TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF TABLES

LIST OF FIGURES

LIST OF MAPS

LIST OF DRILL SECTIONS

ACKNOWLEDGEMENTS

This report summarizes geological mapping, geochemical surveying, core logging and interpretation conducted by several geologists and geology students who worked as part of the 2007 Wernecke field crew. Scott Boyce, Thomas Branson, Kelsey Dodge, Heather Jaggard, Jim Lehtinen, Jeremy Major, Nick Mitchell, Neil Perk and Phil Seccombe all made contributions to the collection of geological information and interpretation of data that comprises this assessment report. Additionally, some of the written work contained herein is derived in large part from property summaries prepared by these individuals. Their contribution and hard work during the field campaign is acknowledged and appreciated.

1.0 SUMMARY

The Wernecke project area consists of 1,926 quartz claims (374 km^2) in 26 claim groups, scattered over an area of 60 by 70 km in the Wernecke Mountains, approximately 170 km northeast of Mayo in east-central Yukon. According to Yukon Government databases, the claims are held in the name of Fronteer Development Group Inc. The claims are being explored by a joint venture between Fronteer Development Group Inc. ("Fronteer" - 80%) and Rimfire Minerals Corporation ("Rimfire" - 20%), subject to underlying 2% NSR and 7.5-15% NPI royalties.

The Wernecke Mountains are underlain by approximately 13,000 m of fine-grained siliciclastic and carbonate rocks of late Paleoproterozoic age. Following deformation, mafic to intermediate dykes, sills and stocks intruded at ca. 1.71 Ga, apparently contemporaneously with extrusion of sub-aerial mafic lava flows of similar composition. Subsequently, large volumes of iron-rich, oxidized hydrothermal fluids invaded the sedimentary rocks, creating the extensive, crosscutting hematite breccia bodies known as the Wernecke breccias. Emplacement of these breccias was presumably controlled by regional structures.

Widespread iron oxide copper-gold (IOCG)-related mineralization was deposited in altered metasedimentary rocks associated with the Wernecke breccias and locally within the breccias themselves. Along with elevated Cu and Au, these large systems have elevated Ag-Mo-U-Co-Bi-Ni and rare earth elements (REE) Ce and La.

The earliest widespread exploration on the Wernecke properties occurred in the late 1960s and focused on Cu. During the 1970s widespread exploration focused on U-Cu-Au-Co. Significant exploration during 1992-1997 focused on the Cu-Au potential based on the newly formed IOCG mineral deposit model. Mapping, prospecting, airborne and ground geophysics and 14,721 m of diamond drilling in 103 holes were completed by 1997. The properties were dormant from 1998 until 2006 when a surface-based exploration program re-evaluated many airborne radiometric and surface geochemical anomalies for uranium potential. Several uranium only and IOCG targets were drill-tested during 2007 totalling 6,538 m in 28 holes focused on seven different targets.

The most significant of the Cu-Au targets lie on the northeastern edge of the Bonnet Plume valley, which is thought to follow a major fault splay within the Richardson Fault array. Drilling in the Hoover Central zone intersected 126.72 m @ 0.44% Cu; 12 km to the southeast, holes on the Slab Mountain and Slab Northwest zones hit up to 110.05 m @ 0.30% Cu. Fieldwork in 2006 and 2007 led to the recognition of significant new U and Cu-Au mineralization on the Fireweed, Jazz / Thunder Mountain, Mica-Hail, Pagisteel, Ursus, Slats and TVA properties.

Although significant surface uranium mineralization has been discovered during the last two years of exploration on the Werneckes properties, the IOCG-type targets have the best potential for bulk tonnage mineral deposits. High-grade uranium mineralization is common on several of the Wernecke properties but the areal distribution and width of these hot spots are typically very restricted. By contrast, zones of hydrothermally altered and Cu-Au-Ag-Mo-U-Co-Bi-REE mineralized sedimentary and brecciated rock occur over large areas. Unfortunately, grades demonstrated to date have been low. The real challenge moving the Wernecke Project forward is to utilize geological and geophysical techniques to better target drilling within these hydrothermal systems. The IOCG-related Cu-Au zones should be first priority targets while structurally-controlled U targets should be second priority.

A $3.0M exploration program is recommended for the Wernecke project in 2008. Detailed target selection should occur during a first phase of geological mapping and ground geophysics (IP, EM, gravity). A second exploration phase of diamond drilling should follow.

2.0 INTRODUCTION

The Wernecke project is focused on a 60 by 70 km area in the Wernecke Mountains, approximately 170 km northeast of Mayo in east-central Yukon (Figure 1). This area was the focus of uranium exploration in

the 1970s and 1980s and of copper and gold exploration in the 1990s. Several very large exploration programs have been completed in the area. In all, 14,721 m of diamond drilling in 103 holes has been completed within (or very proximal to) the current land position prior to the 2007 program.

Several well-known IOCG exploration targets exist on the property, while the uranium potential of the area is once again becoming a focus (Hunt et al., 2006; Lewis and Burke, 2007). Both types of deposits generally show a high degree of structural control and are hosted in altered metasedimentary rocks of the Proterozoic Wernecke Supergroup. The Wernecke breccias–a distinct family of discordant map-scale haematitic hydrothermal deposits–are closely associated with most mineralization identified to date. Remobilization of uranium likely was widespread and the genesis of uranium mineralization equivocal.

The current round of exploration activity by Fronteer Development Group began in 2006 (Heffernan et al., March, 2007). That program focused on uranium potential of the area. Numerous new targets–mostly airborne radiometric anomalies–were delineated and tested by geological and geochemical surface methods. These new discoveries pointed to the potential for structurally controlled uranium deposits. The 2007 program, as described here, tested both IOCG and uranium targets by drilling and surface geochemical and mapping surveys.

3.0 RELIANCE ON OTHER EXPERTS

The author did not rely on other experts regarding legal, environmental, and political or other such issues.

4.0 PROPERTY DESCRIPTION AND LOCATION

The Wernecke project comprises 26 separate properties in the Wernecke Mountains of east-central Yukon Canada, approximately 170 km northeast of Mayo (Figure 1). The Wernecke properties lie within the Mayo Mining District, centred at 65° north latitude and 134° west longitude. The claims are located on NTS map sheets 106C/13, 106C/14, 106D/9, 106D/16, 106E/1, 106E/2, 106E/8, 106F/3 and 106F/4 within an area measuring approximately 60 by 70 km.

The 26 properties are made up of 1926 quartz claims covering 37,351 hectares near the Bonnet Plume River (Figure 2). Property boundaries were delineated from the digital GIS claim maps available from the Yukon Mining Recorder and were located in the field by hand-held GPS units. These claims and their expiry dates are detailed in Appendix B. Records of the Yukon Department of Energy, Mines and Resources indicate that all claims are held by Fronteer. Separate documents indicate that they are held by a Joint Venture between Fronteer (80%) and Rimfire (20%). Newmont Canada Limited (“Newmont”) and Breakwater Resources Ltd. (“Breakwater”) share a 2% NSR and the underlying vendors retain a 7.5-15% NPI on the Wernecke project claims.

Surface rights over the Wernecke properties are owned by the Yukon Territory. Neither significant surface disturbance nor any major environmental liabilities were noted during field examinations. Exploration permits must be obtained from the Yukon Department of Energy, Mines and Resources prior to carrying out the exploration program outlined in this report. A five-year Class 3 Mining Land Use Approval was granted by the Yukon Mineral Resources Branch to Fronteer on April 19, 2007.

5.0 ACCESSIBILIY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, PHYSIOGRAPHY

The Wernecke properties are best accessed by helicopter from a base camp on the 885 m-long Copper Point gravel airstrip, located in the Bonnet Plume River valley. The Copper Point strip is suitable for most fixed wing aircraft, generally serviced out of Mayo or Whitehorse (500 km to the south). Other airstrips in the area, including Bear River, Wind River, Dolores Creek and Bonnet Plume River Mines are of limited or

unknown serviceability. Several lakes in the area, including Fairchild, Kiwi, Quartet, Gillespie, Pinguicula, Glacier and McClusky are suitable for float-equipped aircraft.

The Wind River winter tote road, originating near Elsa, was built through the area in the 1950's. It has been re-activated sporadically ever since, being used most recently in 2006 to mobilize heavy equipment as far as the Blende property of Eagle Plains Resources.

Elevations in the area range from 540 to 2500 m above sea level and relief varies from gentle in the valley bottoms to rugged on mountain slopes. Vegetation ranges from bare slopes above treeline to stunted spruce, dwarf alder and willow at lower elevations. Climate is characterized by six months of cold winter and three to four months of warm summer, with May through September most suited to exploration. The average daily January and July temperatures for Mayo are -29°C and 15.2°C, with annual precipitation of 306 mm, of which 40% is snow.

6.0 HISTORY

6.1 Previous Work

The first copper occurrences were noted by trappers working in the area at the turn of the century. The Slab mineral showing was first staked in 1910. In 1935, the McClusky copper occurrences were staked and the Bonnet Plume and Wind River area received sporadic exploration for copper over the next twenty years. Exploration activity was stimulated in the early 1960s when California Standard Company through their subsidiary, Crest Exploration Limited, worked on their world-class banded iron deposit in the Snake River area. In the early 1960s, the first copper showing was found at Dolores Creek by L. Brown. Bonnet Plume River Mines Ltd. conducted exploration from 1967 to 1969, at which time limited diamond drilling was completed (Laznicka and Edwards, 1979).

In 1971, the discovery of zinc-lead showings in the MacKenzie Mountains to the east brought exploration activity to the southeastern portion of the Wernecke Mountains. Continued lead-zinc exploration in the Proterozoic basin led to the discovery of uranium mineralization in 1974 by Archer, Cathro and Associates Ltd. In the period 1975 to 1980, a number of major companies (Urangesellschaft, Noranda) and joint ventures (Wernecke Joint Venture, Mountaineer Mines-Pan Ocean Oil Limited, Prism Joint Venture) were involved in exploration of breccia-related uranium mineralization. Also at this time, Pan Ocean drilled coal resources on their lower Bonnet Plume leases and outlined in excess of 500 million tonnes of low sulphur, high volatile bituminous coal in Cretaceous strata.

The 1980s saw minor work throughout the project area. Archer Cathro, Texaco, and Cyprus Gold embarked on limited exploration to test the gold potential of some of the known uranium or copper occurrences. Exploration in the 1990s was conducted by BHP Minerals, Kennecott Canada, International Prism, Cominco, Zelon Enterprises and the Fairchild Joint Venture ("FJV"), on both copper-gold and zinc-lead targets.

In the mid-1990s, the FJV – comprising Westmin (now Breakwater) and Newmont – recognized the IOCG potential of the Wernecke breccias and spent a total of US$5.5 million on more than 20 properties, focusing on their copper-gold potential. Newmont flew a regional airborne magnetic and radiometric survey and conducted extensive geochemical sampling and geological mapping prior to drilling twelve prospects for a total of 14,600 m (Gorton and Stammers, 2000).

In early 2006, Fronteer and Rimfire optioned the 410 key claims still held by Newmont and Breakwater, along with their geochemical/geophysical database. As funding partner, Fronteer staked an additional 1,600 claims and carried out extensive geological and geochemical fieldwork (Heffernan et al., March, 2007) and an airborne gravity survey in 2006 (Selman, 2006).

0 200 400 800

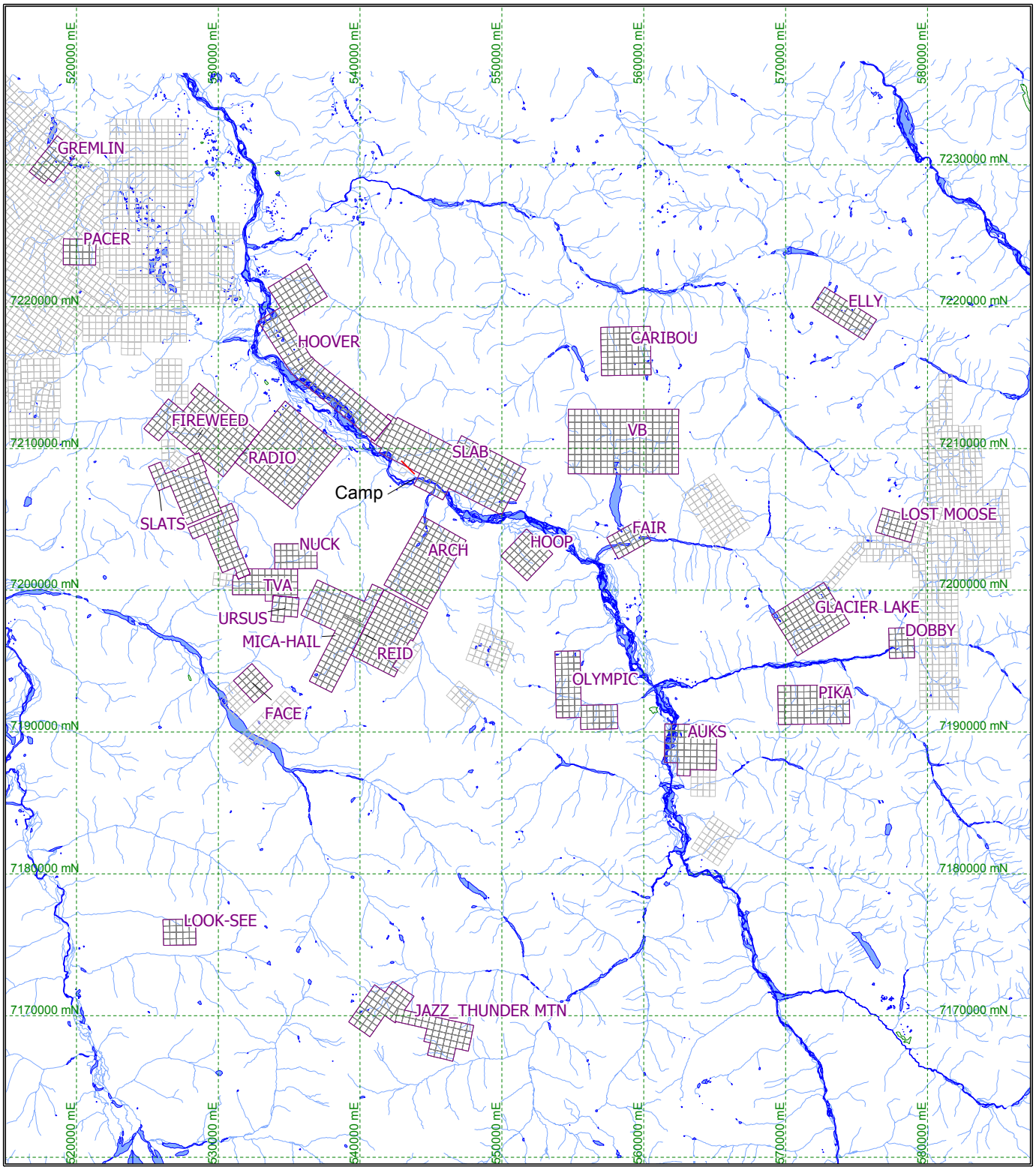
kilometres

FRONTEER DEVELOPMENT GROUP INC

WERNECKE PROJECT

LOCATION MAP

EQUITY	Date: JAN 2008	Scale: 1:12,000,000	Figure 1
	U.T.M. Zone UTM8 - NAD83	Mining District Mayo	
	N.T.S. 106C,D,E,F	State/Province Yukon	



FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Project Areas
Tenure

EQUITY	Date: JAN 2008	Scale: 1:400,000	Figure 2
	U.T.M. Zone: UTM 8 - NAD83	Mining District: Mayo	
	N.T.S.: 106 C,D,E,F	State/Province: Yukon	

6.2 2007 Exploration Program

Exploration in 2007 comprised a surface program of diamond drilling, geological mapping, prospecting, soil and silt sampling and ground magnetics. All fieldwork was helicopter-supported and based out of a centrally located camp at the Copper Point airstrip in the Bonnet Plume River valley. Field crews collected a total of 906 rock samples, 112 silt samples and 3150 (including 220 MMI-type) soil samples (including QA/QC samples) between April 25th and October 12th, 2007 (Table 1). Equity Engineering Ltd. of Vancouver, BC was contracted to manage and execute the surface exploration program and has been retained to report on the results as described herein.

Table 1: Surface Samples Collected during the 2007 Program

Sample Type	Total*	ALS Chemex Analytical Codes
Rock	906	Au-AA23, ME-MS61
Soil	2930	Au-AA23, ME-MS41
MMI Soil	220	ME-MS18
Silt	112	Au-AA23, ME-MS41

*includes ~10% QA/QC samples

Standard, reconnaissance-style soil samples were collected at claim post locations, along contour soil lines and several soil grids. Soil samples were marked with orange flagging and all sample sites were marked with a Tyvek tag with the sample number marked on the tag with a china marker. Soil samples were taken from B-horizon soils wherever possible but due to steep terrain and poor soil development, the majority of samples were of colluvium or talus fine material. Characteristics of the sample site were recorded on a sample form for later reference. A field duplicate soil sample was collected about every 20th sample and sample blanks were inserted every 60th sample (Appendix E).

On two properties (Hoover and Arch), soil samples were collected and analyzed by Mobile Metal Ion (MMI) techniques. The depth of sampling is related to the physics and chemistry of the capillary rise and evapo-transpiration process, and is therefore related to distance below the soil interface irrespective of soil type. As such, in undisturbed environments samples were collected below the true soil interface at a consistent depth of 15 cm. Initially, the upper surface soil layer was scraped away thereby eliminating loose organic matter, debris, and any possible contamination. Between sample sites, material and equipment was brushed to eliminate residue from previous samples and flushed with the soil from the new sample site. During sample collection and handling, no jewelry (watches, rings, bracelets, and chains) were worn, as these can be a source of contamination. Once collected, samples were stored in zip lock plastic bags. MMI soil sample sites were marked similarly to standard soil sampling sites. Samples were submitted to ALS Chemex and analyzed with their complete MMI package (ME-MS18) at their Perth facility.

Rock samples were marked in the field by a combination of pink and blue flagging plus a small aluminum tag on which has been inscribed the sample number, the type of sample, the initials of the sampler, and the date the sample was taken. Characteristics of the rock sample were recorded on a sample form and the data from these forms has been included in Appendix D.

All rock and soil samples were located using a hand-held GPS. Generally, a measurement was taken with an Exploranium GR-110 scintillometer and recorded for each rock sample and soil sample location.

6537.96 m of NQ2-sized diamond drilling in 28 holes was completed during the 2007 program (see Section 10.0 for details). All drill core was processed at a tent-style core shack established near the Copper Point camp. Percent recovery and percent rock quality descriptor (RQD) were measured and recorded for each drill run. A KT-9 magnetic susceptibility meter was used to measure magnetic susceptibility for each drill run. An average value for each run was determined by collecting 3-6 individual measurements. Radioactivity was measured and recorded for each drill run using a GR-135G Spectrometer. Drill core samples were collected using mechanical core splitters. Sample intervals are delineated by laboratory sample tags stapled into core boxes. All drill core was cross-stacked on site near the core shacks.

Samples were flown directly from Copper Point airstrip to the Alkan Air base in Whitehorse in rice sacks sealed with individually numbered security tags. The rice sacks were transferred to Canadian Freightways in Whitehorse and then delivered to the ALS Chemex Laboratories preparation facility in Terrace, BC. All soil and rock samples were analyzed for gold by 30 g Fire Assay-Atomic Absorption Spectroscopy Combination. Soil samples were submitted for a multi-element suite that employed an aqua regia acid digestion and a combination of Inductively Coupled Plasma Mass Spectrometry (ICP-MS) and Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) techniques. Rock samples were submitted for a multi-element analysis package that utilized a four acid digestion and a combination of ICP-MS and ICP-AES techniques. Certificates of Analysis are presented in Appendices H.1 to H.4. Pulp assays were carried out for high geochemical values of Au, Ag, Pb, or Zn; the assays were used for plotting and calculations. Pressed Pellet-Wavelength Dispersive X-Ray Fluorescence Spectrometry (XRF) analysis was carried out on pulps from samples that returned initial uranium values greater than 1000 ppm. As part of the QA/QC program, the reject material from these high-uranium samples was sent to Activation Laboratories of Ancaster, Ontario for prep and analyses by the same technique. “Metallics” assays for Au were carried out on rejects when initial geochemical values exceeded 10,000 ppb Au. The procedures, results and conclusions of the sampling QA/QC program are summarized in Appendix E.

A magnetic declination of 26.5° E was used for all compass measurements. Structural measurements are all reported utilizing the right-hand rule. All maps and UTM coordinates are referenced to the 1983 North American Datum (NAD-83; Zone 8).

7.0 REGIONAL GEOLOGY AND MINERALIZATION

7.1 Regional Geology

The Wernecke Mountains are underlain by approximately 13,000 m of fine-grained siliciclastic and carbonate rocks of the late Paleoproterozoic age. These rocks were deposited during two cycles of subsidence and uplift in a rift-related, intra-cratonic basin and were subsequently affected by up to three compressive deformation events, resulting in development of isoclinal folding, schistosity, and local kink banding (Brideau et al., 2002). Following deformation, mafic to intermediate dykes, sills and stocks intruded at 1.71 Ga (Thorkelson et al., 2001a), apparently contemporaneously with extrusion of sub-aerial mafic lava flows of similar composition. Subsequently, large volumes of iron-rich, oxidized hydrothermal fluids invaded the sedimentary rocks, probably along the same structures used by the intrusions, creating the extensive, crosscutting breccia bodies known as the Wernecke breccias.

The entire succession has been named the Wernecke Supergroup and has been divided into three groups (oldest to youngest): Fairchild Lake Group, Quartet Group and Gillespie Lake Group. To the east and south, the Hadrynian Pinguicula Group unconformably overlies the Wernecke Supergroup. Paleozoic strata bound the western margin and Cretaceous and Tertiary sediments fill the area to the north in the Bonnet Plume Basin.

The first recorded geological mapping in the area was by C. Camsell of the Geological Survey of Canada in 1905, who completed a topographic and geological survey between the Stewart River and Fort McPherson. In 1961, "Operation Ogilvie" was launched and the Nash Creek (1060), Larsen Creek (116A) and Dawson (116B&C) map areas were mapped under the direction of J.A. Roddick and L.H. Green (1972). Mapping of the Nadaleen River map sheet (106C) was started in 1971 by S. Blusson and released in 1974 (Open File 205). The geology of the Wind River (106E) and Snake River (106F) map areas was mapped by O.K. Norris (Open File 279) in 1975. Since 1976, the Geological Survey of Canada, led by R.T. Bell, G.D. Delaney and W.O. Goodfellow have been mapping the Proterozoic basin and studying the uraniferous breccia complexes. Delaney (1985) provides the most updated discussion of the Proterozoic stratigraphy whereas Bell (1978, 1982, 1986a, b; 1977) focused on the mineralogy, morphology and genesis of the breccia complexes. In addition to this published work, many stratigraphic sections were measured by Pamicon Developments Ltd. during their work programs. The following lithological discussion combines the

detailed Pamicon work and that of Delaney. Where applicable, the Fairchild, Quartet and Gillespie subgroups of Delaney (1985) have been bracketed after the Pamicon description.

The Fairchild Lake Group outcrops along the western edge of the Bonnet Plume River at Bond Creek and near the headwaters of the Little Wind River (Figure 3). The thickness is greater than 4,000 m and the base of this sequence has not been observed. The lowest members of the Fairchild Lake Group consist of light to dark green, fractured, chloritic siltstone grading upwards into light grey, massively bedded, siliceous siltstone (F-l). The remainder of the section consists of alternating repetition of the grey siltstone described above and an interbedded unit of narrow limestone (20%) and siltstone (80%) beds (F-2). The interbedded unit is recognized by its "ribbed" weathering. Overlying these units is a sequence of massively bedded, green calcareous siltstone, brown weathering dolomite and a coarser, light green sandstone or quartzite with local magnetite (F-3, F-4). The top of this section is marked by a 12.0 metre massively bedded, calcareous white quartzite overlain by thin bedded, green calcareous siltstone and minor limestone. The transitional (F-Tr) upper part of the Fairchild Lake Group is measured from the appearance of a well developed phyllite. Overlying the phyllite is a bed of black, soft silty shale, followed by 170 m of thick, massively interbedded section of brown weathering dolomite with black shale and topped by 120 m of pyritic, rusty weathering, black shale. Near the top of the dolomite sequence is a distinctive 12 metre thick marker horizon of white, recrystallized limestone. This sequence is typical of a thick miogeoclinal succession.

The Quartet Group consists of greater than 5,000 m of monotonous dark-grey weathering, fine-grained siliciclastic sediments. Immediately above the red brown weathering shale of the Fairchild Lake Group is a 330 metre thick section of dark grey to black weathering, laminated shales and silty shales (Q-l). The balance of the section is comprised of dark grey weathering siltstone and sandstone with interbeds of shale and quartzite (Q-2). Primary structures include cross and graded bedding, ripple marks and load casts. Massively bedded quartzites increase in frequency towards the top of the group. The base of Q-2 is marked by a 180 metre thick, rusty weathering, pyritic quartzite unit.

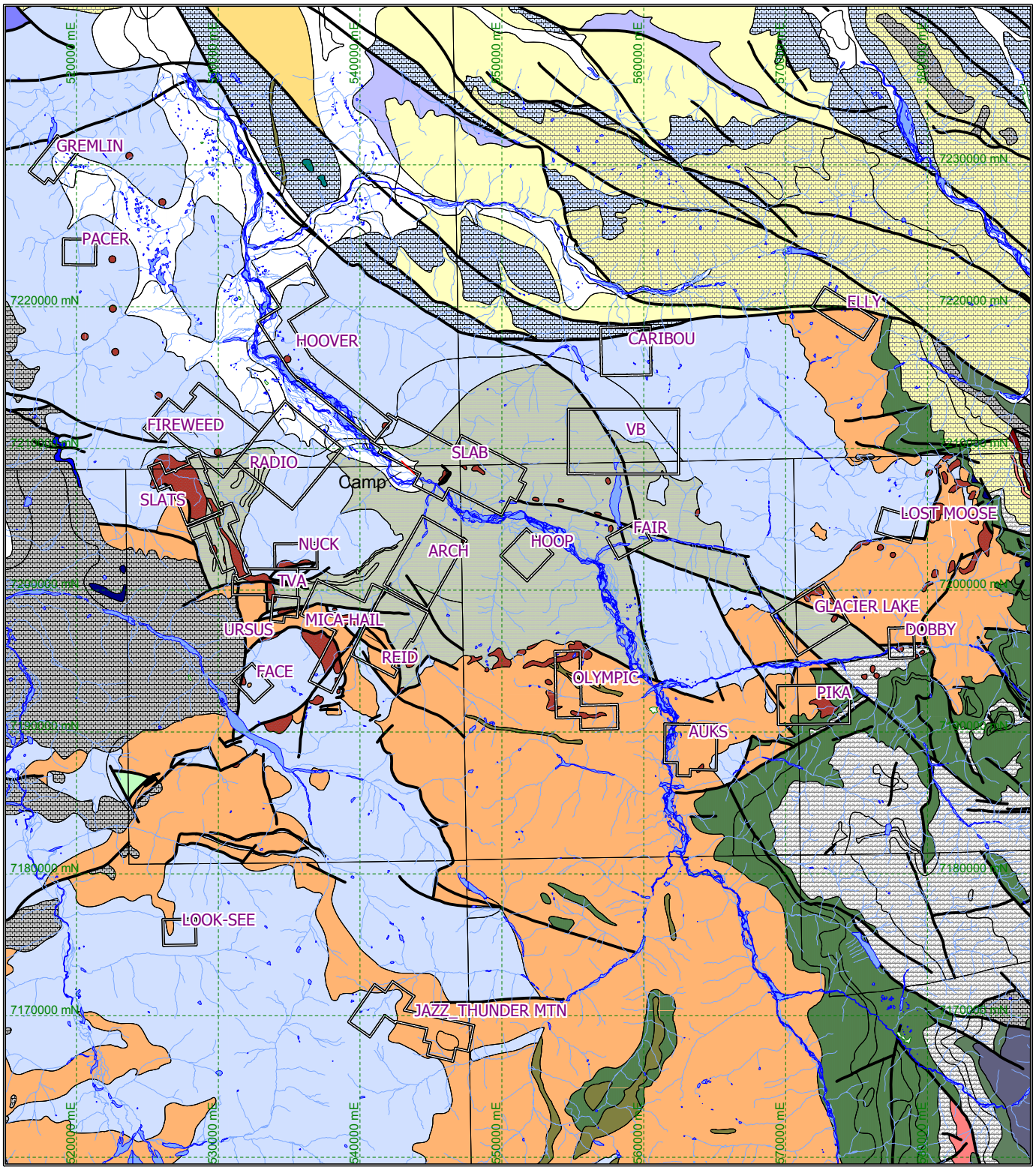
The base of the Quartet Group is interpreted by Delaney (1985) to have accumulated in a sediment starved basin with the thicker bedded siliciclastic sediments of Q-2 being typical of shallow marine sediments.

The Gillespie Lake dolomitic rocks exhibit a gradational contact with the underlying Quartet Group. The thickness of the transition zone varies from 25 m to as much as 700 m Delaney (1981) and consists of massively interbedded, brown to orange weathering dolomite and dark grey to black, calcareous siltstone or shale giving a striped appearance to this unit (G-TR). Delaney (1981) has subdivided the remainder of the group into G-2 through G-7, although none of these subgroups can be followed along strike due to dramatic facies changes. Above the transition zone, the Gillespie Lake Group is dominated by bright orange-weathering, grey dolomite with minor black shale, maroon shale and lesser quartzite, stromatolites, oolites and molar tooth structures occur near the top of the section. The Gillespie Lake Group is a 4,000 m thick section of terrigenous siliciclastic sediments and shallow marine platformal dolomites.

The overlying Pinguicula Group of Hadrynian age consists of a basal andesitic flow overlain by coarse unsorted conglomerate, alternating red and green siltstones/sandstones, and, finally by stromatolitic dolomite. This poorly studied group has been correlated to the Coates Lake Group or "copper cycle" in the upper part of the MacKenzie Mountains Supergroup (Jefferson and Ruelle, 1986). Its lower contact and upper contact, which is marked by glacial deposits of the Rapitan Group (Ekwi Supergroup), are both erosional unconformities.

Strata of the Wernecke Supergroup are cut by numerous hematitic breccia complexes that are enriched in iron, uranium, barium, fluorine, copper, cobalt, rare earths and gold. At least 86 breccias have been identified, which represents about 2% of the surface exposure in the region (Archer and Schmidt, 1978). No breccias cut the younger Pinguicula Group rocks.

The Wernecke Supergroup is cut by diorite dykes/sills and one body of peridotite. Several lamprophyre dykes approximately 1 m wide, with phenocrysts of fresh biotite up to 4 cm in diameter are found northwest of Fairchild Lake (Archer and Schmidt, 1978). K-Ar dating of biotite points to a Late Proterozoic or Early Cambrian age for these dykes (Delaney, 1981). Diabase dykes, tentatively assigned a Cretaceous age, occur in the southern half of the map-area.



(250k) Geology from Gordey, S.P. & Makepeace, A.J., (Compilers), 2000. Yukon Digital Geology, EGSD Open file 1999-1(D)

Regional Stratigraphy

Quaternary

- Alluvium, colluvium and glacial

Cambrian to Devonian

- Dolostone, sandstone, conglomerate

Upper Proterozoic

- Micritic dolostone

Middle to Upper Proterozoic

- Thick bedded micritic dolostone
- Quartz arenite, siltstone and wacke
- Dolostone, shale, siltstone

Middle Proterozoic

- Siltstone and shale

Lower Proterozoic

- Dolostone and silty dolostone (Gillespie Lake Group)
- Black weathering shale (Quartet Group)
- Siltstone, shale and slate (Fairchild Group)

Intrusions (Middle Proterozoic)

- Wernecke Breccia

20 km

FRONTEER DEVELOPMENT GROUP INC.

WERNECKE PROJECT
Project Areas
Regional Geology

EQUITY	Date: JAN 2008	Scale: 1:400,000	Figure 3
	U.T.M. Zone: UTM 8 - NAD83	Mining District: Mayo	
	N.T.S.: 106 C,D,E,F	State/Province: Yukon	

7.2 District Structure

The main structural components of the Wernecke district are the southeast trending fault splays (Deslauriers, Knorr and Snake River Faults) of the Richardson Fault Array. These faults are interpreted to be deep-seated, long-lived, vertical structures which have undergone considerable right lateral and vertical movement. These faults separate the Wernecke Supergroup from younger Proterozoic rocks to the east. In the western part of the area, Lower Paleozoic rocks unconformably overlie the Wernecke Supergroup forming spectacular angular unconformities. On a regional scale, sedimentary rocks dip away from the Bonnet Plume valley causing the Proterozoic rock units to be exposed in a northwest trending anticlinal structure.

The Bonnet Plume valley is considered to be an expression of a major fault splay from the Knorr Fault and the Wind River from the Deslauriers Fault. A secondary northerly set of faults likely controls the topographic linears such as the Slats Creek pass and Fairchild Lake valley.

At least two late major orogenic events affected the Proterozoic strata in the Werneckes. These include the "Racklan orogeny" at the base of the Pinguicula Group (1.2 Ga) and a major rifting event at the base of the Rapitan Group (0.8 Ga), the "Hayhook orogeny" (Young et al., 1979).

Deformation due to the Racklan orogeny consists mainly of intense cross block faulting with steep reverse and normal block faulting and subsequent rotation of large blocks. Folding is normally an open style and the Richardson Fault Array was probably active (Delaney, 1981). This deformational phase is consistent with an extensional rifting environment producing mafic volcanic flows at the base of the Pinguicula Group and development of the breccia complexes.

Within the Lower Fairchild Lake Group, the deformation is more intense as folds are normally tight, isoclinal and locally recumbent. A large portion of the group is overturned south of Fairchild Lake. Since the degree of alteration and structural complexity of the Quartet and Gillespie Lake Groups is much less, it is suspected that an early deformational event affected the Lower Fairchild Lake Group, perhaps marking the boundary between the Aphebian and Helikian. Bell (1982) feels that these structural features were produced by the interaction of transcurrent faults producing areas of tension and compression creating variations in style and intensity of deformation.

7.3 Regional Mineralization

The Wernecke properties contain numerous iron oxide copper-gold (IOCG) showings (e.g. Thunder Mountain) and mineralized zones (e.g. Hoover) and this deposit model (originally proposed by Hitzman et al., 1992) is the principal guide to exploration. Of secondary importance, high-grade, structurally controlled uranium-only showings (e.g. Fireweed) also deserve consideration. It is unclear whether this uranium is re-activated from IOCG systems or was sourced independently.

The Wernecke breccias share many of the characteristics of iron oxide copper-gold (IOCG) deposits on a world wide scale, such as the Olympic Dam deposit in the Stuart Shelf of South Australia, which contains about 2.0 billion tonnes of ore at a grade of 1.6% Cu, 0.6 g/t Au, 0.06% U_3O_8, and 3.5 g/t Ag (Reeve et al., 1990). The IOCG deposit class incorporates a large range of high iron, low sulphur, multi-element deposits associated with hematite and/or magnetite breccias (Williams, 1999). IOCG deposits can be huge and many have a very high unit value due to their multi-element character and common high grades. The larger deposits occur primarily in Proterozoic rocks, usually in intra-cratonic settings associated with rift faults (Hitzman et al., 1992). They are characterized by a distinctive element suite of copper, gold, cobalt, silver, uranium, rare earth elements, barium, molybdenum and fluorine. IOCG deposits usually form a mineral district characterized by many similar deposits of widely varying size and grade (e.g Cloncurry District, Australia). Mineralization may occur in the breccias, in veins, or in replacement zones in the country rock. The deposits are localized along major faults, mostly in second order structures which may be either high or low angle. In a regional sense, roughly coeval felsic to intermediate intrusive and/or extrusive rocks may be spatially associated. Extensive, belt-wide, alkali metasomatism is very common and mineralization exhibits zonation from higher temperature sodic alteration to lower temperature potassic alteration. Metasomatic

effects within the mineral belts generally indicate an elevated level of heat flow associated with the hydrothermal systems, commonly anomalous with respect to regional metamorphic facies.

The high-grade structurally-controlled uranium class within the Wernecke properties typically comprise brannerite-bearing, irregular feldspar-quartz veins with chlorite-hematite alteration. Mineralization is also locally abundant on fault surfaces and may be associated with elevated gold and copper. This style of mineralization typically formed in late structures that cross-cut Wernecke breccia, consistent with remobilization from earlier IOCG systems. Hunt et al. (2006) have suggested the possibility for unconformity-related uranium deposits in the Wernecke Mountains, similar to the high-grade deposits of the Athabasca Basin, such as Rabbit Lake, Cluff Lake and Cigar Lake. Unconformity-related uranium deposits are hosted by shelf facies metasedimentary rocks of Early Proterozoic age (graphitic or sulphide-rich metapelites, calcsilicate rocks and metapsammites), regolith and unconformably overlying continental sandstones of Middle Proterozoic age. Orebodies are tabular, pencil-shaped or irregular in form, extending up to a few kilometres in length; most extend <100 m below the unconformity. Orebodies are localized by the intersection of regional and local faults with unconformity surfaces where mixing occurs between reduced basement and oxidised basinal fluids. Pitchblende, coffinite, uranophane, thucolite, brannerite and iron sulphides fill pore spaces or voids in breccias and vein stockworks. Deposits are accompanied by chloritization, hematization, kaolinization, illitization and silicification. Unconformity-related uranium deposits are associated with elevated Ni, Co, As, Pb and Cu, which can be used as pathfinder elements. Although a viable model for the Wernecke properties, structurally-controlled uranium is the closet fit to this model yet discovered.

8.0 GEOCHEMISTRY

Soil, silt and rock geochemistry has been used widely in the past to focus prospecting efforts on the Wernecke properties. These methods have also been widely employed during the recent exploration phases. Mobile Metal Ion (MMI) soil geochemistry – an alternate analytical technique – was implemented to a limited extent in 2007 in an effort to delineate possible buried mineralization under the Bonnet Plume river valley. Basic statistics for the various sampled media are described below. In subsequent sections, values corresponding to 98th percentile are considered highly anomalous, 95th percentile definitely anomalous, 90th percentile moderately anomalous and 75th percentile as high values.

8.1 Silt Geochemistry

In 2007, 28 standard, grab-style silt samples were collected from various properties during mapping and prospecting traverses. Additionally, 84 silt samples were collected during a helicopter-supported, regional-style silt blitz across a little-explored region in the Looksee and Thunder Mountain areas. The area was selected to check anomalous YGS and Fairchild silt sample areas which are coincident with a weak magnetic anomaly. Statistics for this dataset are summarized in Tables 2 and 3.

Heffernan et al. (2007) summarize silt datasets for 375 field-sieved Fairchild JV-era silts and for the RGS silts collected in the Wernecke project area. By comparison with these data sets, the 2007 percentile thresholds are similar to the Fairchild data but are consistently higher than the RGS for the area. The 2007 correlation coefficients show positive correlations between Cu-As-Bi-Co-Mo-Ni-U, a pattern that is similar to the Fairchild and RGS data. Au shows no strong correlations. The REEs U-Th-Ce-La all show positive correlations. Pb and Zn are strongly positively correlated and are likely related to sedimentary exhalative mineralization documented in the Gillespie Lake Group (Thorkelson, 2000b).

Table 2: 2007 Silt Geochemistry Percentiles

Percentile[a]	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Ce (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U (ppm)	Zn (ppm)
98th	0.046	2.46	182	9.2	235	130	313	15	98	178	6.0	23	20	531
95th	0.031	2.21	97	5.7	85	67	265	5.0	73	137	5.1	19	12	297
90th	0.025	0.90	73	4.5	64	40	176	4.0	54	76	4.5	16	8.5	265
75th	0.012	0.36	40	2.6	41	30	122	2.0	35	35	3.5	13	3.8	110
50th	0.005	0.19	24	1.6	35	22	78	1.3	27	18	2.9	9.3	2.4	50
Max Value	0.281	2.65	434	15.3	371	326	2490	25	129	3970	10.9	47	24	838
Population	112	112	112	112	112	112	112	112	112	112	112	112	112	112

[a]Sample results below analytical detection were included in percentile calculations

Table 3: Correlation Matrix[a] for 2007 Silt Geochemistry

	Au	Ag	As	Bi	Ce	Co	Cu	La	Mo	Ni	Pb	Th	U	Zn
Au														
Ag	-0.05													
As	0.11	0.42												
Bi	0.01	0.08	0.58											
Ce	0.00	0.26	0.10	0.01										
Co	0.09	0.21	0.77	0.50	0.51									
Cu	0.12	0.18	0.85	0.51	0.19	0.86								
La	0.01	0.28	0.21	0.09	0.97	0.55	0.29							
Mo	0.07	0.33	0.91	0.58	0.23	0.78	0.77	0.34						
Ni	0.05	0.33	0.43	0.23	0.65	0.67	0.44	0.65	0.46					
Pb	-0.06	0.72	0.22	-0.06	-0.02	-0.05	-0.02	-0.03	0.11	0.14				
Th	0.03	0.00	0.03	0.12	0.41	0.19	0.18	0.45	0.14	0.21	-0.28			
U	0.00	0.16	0.51	0.42	0.46	0.69	0.53	0.52	0.62	0.47	-0.11	0.49		
Zn	-0.03	0.75	0.34	0.01	0.41	0.28	0.16	0.40	0.30	0.52	0.69	-0.10	0.15	

[a]Sample results below analytical detection were defined as null and excluded from correlation calculations

8.2 Soil Geochemistry

Because of different analytical techniques over the span of recorded exploration, soil geochemical data from exploration prior to 2006 has been compiled into a historical data set (Tables 4 and 5) and has been treated independently from the 2006 and 2007 soil data (Tables 6 and 7). The historical data set comprises 7841 samples collected mostly by the 1990s-era FJV programs whereas data prior to about 1990 is fragmented. A total of 2930 soil samples, including 215 QA/QC samples were collected from the project area in 2007. Percentile thresholds for both the historic and the 2006/2007 datasets were calculated independently and since the absolute value for each threshold is different within each data set, results are presented as percentiles rather than absolute values on geochemical maps.

Generally, soil development within the project area is poor and the majority of these samples were taken from talus fine material. The development of B horizon soil occurs only at lower elevations and in areas of relatively dense vegetation. In general, the percentile value thresholds for the 2007 soil data were higher than for the 2006 soils (Heffernan et al., 2007), likely because the 2006 field program was more regional whereas the 2007 program focused more on key mineralized areas.

Table 4: Historical Soil Geochemistry Percentiles

Percentile	Ag (ppm)	Au (ppm)	Bi (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
98th	2.0	0.080	10	194	1666	21	108	90	398
95th	0.8	0.045	6	108	890	13	76	54	232
90th	0.4	0.025	4	74	489	9	56	36	160
75th	0.2	0.005	2	36	168	3	38	20	96
50th	0.2	0.005	2	23	86	2	30	12	72
Max Value	46.0	1.070	1200	4890	24700	211	691	860	5430
Population	7841	7841	7841	7841	7841	7841	7841	7841	7841

Table 5: Correlation Matrix for Historical Soil Geochemistry

	Ag	Au	Bi	Co	Cu	Mo	Ni	Pb	Zn
Ag									
Au	0.228								
Bi	0.210	0.203							
Co	0.152	0.288	0.169						
Cu	0.256	0.508	0.205	0.357					
Mo	0.147	0.408	0.088	0.300	0.313				
Ni	0.170	0.161	0.106	0.412	0.298	0.256			
Pb	0.295	0.043	0.062	0.086	0.049	0.024	0.156		
Zn	0.117	0.029	0.002	0.014	0.002	0.015	0.165	0.553	

Table 6: 2006 and 2007 Soil Geochemistry Percentiles

Percentile	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Ce (ppm)	Co (ppm)	Cu (ppm)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U (ppm)	Zn (ppm)
98th	0.057	2.3	238	8.6	220	137	809	21	115	196	9.7	35	16.2	662
95th	0.031	1.1	133	5.1	151	88	450	12	77	111	5.5	23	10.2	339
90th	0.020	0.6	82	3.2	106	59	260	7.7	55	67	3.5	17	7.0	197
75th	0.009	0.3	36	1.6	63	32	111	3.1	37	30	1.7	10	3.8	101
50th	<0.005	0.1	16	0.8	41	17	52	1.7	26	17	1.0	5.6	1.9	62
Max Value	0.925	27.4	3750	306	>500	1240	13100	587	577	3970	68	119	107.5	26700
Population	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128

Sample results below analytical detection were included in percentile calculations

Table 7: Correlation Matrix for 2006 and 2007 Soil Geochemistry

	Au	Ag	As	Bi	Ce	Co	Cu	La	Mo	Ni	Pb	Th	U	Zn
Au														
Ag	0.40													
As	0.19	0.34												
Bi	0.15	0.28	0.39											
Ce	0.05	-0.03	0.05	0.11										
Co	0.37	0.16	0.37	0.34	0.14									
Cu	0.55	0.20	0.32	0.34	0.13	0.41								
La	0.11	-0.02	0.06	0.09	0.91	0.14	0.17							
Mo	0.71	0.41	0.20	0.16	0.07	0.34	0.19	0.12						
Ni	0.15	0.20	0.39	0.24	0.25	0.62	0.32	0.20	0.20					
Pb	-0.01	0.47	0.13	0.05	0.03	0.02	0.04	0.02	0.03	0.12				
Th	0.05	-0.03	0.13	0.11	0.43	0.26	0.15	0.41	0.10	0.38	0.01			
U	0.34	0.07	0.23	0.16	0.24	0.42	0.33	0.29	0.34	0.36	-0.01	0.38		
Zn	-0.01	0.33	0.10	0.03	0.03	0.02	0.03	0.02	0.01	0.10	0.73	-0.01	-0.01	

Sample results below analytical detection were defined as null and excluded from correlation calculations

The historic and more recent datasets show many similarities in the magnitude of the percentile thresholds and in the correlation coefficients. Au is most strongly positively correlated with Ag-Co-Cu-Mo-U. REEs U-Th-Ce-La show moderate to strong positive correlations. The base metals Pb and Zn show very high positive correlation, moderate correlation with Ag but very low to negative correlations with other metals. Thus, the IOCG-type Au-Ag-Cu-Co-Mo-U metal signature (Porter, 2002) is well represented in the Wernecke project soil dataset.

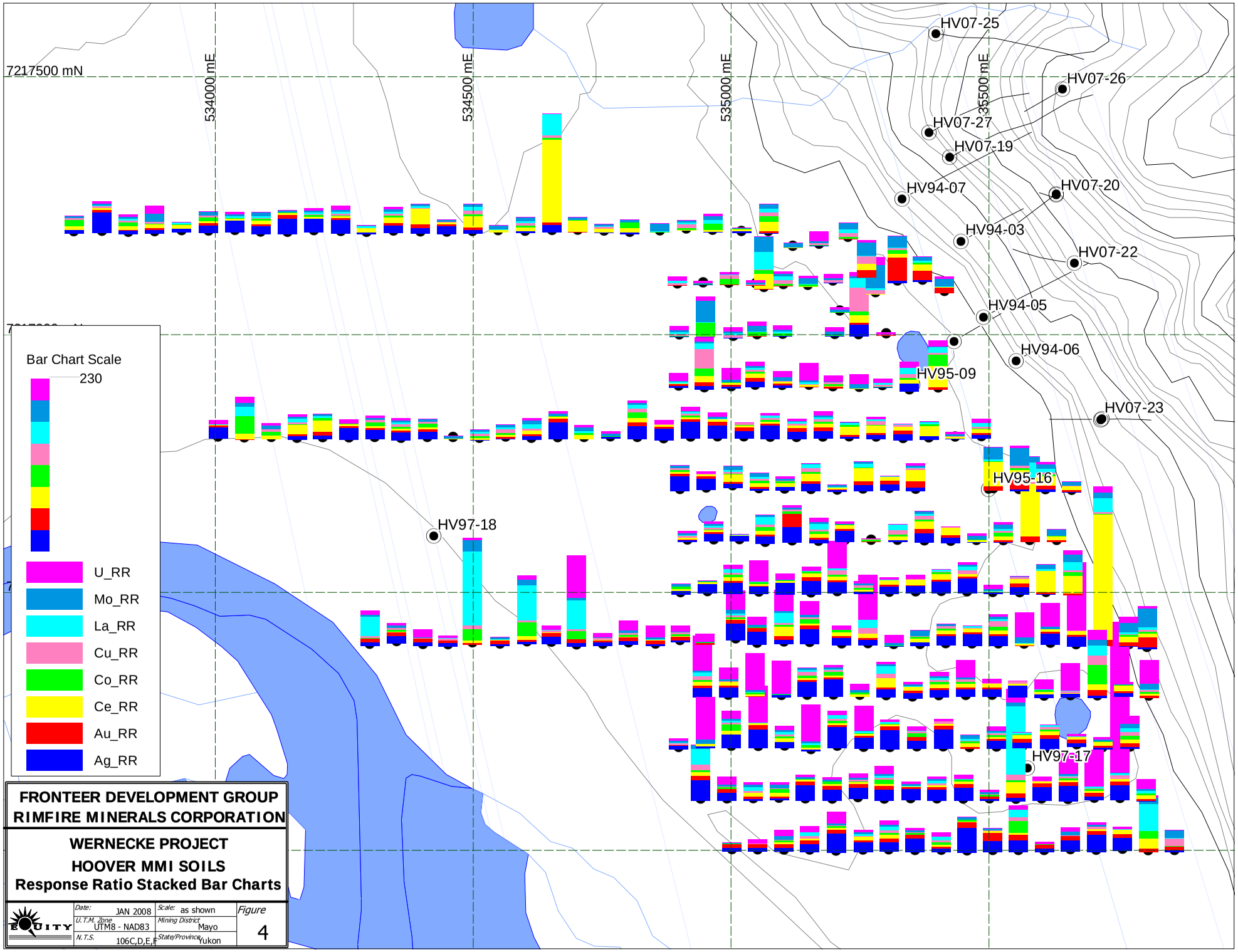
8.2.1 Mobile Metal Ion (MMI) Soil Geochemistry

Soil grids were established at the Hoover and Arch properties, mostly over alluvium-covered areas of the Bonnet Plume River valley. Minor colluvium underlies the grid at Hoover near drill hole HV07-23. At Hoover, samples were collected at 50 m intervals on 13 lines 100 m apart. Three reconnaissance lines were completed to the edge of the Bonnet Plume River. At Arch, samples were collected at 100 m intervals from six lines spaced 250 m apart. Standard MMI sampling techniques were employed for this program as described in section 6.2.

Response ratios were calculated for the sampling data to allow for easier multi-element interpretation as recommended by Birrell et al. (2004). Data were divided by the lowest quartile threshold to determine a peak to background ratio, or response ratio (RR). Results below analytical detection were assigned half of the detection limit and then retained for calculations. Accordingly, RRs of two or less are considered low and RRs greater than five (i.e. five times background) are generally considered significant.

Figures 4 and 5 display stacked bar charts for the Hoover and Arch soil grids. The elements Ag-Au-Ce-Co-Cu-La-Mo-U were used for the stacked bar charts because these IOCG-related metals and REEs showed the greatest range of RR values. Other metals (e.g. Ni) returned fairly consistent values so the range of response ratios is minor.

At Hoover, some of the highest composite RR stacks occur, not surprisingly, closest to the slope breaks. As such, these soils were collected immediately downslope of known Cu-Au mineralization. It is therefore likely that some lateral dispersal of mobilized ions occurred from the exposed mineralization. Locally a few REE spikes were detected south of HV07-23 on several grid lines. A 300 by 300 m region of elevated U occurs mid-way between HV97-17 and -18 (two failed holes from the last FJV drill attempt at Hoover). Although U and other REEs are not generally elevated in the known Hoover mineralization, metal zonation is a possibility in these systems. A hypothetical hydrothermal system beneath the Bonnet Plume valley may have very different characteristics to what is exposed to the east.



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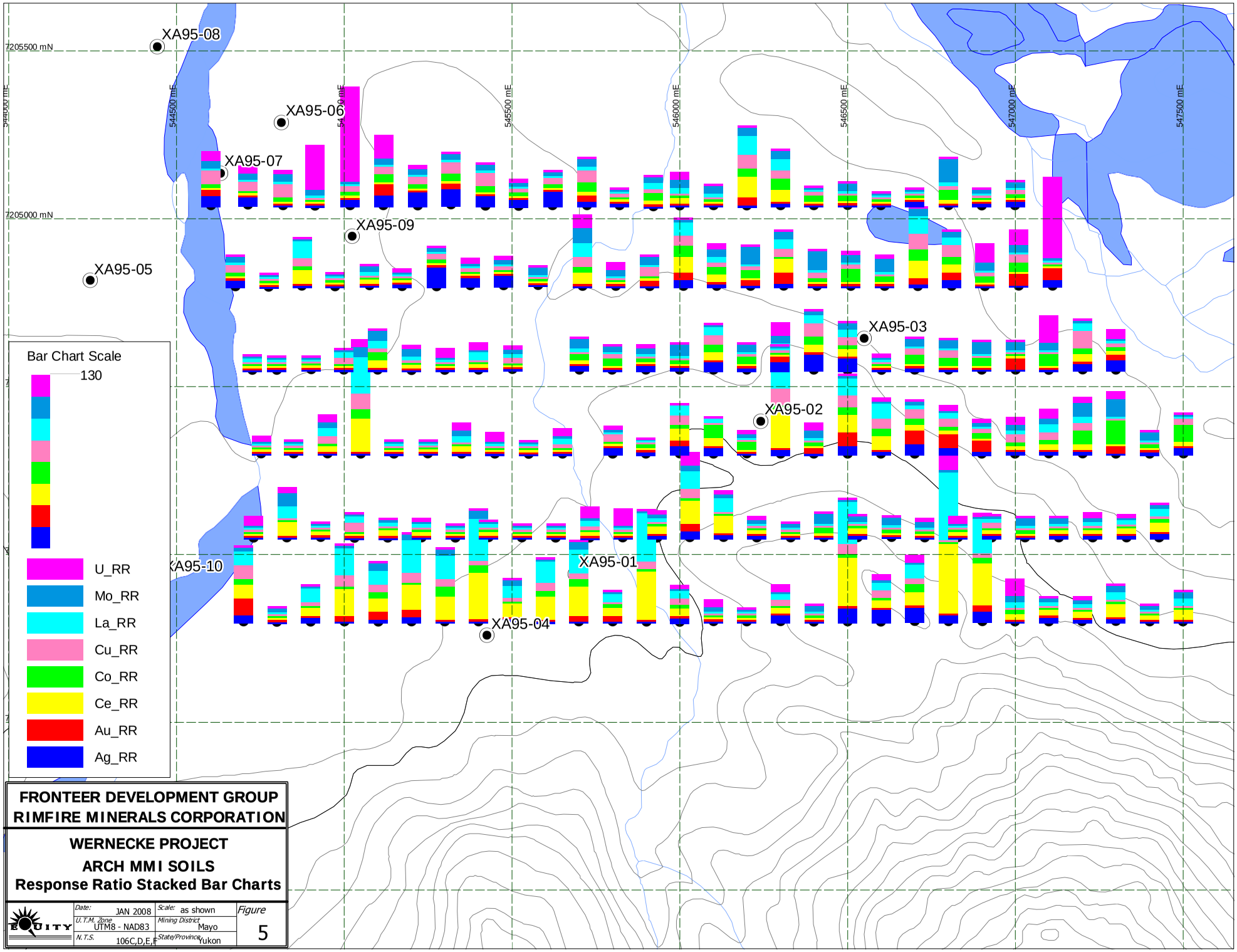
WERNECKE PROJECT
HOOVER MMI SOILS
Response Ratio Stacked Bar Charts

EQUITY	Date: JAN 2008	Scale: as shown	Figure 4
	U.T.M. Zone: UTM8 - NAD83	Mining District: Mayo	
	N.T.S.: 106C,D,E,F	State/Province: Yukon	



FRONTEER DEVELOPMENT GROUP
RIMFIRE MINERALS CORPORATION

WERNECKE PROJECT
ARCH MMI SOILS
Response Ratio Stacked Bar Charts

EQUITY	Date: JAN 2008	Scale: as shown	Figure 5
	U.T.M. Zone: UTM8 - NAD83	Mining District: Mayo	
	N.T.S.: 106C,D,E,F	State/Province: Yukon	

At Arch, little in the way of RR systematics is indicated (Figure 5). Some isolated samples show spikes of U or other REEs and a few samples to the east show elevated Co but Cu and Au are consistently quite low.

Since these are the first MMI data for the Wernecke properties, it is difficult to interpret them unambiguously. Drill-testing of the Hoover anomalies is not warranted based on these data alone.

8.3 Rock Geochemistry

Rock geochemistry from exploration prior to 2006 has been compiled into a historical data set and has been treated independently from the 2006 and 2007 data due to differing analytical procedures and detection limits. On accompanying maps, the percentile values – calculated independently on each sub-set of the rock data - are plotted rather than the absolute values. As with the soil data, different analytical techniques and detection limits preclude merging the data directly. The historical data set comprises about 3700 rock samples collected from within the project area. Nearly all of this data is from exploration programs carried out in the mid 1990s as part of the FJV project.

In 2006, a total of 585 rock samples were collected from within the project area while 975 rocks were collected in 2007. Percentiles and correlation coefficients determined for the historical and 2006-2007 data sets are presented below in Tables 8 through 11.

Table 8: Historical Rock Geochemistry Percentiles

Percentile	Ag (ppm)	Au (ppb)	Bi (ppm)	Co (ppm)	Cu (%)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U308 (%)	Zn (ppm)
98th	9.0	620	20	507	4.31	67	167	123	134	337	0.160	293
95th	3.0	255	10	245	1.96	31	96	36	120	264	0.020	142
90th	1.4	110	6	113	0.96	15	65	14	91	143	0.004	92
85th	0.6	55	6	80	0.54	10	52	8	42	141	0.002	64
80th	0.2	35	4	58	0.33	7	44	6	9	138	0.001	50
70th	0.2	20	2	39	0.14	4	35	2	6	121	0.001	32
50th	0.2	5	2	21	0.02	1	25	2	5	99	0.001	18
Max. Value	336	257143	3900	7040	45.2	1624	10000	5300	144	385	7.179	5430
Population	3703	3702	3672	3694	3743	3677	3673	3676	12	11	1462	3676

Table 9: Correlation Matrix for Historical Rock Geochemistry

	Ag	As	Au	Bi	Co	Cu	Mo	Ni	Pb	U	Zn
Ag											
As	0.005										
Au	0.552	0.019									
Bi	0.055	0.007	0.004								
Co	0.089	0.199	0.076	0.046							
Cu	0.503	0.026	0.295	0.155	0.150						
Mo	0.073	0.011	0.069	0.004	0.057	0.085					
Ni	0.195	0.010	0.210	0.286	0.191	0.165	0.041				
Pb	0.050	0.256	0.014	0.087	0.017	0.035	0.021	0.011			
U	0.033	0.227	0.133	0.007	0.092	0.005	0.020	0.012	0.688		
Zn	0.105	0.000	0.064	0.160	0.025	0.152	0.003	0.043	0.378	0.004	

Table 10: 2006 and 2007 Rock Geochemistry Percentiles

Percentile[a]	Au (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Ce (ppm)	Co (ppm)	Cu (%)	Mo (ppm)	Ni (ppm)	Pb (ppm)	Sb (ppm)	Th (ppm)	U (ppm)	Zn (ppm)
98th	2.0	17.7	1123	67	>500	791	4.8	278	262	407	30.6	264	3348	260
95th	0.59	6.6	311	21	470	334	1.9	93	137	189	16.1	123	1910	121
90th	0.22	2.9	125	11	287	168	0.81	48	94	95	9.9	46	814	69
75th	0.05	0.8	40	2.6	120	59	0.17	12	50	20	3.5	19	70	29
50th	0.01	0.2	10	0.6	63	20	0.011	2.6	29	6.1	1.5	14	6.6	14
Max Value	110.5	749	>1%	2120	>500	>1%	24.5	>1%	4680	1.7%	>1%	1970	15%	7.5%
Population	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128	6128

Sample results below analytical detection were included in percentile calculations

Table 11: Correlation Matrix for 2006 and 2007 Rock Geochemistry

	Au	Ag	Bi	Ce	Co	Cu	La	Mo	Ni	Pb	Sb	Th	U	Zn
Au	1.00													
Ag	0.05	1.00												
Bi	0.46	0.37	1.00											
Ce	-0.01	-0.04	-0.01	1.00										
Co	0.00	0.02	0.01	0.02	1.00									
Cu	0.01	0.29	0.12	-0.04	0.07	1.00								
La	-0.01	-0.01	-0.01	0.40	0.00	-0.02	1.00							
Mo	0.31	0.10	0.19	0.04	0.00	-0.01	0.01	1.00						
Ni	0.02	0.09	0.09	-0.02	0.44	0.18	-0.01	0.00	1.00					
Pb	0.03	0.11	0.18	-0.01	-0.01	0.00	0.00	0.05	0.00	1.00				
Sb	0.01	0.93	0.26	-0.02	0.00	0.13	-0.01	0.00	0.02	0.01	1.00			
Th	0.01	-0.02	-0.01	0.19	-0.04	-0.06	0.41	0.00	-0.03	0.06	0.00	1.00		
U	0.05	0.00	0.03	0.09	-0.02	-0.02	0.02	0.03	-0.02	0.21	0.02	0.43	1.00	
Zn	0.00	0.03	0.00	-0.04	-0.01	-0.01	-0.01	-0.01	-0.01	0.15	0.01	-0.02	-0.01	1.00

Sample results below analytical detection were defined as null and excluded from correlation calculations

9.0 PROPERTY GEOLOGY AND MINERALIZATION

9.1 Arch Property

The Arch property (Map 3) is located along the southern edge of the Bonnet Plume River valley. The northern and eastern portions of the property were mapped, prospected and drilled during the FJV programs of the 1990s. The claims were staked to cover an airborne magnetic high and several Wernecke breccia occurrences. Historical results indicate a copper-mineralized fault zone with up to several percent chalcopyrite and geochemical values of up to 2.82% Cu with anomalous Au (Klatt and Stammers, 1994). Drilling intersected similar zones of fracture-controlled chalcopyrite and chalcopyrite-scapolite veins cutting biotite hornfels.

In 2007, ten rock samples were collected during several mapping and prospecting traverses on the claims following up anomalous historical and 2006 geochemical results. Significant results of these samples are presented in Table 12. At the north-eastern corner of property, a 10 cm-wide U-bearing vein was discovered cutting calcareous homolithic breccia. The vein has a strike length of at least 2 m and trends to the west-northwest. A select sample collected from the vein returned 0.11% U (sample 846455). New areas of minor copper mineralization related to shear zones were also encountered in the central area of the property, with assays returning 0.10% and 0.23% Cu. The Zelon Cu Minfile occurrence in the southeast bowl of the property was sampled and returned Cu values between 0.17% to 0.58%. The latter sample (847121) also assayed 0.56 g/t Au.

294 soil samples were collected on the Arch property along three contour soil lines and on a small grid. 168 grid samples – collected along six, 2.5 km-long lines – were analysed by Mobile Metal Ion (MMI) geochemical techniques. The grid was established to test the bedrock below overburden as a less expensive tool than drilling. Grid lines were spaced 250 m apart and samples were collected every 100 m. The results (Figure 5) from the MMI grid highlight a few patchy areas with anomalous Ag, Au, Cu, Ni, and U, however there is no anomalous signal to noise ratio for any one element over a large area.

Of the three contour soil lines, the one contouring along the eastern drainage, north of the Vulture showing, has a seven sample multi-element anomaly with 80th percentile and above values for Ag±As±Bi±Co±Ni±Pb±Zn. This soil line crosses the creek and has a single sample on the eastern slope whereas the rest of the samples are on the western slope. Opposite the ridge to the west of this anomaly is the Zelon showing. At the end of the soil line along slope to the east of Breccia creek, a single sample returned 80th percentile and above Ag-As-Bi-Cu-Pb-U-Zn. Both of these soil anomalies could be prospected upstream and upslope.

Further work on this property should include additional mapping and prospecting along the western portion of the claim. Mapping and prospecting should be performed slightly north and upslope of the DR showing at the southwestern margin of the property, at the outcrops along Breccia creek, upstream and upslope of the two soil anomalies, and on either side of the ridge near the Zelon Cu showing. No additional soil sampling on the property is recommended as nearly all slopes have been sampled.

Table 12: Arch Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
846455	Arch	0.009	0.06	0.36	7	62.3	3.37	16.7	314	6.75	44.5	1100	7
846457	Arch	0.009	0.13	0.88	20.2	2320	1.36	27.6	6.1	0.65	22	8.6	41
847119	Arch	0.039	0.39	0.39	12.2	2840	2.15	17.1	6.5	0.61	30.1	107.5	9
847121	Arch	0.557	1	1.67	18.7	5820	5.41	24.3	2.3	0.92	7.8	2.7	11
847122	Arch	0.042	0.53	0.92	14.8	3680	1.47	40.9	1.5	0.87	8.1	2.4	7
847123	Arch	0.026	0.4	0.5	41.1	4490	2.11	32.3	1.8	0.73	22.5	3.2	11

Significantly, an error was discovered in the 1996 assessment report on the Arch property (Vance et al., 1996). The error found is in Table 9.2.1 which reports 11.8 m of 0.52 % Cu in hole XA95-5. When compared to the drill logs and the original certificates the actual results are 0.05% Cu. Given that this was the best interval for the 1995 drill program on Arch, the property's prospectivity is diminished.

9.2 Arctos Property

Written permission was provided to Dave Kuran by Bernie Kreft for Wernecke personnel to examine this property which is available for option to Fronteer. Both the Orb showing (which is on Fronteer ground) and the Arctos showing were examined and sampled and significant mineralization is presented in Table 13.

The Orb showing comprises a 20 by 20 m area of sub-cropping Gillespie Lake Group massive dolomite that is intensely to weakly silicified. Minor hydrothermal dolomite occurs within the silica-dominated zones. Minor chalcopyrite occurs along fractures within the most strongly altered zones. Previous reports indicate very high-grade copper described as large pods and blebs. These were quite clearly select samples and no mineralization of this sort was observed. There is a remote chance that the area observed was not the actual showing but owing to gentle topography most ground in the area was examined.

The Arctos showing is exposed within a moderately steep creek gully. It comprises a 1.25 m-wide fault zone exposed in outcrops on both sides of the creek. The fault zone is characterized by bleached to reddish, altered Wernecke Breccia that registers 600 to 4000 cps. A discontinuous white quartz-carbonate vein occurs within the fault and is up to 40 cm wide. This vein locally contains pods of massive chalcopyrite. Minor malachite and uranophane coat weathered surfaces. Specular hematite is widespread and indicates that the reddish colour is likely fine hematite dusting rather than potassium feldspar. The fault zone strikes about 170^{o} and dips moderately to the west.

Outcrop is continuous up and down stream from the showing for 50 to 100 m. These exposures cut nearly perpendicular to the mineralized fault providing a convenient cross-section. No other mineralization is present in the cliffs around the Arctos suggesting that it is an isolated, narrow zone without much hope for linking together several similar zones.

More work on the Arctos is warranted. The broad areas of anomalous soil samples, however, may indicate buried mineralization. The final recommendations from the Fairchild JV-era report (Dickie and Stammers, 1995) included a modest drill program for the Arctos which seems warranted.

Table 13: Arctos Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839627	Arctos	0.803	0.58	1.17	32.4	6120	19.15	6	4.1	2.17	15.5	39.7	2

9.3 Auks Property

The Auks property is located approximately 4 km east-southeast of the Olympic property (Map 5) and comprises 56 claims, 20 of which were staked in 2007. In 1997, the FJV drilled seven holes in the Auks area (Stammers, 1997a). The first three holes targeted Cu-Au soil geochemistry and exposures of Wernecke Breccia. The remaining four holes tested a large, deep-seated, circular magnetic high, whose depth was modelled by Newmont geophysicists at 800 m below surface. The three holes spotted on soil geochemistry encountered long intervals of low but anomalous Cu and Au values within hematite breccia; the best intersection was in hole LY97-01, with 82.5 m averaging 1037 ppm Cu and 16 ppb Au. The first three holes testing the magnetic high encountered hematite breccia, dolomitic siltstone and interbedded argillite/siltstone without significant alteration or mineralization so they were terminated before reaching target depths. The last hole, LY97-10, intersected magnetite-bearing diorite below 380 m, but magnetic susceptibility measurements for the diorite were still considered too low to explain the large magnetic anomaly. Its best intersection was 16.5 m grading 1300 ppm Cu and 23 ppb Au in hematite breccia from 114.05 m.

Work on this property during the 2007 season included reconnaissance mapping, prospecting, and soil sampling. The mapping and prospecting was conducted within an airborne gravity anomaly comprising the eastern extent of the current Auks property. A rugged N-S trending ridge line of orange-weathering dolomite underlies this part of the property and given the arguments of Barnett (2007), this topographic high likely caused the gravity anomaly. Additionally, very little alteration or mineralization is present in this well-exposed part of the property. Along the east-facing slope, a previously unmapped heterolithic breccia body crops out which seems to trend for at least several hundred metres to the north with a potential width of 100 m.

A total of 138 soil samples were collected along four contour lines east of the Auks Property, down-slope from the airborne gravity anomaly target. The analytical results from these samples show slightly elevated levels within few soils taken at the southern extent of the contour lines, specifically Ni, Cu, Co, and Mo.

9.4 Caribou Property

The Caribou property (Map 4) was staked in 2006 to cover a 1.7 by 1.9 km radiometric anomaly (>10 cps) centred about 8 km due north of Fairchild Lake. The northern part of the property covers a faulted contact between the Quartet Group and Phanerozoic rocks. Weak U geochemical anomalies were detected in 2006 so a single contour soil line for 34 samples and a prospecting traverse were completed in 2007. No significant mineralization was found in float or outcrop. Ten continuous soil samples returned >75th percentile U with a peak of three samples returning >90th percentile. These samples also returned sporadically elevated Au, Pb and Zn. This soil anomaly has not been explained.

9.5 Fireweed Property

The Fireweed property comprises a block of 126 mineral claims north of the Slats Property centered 15 km WNW of the Copper Point Camp (Map 8). Several Minfile occurrences are located within the property including Otis (U), Radio (Cu-U) and Wombat (U). Significant sample results from within the entire property are evident in the Table 14.

The Fireweed property lies on the western limb of the Bonnet Plume River Anticline and features green phyllite and calcsilicate of the Fairchild Lake Group (PFL) and grey to black phyllite and slate of the Quartet Group (PQ). These units have faulted contacts. Three large Wernecke Breccia (Pwb) bodies and associated metasomatised sedimentary rock underlie the property and are seemingly controlled by regional N-S trending faults. The northernmost breccia is an E-W trending mushroom shaped body. Mapping in 2006 and 2007 revealed that much of these “breccia bodies” are actually faulted and sheared metasomatised sedimentary rock with much smaller volumes of actual breccia. Numerous N-S trending, subvertical faults cross-cut the area, some of which feature spotty, narrow (<30 cm wide) zones of U mineralization (Archer, 1976) (Map 1).

The Fireweed claims have been explored since the late 1970s by numerous companies including Archer Cathro, Pan Ocean Oil-Mountaineer Mines Joint Venture and the Fronteer / Rimfire joint venture in 2006. The Fireweed boulder field showing was discovered in 2006 (Heffernan et al., 2007) within a target delineated by an 8 cps airborne uranium radiometric anomaly occurring 350 m from the Otis U showing (Archer, 1976). The Otis was drilled with a single diamond drill hole which tested a NORTH-NORTHWEST-trending, brannerite-bearing fault which is approximately 100 m from a breccia body (Archer, 1980). The drillhole did not intersect significant mineralization and no further work was conducted on the Otis.

Table 14: Fireweed Property Significant Mineralization, Property wide

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839504	Fireweed	0.022	5.88	20.7	12	5690	15.8	39.2	2.5	0.53	18.6	8.4	24
839620	Fireweed	0.009	0.03	0.07	15.8	7340	0.86	5.7	3.8	0.55	1.6	3.9	4
839651	Fireweed	0.101	0.1	2.33	25.6	3420	3.6	23.8	6	0.92	5.4	10.5	60
839808	Fireweed	0.009	0.21	0.75	7.5	39.8	3.07	38.6	78.7	7.62	330	2600	13
839812	Fireweed	0.009	0.01	0.26	6.9	7.4	0.6	35.9	64	3.24	130.5	700	12
839922	Fireweed	0.031	0.21	1.84	7.7	11550	2.2	12.6	2.8	0.51	12.8	3.2	8
839923	Fireweed	0.024	0.14	1.01	9.5	20000	1.22	11.6	2.4	0.43	11.8	2.5	9
839924	Fireweed	0.133	1.62	5.33	25.2	96500	2.77	18.6	13.4	0.9	8.7	2.1	16
839925	Fireweed	0.109	0.72	4.36	41.4	62300	6.86	62.1	10.5	0.76	5.7	3.5	16
839926	Fireweed	0.254	2.65	16.9	50.1	96900	5.34	98.3	39.6	1.08	3.8	2.8	25
846141	Fireweed	0.012	0.44	1.79	127.5	6530	12.85	33.4	13.6	3.75	13.6	338	6
846142	Fireweed	0.053	4.77	12.55	110	15150	12.45	41.8	585	103	14.1	960	7
846143	Fireweed	0.042	5.56	23.6	58.2	2380	17.5	29.8	122.5	44.2	9.6	92.3	-2
846310	Fireweed	0.009	0.04	0.16	10.6	13550	1.1	19.7	3.2	0.53	9.7	8.7	18
847141	Fireweed	0.009	0.02	0.05	7.1	22600	0.39	9.8	4.2	0.64	9.7	48.6	13
847142	Fireweed	0.009	0.29	0.3	4	136.5	0.41	4.3	22.1	3.46	84.9	640	10

9.5.1 Fireweed Boulder Field

The Fireweed boulder field covers a 400 by 200 m area on a grassy west-facing plateau. The plateau is underlain by variably foliated, grey to green chloritic±sericitic phyllite and lesser schist to the north of the plateau. Zones of higher strain are common and are marked by chlorite-sericite shear zones. Three main foliations were mapped including north trending (340-010° strike), east trending and northeast trending (015-045° strike). The northern trend is the dominant across the plateau. At least three generations of veins occur roughly concordant to the main foliations. These include S to SW striking quartz-pink hemititic plagioclase-chlorite±brannerite, south-striking quartz-chlorite veins, and quartz-specularite ± pink hematitic plagioclase veins with N, NW and NE strikes. Abundant 080-100° striking subvertical quartz veins occur adjacent to NE

striking chloritic shear zones along the southern margin of the plateau. Rare veins with associated Cu mineralization occur at both ends of the plateau. Uranium mineralization consists of medium to coarse-grained brannerite within moderate to strong pink hematitic plagioclase-specularite altered and veined chloritic phyllite.

No uranium mineralization comparable to that of the boulders sampled in 2006 was observed in outcrop. At the northern edge of the plateau, anomalous scintillometer readings were returned from sooty coated (secondary uranium phases?), east-trending, steeply south-dipping fractures. At the southern end of the plateau, a few small patches of elevated radioactivity (to a maximum of 1400 cps in outcrop) correspond to areas of strong quartz-pink hematitic plagioclase breccia veining with jarosite staining. Scintillometer and ground magnetic surveys were completed over the Fireweed boulder field in 2007 and are discussed in Section 11.

Four blast trenches were completed across the inferred structural lineament at Fireweed in 2007 using a small heli-portable excavator. Thick overburden and subcrop prevented trenches 2 and 3 from reaching bedrock. Trench 1 exposed limited outcrop and trench 4 had the best exposure. Both trenches 1 and 4 provided good structural data and confirmed the dominant south-southwest trend of the hematitic plagioclase-quartz veins hosting U mineralization. All four trenches were chip sampled along their entire length. No significantly anomalous results were returned, although a single sample returned 234 ppm U.

9.5.2 Kelsey Zone

24 claims were added to the Fireweed property in 2007 to extend the northeast margin of the existing claim group. These claims were added to cover the contact between Fairchild Group sedimentary rocks and homolithic breccia. The contact is characterized by elevated radioactivity and locally minor copper mineralization (Table 15). The Kelsey Zone was discovered on a slope facing the Bonnet Plume River 2.1 km NNE from the Fireweed boulder field in 2007. This altered and mineralized zone resembles the Fireweed boulder field material. Uranium mineralization is associated with a zone of irregular pink plagioclase alteration zones with quartz and hematite. The northern portion of the plagioclase-quartz alteration zone has an adjacent 4 m-wide blow-out of strongly weathered calcite with scintillometer readings of 700-1200 cps. Mineralization of this portion of the alteration zone consists of strongly weathered chalcopyrite (?), hematite and secondary malachite/azurite. No uranium minerals were observed in the carbonate vein. All the visible copper mineralization is hosted within the carbonate vein and the adjacent pink plagioclase-quartz alteration zone hosts only uranium.

Table 15: Fireweed Property Significant Mineralization, Kelsey Zone

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839506	Fireweed	0.05	1.09	24	21.2	5390	5.17	21.5	2.6	0.42	14.3	7.3	16
839507	Fireweed	0.563	0.44	2.35	5	136500	0.69	9	5.7	0.26	0.2	1.4	22
839509	Fireweed	0.007	0.16	0.16	16.7	445	1.04	84.6	50	6.63	37.4	810	26
839901	Fireweed	0.018	0.29	1.86	6.8	107	5.58	14.7	100	3.62	108	1200	20
839909	Fireweed	0.19	0.2	0.38	35.9	19.1	0.87	149.5	38.4	1.02	8.9	128	118

The margins of the mineralized pink plagioclase alteration zone are diffuse and moderately well defined with strong chlorite bordering the anomalous uranium zone. The alteration zone is concordant with local bedding and trends 340º, dipping about 65º. The zone is hosted in metamorphosed weakly chloritized dolomitic siltstone of the Fairchild Lake Group which are 100 m south, across strike from a heterolithic breccia body. The contact presumably was a conduit for uranium-rich fluids.

The alteration zone was exposed in four trenches over 430 m and varies in width from 4-5 m. Chip samples of both the mineralized alteration zone and the unmineralized host were collected where solid bedrock was exposed and grab sampled were only sub-crop was uncovered.

9.5.3 Fireweed West

The Fireweed West area is located 2 km west-southwest of the Fireweed Boulder field on the west side of Slats Creek. The majority of the outcrop is around the rim of a north facing grassy plateau. The area has a weak airborne radiometric (KTh) anomaly as well as a coincident magnetic high.

Homolithic Wernecke breccia crops out on the edges of the plateau and likely underlies the plateau, based on the airborne magnetic signature. The matrix of the breccia is fine-grained, orange to brown with specular hematite and carbonate cement. Clasts are 1-10 cm, sub-angular, grey to black siltstone. Alteration comprises plagioclase, magnetite, hematite and pyrite. The lower slopes off the plateau are underlain by phyllitic grey to green siltstone with minor interbeds of mudstone and dolomite and show gradational contacts. Up to 5% disseminated hematite and magnetite occur on fractures and in millimetre-scale porphyroblasts throughout the unit. Bedding-concordant milky quartz veins contain up to 10% calcite and host the pyrite and copper mineralization. Disseminated to semi-massive magnetite and trace amounts of pyrite were observed associated with quartz carbonate veins along the periphery of the breccia. Sample 846372 (Table 16) was collected from a silica-carbonate altered siltstone proximal to the breccia contact which recorded 1500 cps on the hand-held scintillometer. This sample returned significant values including 30.3 g/t Au and very high Bi-Ni-Pb and >1000 ppm Se and contains trace visible gold and a gun metal grey sulphide phase that is likely bismuthinite or some unusual Bi-Se phase. Other float samples in Table 16 were collected from silica-iron carbonate-potassic feldspar-hematite altered siltstone, locally with net-textured semi-massive chalcopyrite (e.g. 846366) and disseminated brannerite (e.g. 846369).

Table 16: Fireweed West Significant Results

Sample#	Type	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
846366	Float	0.064	82.5	16.25	224	5.8%	0.7	101	18	30.6	1.9	0.5	121
846367	Float	0.047	8.05	12.2	96.7	2.1%	0.37	41.9	8.4	11.3	3.9	0.7	48
846368	Float	0.389	1.7	11.9	95	86.1	86.1	31	59.3	5.66	14.5	1900	6
846369	Float	0.338	2.03	34.3	23.3	82.4	83	27.1	378	6.48	8.7	2200	8
846370	Float	0.047	0.27	13.1	97.8	29	6.86	25	10	2.07	15.6	297	5
846372	Grab	30.3	15.4	2120	24.8	44.6	5.15	268	381	13	54.1	217	4

9.5.4 Discussion and Recommendations

Mineralization on the Fireweed property appears to be related to fault zones and Wernecke breccia contacts where fluids were concentrated. Elevated Au and Cu in soil occur proximal to major lineaments (interpreted as faults) and at breccia and Fairchild Lake Group contacts. Uranium values do not typically report well in soil geochemistry (Heffernan et al., 2007) but the elevated values that are present tend to be near major structures and along the margins of breccia bodies.

The Fireweed boulder field received the most attention with detailed mapping, trenching, ground magnetics and scintillometer survey and a five hole drill program. All the mapping and surveys indicate that the most prospective zone was targeted by the drill program but results were disappointing. This could be in part due to the course podiform nature of the brannerite mineralization which was observed in boulders on surface. At this time no further work is warranted on the Fireweed boulder field and nearby area.

The Kelsey zone has limited potential and is a relatively narrow zone – four to five meters – with low uranium assay values. Likewise the copper mineralization is spotty and discontinuous. The carbonate vein hosting the mineralization does not contain any uranium and may be related to a later event. No further work is recommended for this area.

Three days of prospecting and mapping were completed at the Fireweed West. Three soil contour lines were completed below the plateau with spotty results and poor continuity of anomalous values. In spite of this, several noteworthy rock samples - including 846372 which returned 30.3 g/t Au - were collected in the area. Follow up prospecting and more detailed mapping of the area should be undertaken. Unlike the

Fireweed Boulder Field, this area has a more widespread alteration and metal signature consistent with a Wernecke breccia-associated IOCG system.

9.6 Glacier Lake Property

The Glacier Lake property is located north of Dolores Creek approximately 30 km east-southeast of the Copper Point Camp and is discussed in detail by Heffernan et al. (2007). In 2007, a single mapping and prospecting traverse was completed in the northeast corner of the property within a 2006 U-Cu-Co soil anomaly. One float sample with trace chalcopyrite that registered 2000-3000 cps returned 1600 ppm U. The area is underlain by abundant heterolithic Wernecke breccia and diorite but overall mineralization is rare.

9.7 Hoover Property

Only reconnaissance mapping and sampling were completed at the Hoover property this year since extensive surface geochemical sampling and mapping were completed by the FJV in the 1990s (Baknes and Stammers, 1993; Jones, 1995b). Detailed descriptions of the geology of the area are provided in these earlier reports.

9.8 Jazz-Thunder Mountain (JTM) Property

The Jazz-Thunder Mountain property (Map 12) comprises an isolated group of claims 40 km southeast of the Copper Point airstrip. The Jazz Claims were first staked by Westmin in 1992 for their copper and gold potential. Westmin, and subsequently the FJV explored the property until 1997 when they drilled eight holes (Stammers, 1997b). Most holes targeted a strong, north-trending, west-dipping magnetic high identified by Newmont's airborne survey, but the first two were directed at copper-bearing surface mineralization. Many of the drill holes intersected short intervals of either coarse blebby chalcopyrite-pyrite or carbonate veinlet-hosted chalcopyrite. Mineralization is localized at hematite breccia/sediment or breccia/diorite contacts. The best drill intersection returned 8650 ppm Cu and 185 ppb Au across 1.1 m. Detailed geology of the Jazz Claims from the FJV work is presented by Owerko (1995) and Stammers (1997b).

In 2006, Fronteer discovered the Ewe-1 and Ewe-2 (later called the Thunder Mountain) showings, 5.5 km northwest of Jazz while conducting reconnaissance prospecting radiometric anomalies for uranium mineralization. Significantly, the Ewe-2 showing returned two high grade rock samples of 110.5 g/t Au with 0.48% U and 92 g/t Au with 0.58% U. The occurrences are associated with previously unmapped Wernecke Breccia. 42 claims were staked to cover the showing and to make the claims contiguous with the Jazz claims. Follow-up work that year consisted of further prospecting and contour soil sampling.

In 2007, the Ewe-1 and Ewe-2 were examined and the associated Wernecke Breccia bodies were mapped in detail. A major soil grid comprising 233 samples collected at 50 m intervals from lines 100 m apart was completed across the broad valley that hosts the two showings (Map 6). Several days of prospecting were also completed to follow-up 2006 soil anomalies. Blast and hand-trenching were completed at Ewe-2 and the Ewe-1 was chip sampled. The Equalizer Showing – a new high-grade Mo-Au-U showing – was discovered in a creek gully 150 m west of the Ewe-1 showing.

The Thunder Mountain area (i.e. the far western part of the Jazz-Thunder Mountain Property) is characterized by a 1.5 km-wide flat bottomed valley draining towards the northeast. Surrounding this valley are rugged, typically impassable cliffs with long talus slopes enveloping the slope breaks. The valley is dissected by several creeks that provide nearly continuous outcrop exposure. In general, exposure is good in the valley but large areas are covered by moraines and rock glaciers, including some in the upper parts of the valley where glacier ice was observed in sink holes.

Geologically, the area is underlain by east-striking, moderately south-dipping, siltstone with lesser mudstone of the Quartet Group (PQ). A unit of sandstone is exposed west of the Ewe-2 Showing and is probably part of the upper Quartet Group. These sedimentary units are cut by two main elongate homolithic and heterolithic composite bodies of Wernecke breccia with minor diorite. The breccia body in the Uwe-2

area trends northwest and is at least 1.1 km long by about 100 m wide. The breccia body near the Uwe-1 showing trends east-west and is at least 900 m long by about 200 m wide.

The breccia is generally discordant to siltstones and sandstones of the enclosing Quartet Group stratigraphy. Best metal values appear to correlate with heterolithic breccia within bodies of composite breccia that comprise both heterolithic and homolithic varieties. Heterolithic breccia has sharp, faulted contacts with homolithic breccia and adjacent metasedimentary rocks, hosts enclaves of diorite, and commonly carries higher background radioactivity of about 400 cps. By contrast, homolithic breccia generally lacks anomalous radioactivity (background of about 250 cps), clasts invariably represent the adjacent rock type (typically siltstone) and transitional contacts with host metasediments are common.

9.8.1 Mineralization

The Ewe-1 showing is characterized by moderate U scintillometer readings to 1100 cps hosted by steeply-dipping fine-grained sandstone. Conspicuous erythrite (cobalt bloom) and malachite coat the showing outcrop consistent with the presence of 0.5-2% disseminated chalcopyrite and trace cobaltite. Mapping in 2007 revealed an extension of the known area of uranium mineralization to the southeast. Scintillometer readings to 3500 cps have now been identified in outcrops and float that comprise heterolithic Wernecke breccia, over an area of approximately 200 by 150 m. Secondary uranium (uranophane) was noted as a yellow coating on float in one location. Additionally, the copper-cobalt style of mineralization extends for at least 50 m of strike length north of the Ewe-1 showing. Outcrops of Wernecke breccia are also identified in bluffs south of the Ewe-1 showing continuing to the east where they merge with a large body of Wernecke breccia intruding Quartet Group siltstone, exposed in cliffs approximately 500 m east of Ewe-1.

The Equalizer - a new U-Mo-Au showing - was discovered in a creek west of the Uwe-1 showing. It comprises several cm-scale pods of coarse-grained molybdenite within a 3 by 3 m area of heterolithic Wernecke breccia that has >1000 cps. Maximum scintillometer response is 8000 cps. Brannerite and molybdenite occurs as fine, disseminated grains. Visible gold is common within limonitic crusts associated with the most abundant molybdenite and samples of this material returned >1% Mo and 10.1 g/t Au (Table 17). The zone is localized along the contact between heterolithic and homolithic breccia which is defined by a 25 cm-wide brittle fault structure which truncates the mineralization.

Table 17: 2007 Jazz Thunder Mtn. Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839561	JazzThdrMtn	0.819	7.23	15.05	196.5	31900	2.65	325	30.4	2.88	7.5	1.4	33
839625	JazzThdrMtn	3.38	0.7	74.9	76.9	78.5	15.9	62.3	114	5.61	63.9	1600	55
839628	JazzThdrMtn	0.38	8.17	58.3	41.9	6600	6.27	190	152	42.7	0.4	1.1	192
839629	Equalizer	10.1	5.56	235	15.1	108.5	>1%	45.1	18.2	4.49	25.4	231	21
846105	JazzThdrMtn	0.209	0.73	24.8	100	535	10.6	275	16.4	5.35	17	6.4	25
846113	JazzThdrMtn	0.675	2.46	11.05	226	17950	62.1	111	8.9	2.28	11.8	69.4	16
846114	Ewe-1	0.742	4.23	12.05	924	11600	80.4	88.1	13.7	3.39	15.3	24.6	23
846116	JazzThdrMtn	0.184	9.67	52.1	50.9	3700	3.81	262	45.1	8.99	15.1	10.1	59
846117	JazzThdrMtn	0.115	12	5.78	68.6	41100	9.17	60	13.4	3.87	16	6.5	17
846118	JazzThdrMtn	0.154	1.33	39.3	206	3120	5.96	267	117.5	3.93	7.4	3	14
846209	JazzThdrMtn	0.157	0.05	0.81	13.6	2.9	9.8	21.1	11.5	2.22	32.4	72.3	4
846291	JazzThdrMtn	2.84	2.01	339	22.6	9	1555	38.9	276	4.98	30.7	359	14
846292	JazzThdrMtn	0.695	0.13	6.1	48.4	23.6	17.65	18.8	5.1	1.71	14.2	48.1	19
846293	JazzThdrMtn	2.02	3.72	66.3	78.5	9.8	1375	86.4	20.9	2.23	25.7	295	7
846294	JazzThdrMtn	0.323	7.5	17.2	6.6	13.2	6.46	7.5	5.6	1.41	12	82.1	8
846295	JazzThdrMtn	0.055	1.54	3.81	14.8	12500	9.49	27.7	3.8	1.76	17	10.9	21
846296	JazzThdrMtn	0.426	0.95	45.5	26.1	85.9	191.5	31.6	9.5	1.1	13.2	80.6	7
846454	JazzThdrMtn	0.45	2.87	10.7	592	22300	361	111	5.3	1.18	11.6	47.6	18
846463	JazzThdrMtn	4.97	25.6	211	14	149	10001	27.7	399	12.2	40.4	3700	11
846465	JazzThdrMtn	0.151	1.12	4.29	394	5920	54.5	72.7	4.2	2.25	13.6	29.2	12
846466	JazzThdrMtn	0.163	0.15	2.68	323	575	67.4	72.9	2.5	1.53	6.9	17.3	25
846475	JazzThdrMtn	1.045	6.94	58.2	29.2	6460	14.8	91.8	8.8	4.87	13.7	7.1	9

The Ewe-2 showing is characterized by centimetre-scale pods of limonitic crust with elevated radioactivity (350 to 650 cps but up to 9000 cps) and locally visible gold (bonanza-grade 2006 samples were collected from this material). Additionally, high copper-gold in rock chip samples (to 6.8% Cu, 1.6 ppm Au) were returned from outcrops northwest of the Ewe-2 showing. An eight metre-long trench was blasted to bedrock to examine the geological setting of bonanza-grade gold mineralization and associated U at the Ewe-2 showing (rock samples returning 110 and 92 ppm Au in breccia float). Heterolithic breccia (bht) is encountered throughout the trench. Typical alteration assemblages include abundant chlorite and moderate amounts of calcite, muscovite, plagioclase, quartz and hematite. Silicification is variable. Six chip samples were taken along the length of the trench. Scintillometer readings are consistent throughout the trench (near 500 cps); anomalous values are lacking. Anomalous readings taken at surface prior to opening the trench are attributed to limonite-rich crusts identified in surface samples that gave readings to 1500 cps. These do not appear to persist to depth.

Several areas that returned elevated Ni-Co-U-Au in soils in 2006 were prospected. Anomalous soil samples taken along much of the length of the most southwesterly line of sampling at Thunder Mountain remain unexplained, despite prospecting the source of this multi-element anomaly. Many samples along this soil line lie in the 98 percentile range for Co and Ni, the 95 percentile range for Cu and Mo, and the 85 percentile range for Au. Samples along this line generally represent siltstone talus – boulders of Wernecke breccia are uncommon.

The Ewe-1 showing outcrop was continuously chip sampled in 2007 (Table 18). The zone is elevated in Au-Co-Cu-Mo-Ni and returned 11.75 m (essentially true width) of 0.23 g/t Au, 481 ppm Co and 0.55% Cu. The chip samples extended from about 11 m outbound of a Wernecke breccia body with sampling conducted towards the breccia. The last significant sample (847165) was collected from breccia while the next sample collected within the breccia returned insignificant values.

Table 18: 2007 Ewe-1 Chip Samples

Sample#	True width (m)	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
847155	1.0	0.232	2.31	3.78	444	7330	29.5	43.4	5.1	2.02	15.2	30.5	9
847156	0.75	0.307	1.35	1.76	1275	2590	13.95	69.7	3.5	1.48	16.7	27.2	6
847157	1.0	0.298	2.13	6.11	264	2860	42.7	34.6	4	2.2	13.9	14.5	8
847158	1.0	0.208	3.58	4.67	240	4720	44.2	28.2	3.8	2.11	14.6	18.8	8
847159	1.5	0.247	2.18	3.64	1175	3330	36.5	49.5	3.9	1.68	16.2	22.7	9
847160	1.5	0.328	2.75	4.45	395	4740	41.6	41.2	4.2	1.61	14.5	22.9	10
847161	1.5	0.235	2.28	3.58	324	8990	29.4	55.5	3.9	1.78	14.7	27.6	17
847162	1.0	0.274	2.83	4.1	174.5	6190	36	48.4	4	1.8	15.3	31.1	13
847163	1.0	0.075	1.72	2.34	616	7110	17.65	48.3	4.8	1.23	16.8	23.8	13
847164	1.5	0.097	0.78	1.63	95	3330	18.25	19.8	2.7	1.07	14.2	10.3	4
847165	1.0	0.261	1.82	7.9	422	11350	412	76.5	4.5	1.21	12.8	36	19

9.8.2 Conclusions & Recommendations

All bedrock mineralization discovered so far at Thunder Mountain is associated with Wernecke breccia body contact. The most significant showings locally exhibit high grades in Au, Mo, Co but the areal extent of mineralization is very limited. The Au-U-Mo-Ni-Ag-Co-Cu metal association and alteration is consistent with IOCG systems and these metal enrichments occur over a broad area. As such, it is not wise to completely write off the Thunder Mountain area. No targets are yet drillable, but a Wernecke breccia body contact with a coincident geophysical anomaly could easily elevate the area to a very high priority drill target. The subtle topography and broad areas without outcrop exposure would make the Thunder Mountain valley area amenable to induced polarization, ground magnetic and ground gravity surveys.

With limited tonnage potential for the observed coarse-grained, supergene-style gold in cm-wide limonitic crusts which returned bonanza-grade gold values in 2006, the real target for Thunder Mountain is a lower-grade, IOCG-type bulk tonnage deposit.

9.9 Mica-Hail Property

The Mica-Hail property (Map 11) is located 12 km southwest of the Copper Point airstrip and comprises the Hail, Rh, Ch, Pg and HE claims. The property was explored for uranium by Zelon Enterprises and the Prism Syndicate from 1976 to 1978 and by Texaco from 1980 to 1983. From 1992 to 1997 the area was explored by the FJV for Cu-Au IOCG deposits (Caulfield, 1992a, b; Owerko et al., 1994; Stammers, 1993). Several Cu±Au showings were identified but none were drilled.

The property is underlain by Fairchild Lake Group (PFL) rocks in the north which have been faulted over folded Quartet (PQ) and Gillespie Lake Group (PGL) rocks which underlie the southern half of the property. Large regions of northwest-trending Wernecke breccia crop out across the southern half of the property along a faulted contact. The regional-scale northeast-striking, steeply west-dipping Pagisteel Fault runs the entire length of Mica Creek, bisecting the area. Numerous smaller northwest-striking faults cross the area.

Three large, ≥8 cps U radiometric high anomalies occur within this area (Map 2). The first is a 2 by 1.4 km, oval-shaped anomaly (539000mE; 7198500mN) straddling the northern end of a large Wernecke Breccia (Pwb) body and coincides with the uraniferous boulder field on the Hail claims. An irregular uranium radiometric high (>8 cps) contains several smaller ≥10 cps anomalies including a 1.8 km-long north-south, oval anomaly centred on Mica Creek (538320mE; 7194900mN) and a northeast-elongate dumbbell shaped zone (535850mE; 7194600mN).

In 2007, fieldwork on the Mica claims consisted of mapping, prospecting and soil sampling along the Pagisteel Fault corridor. Contour soil and silt sampling, mapping, prospecting and trenching were completed on the Hail claims. Mapping and prospecting on the Hail focused on exploring the Lost Chris and Bullet Showings (Owerko et al., 1994) as well as between them and the Hail boulder field, which lead to the discovery of the Central Hail area.

9.9.1 Hail U boulder field

The Hail boulder field is located 1.5 km west of Mica Creek. The boulders occur across a 160 by 60 m area. At the top of the field the radioactive boulders stop at a thick veneer of Wernecke breccia talus. The area was sampled in the early 1980s and returned encouraging U results.

The densest part of the anomaly is confined to a 50 by 60 m area. The boulders compromise sheared and brecciated, metasomatised albite-actinolite altered pelitic rock, with rare malachite and brannerite. According to Hajek (1980), the boulder source is a shear zone located up slope. Low-magnitude (~300 cps) radioactive material was located in this area (Heffernan et al., 2007).

A second possible source is the sheared contact between the breccia and Quartet Group sedimentary rocks which crop out immediately east of the boulder train. This contact is covered by a thin layer of talus but the location can be inferred by the change in float lithology and a change in regolith from colluvium to grass covered soil.

In 2006, a total of 29 samples were taken from boulders across a 140 by 55 m area. Seventeen boulders sampled from the densest part of the train averaged 0.13% U, of which 13 samples returned greater than 0.08% U with a maximum of 0.25% U. Sampling of the same boulder train by previous workers returned values up to 5.9% U.

During the 2007 program, trenching upslope of the bolder field and mapping of the trench and surrounding area were undertaken. The mapping was unsuccessful at locating the source of the Hail boulders, although two uraniferous boulders were found 150 m upslope of the boulder field that returned 300 and 400 ppm U in rock samples 847018 and 847019, respectively (Table 19).

An 18 m-long blast trench was completed with the aid of a Kubota excavator 2 m above the furthest upslope boulder. The south end of the trench was exposed to bedrock for 5 m with slightly elevated scintillometer readings due mainly to minor faulting. The northern part of the trench was primarily large, blocky subcrop with intense clay alteration between fractures of the host breccia. An 8 m interval exhibited elevated scintillometer response above 300 cps to a maximum of 500 cps over the subcropping area. Two

samples were taken from the trench at the southern end to test the mineralization across the faulted zones but results were insignificant.

Further blast trenching and excavation at the existing trench could be undertaken to reach bedrock on the northern end where the strongest scintillometer readings were located. However, the area's uraniferous mineralization seems to be highly localized and likely represents only a small anomalous zone.

9.9.2 Lost Chris and Bullet Showings

The Lost Chris Showing, located on the western side of the Hail property, consists of disseminated and stringer chalcopyrite and pyrite associated with siderite-ankerite±quartz stockwork veins. The Bullet showing is located 250 m to the northwest of the Lost Chris Showing. Abundant mineralized float in talus between the two showings indicates that both zones represent a single continuous structure (Owerko et al., 1994).

In 2007, mapping, soil sampling, hand trenching and prospecting were carried out in the area of the Lost Chris and Bullet showings. Mapping in the area delineated the orientation of the Lost Chris and Bullet showings and provides more evidence that these two showings are part of a single structure. Mapping to the east, on the opposite side of the ridge, revealed a shear zone along strike of the Lost Chris and Bullet Showings, which is likely related to the late stage hydrothermal event thought to be the source of the mineralization in this area (Owerko et al., 1994).

Twenty two rock samples were taken in the area, mainly grab and chip samples (Table 19). Mineralization is typically hosted in, or related to, carbonate (siderite-ankerite)-quartz stockwork hosted by mudstone and altered sedimentary rocks. Several in situ samples returned >1% copper including two continuous 2.5 m long chip samples (847016 and 847017) taken from a hand trench which returned an average of 2.5% Cu, 1685 ppm As, 454 ppm Co and 283 ppm Ni.

Another 2 m long chip sample (847015) returned 269 ppb Au, 20.8 ppm Ag and 2.8% Cu while float sample 846394 returned 671 ppb Au, 143 ppm Co, 3.3% Cu and 169 ppm Ni. A single float boulder found 170 m upstream of the Bullet showing and adjacent to an outcrop of metasomatized sedimentary rocks wedged between Quartet shales and Gillespie Lake dolomite returned highly anomalous Au-Ag-Bi-Cu-Sb-Zn (Sample 847022). A 2 m chip sample taken from the adjacent outcrop returned 0.6% Cu.

An error was discovered in the report by Owerko et al. (1994) during the 2007 program. Samples from the Lost Chris Showing were reported as: (a) a 13 m grab sample (433423) across a siderite-ankerite vein that returned 160 ppb Au, 2.77% Cu and 157 ppm Co, and (b) a 2 m chip sample (937627) of quartz-iron carbonate altered mudstone which returned 90 ppb Au, 8900 ppm Cu and 148 ppm Co. The assayed values of the chip samples were switched as noted in a later table which reports sample 937627 as 2 m of 2.77% Cu, 160 ppb Au and 157 ppm Co and sample 433423 as 13 m of 8900 ppm Cu, 90 ppb Au, and 148 ppm Co. This area has not been tested at depth and although a drill plan was in the early stages of development when this error was found, this discovery lowered the prospectivity of the area.

9.9.3 Hail West Cu-Au-Ag Showing

Downstream from the Lost Chris and Bullet Cu showings, two zones of quartz-iron carbonate-chalcopyrite veining with true widths of up to 25 cm were discovered in 2006 (Heffernan et al., 2007). Samples returned anomalous Cu-As-Au-Ag-Co-Ni with maximum values of 24% Cu, 9550 ppm As, 4.12 ppm Au, 123 ppm Ag, 0.70% Co and 0.33% Ni. These Hail West veins have similar orientation and mineralogy to the Lost Chris and Bullet veins and have been compared to mineralization at the Gremlin, Reid and the Eagle properties (Owerko et al., 1994).

A single contour soil line for 94 samples was completed at about 1050 m elevation. It stretches from the Hail boulder field and continues towards the northwest, past Lost Chris and Hail West across Ursus creek. A single soil sample, 842487, was highly anomalous in Au-Ag-As-Bi-Co-Cu-Ni-U. Additionally, the samples collected over the area of rock sample 847302 were 90th percentile and above in As-Bi-Cu-Co-Ni.

These veins are only exposed in deeply incised gullies dissecting an area mostly covered by talus. The mineralized veins are interpreted to lie within a northwest-trending structural zone with a minimum strike extent of 200 m. No drilling has been conducted in this area and further mapping and possible hand trenching across the slope should be performed prior to drilling.

9.9.4 Central Hail

The Central Hail showing is located within a north-northwest facing bowl opposite the ridge and upslope and to the west of the Hail Boulder field. It comprises an 800 m by 350 m area underlain by Wernecke breccia with structurally-controlled copper mineralization. A total of thirty-five rock samples were taken in the area and those with significant mineralization can be found in Table 19. In general, gold and copper are poorly correlated, with higher gold values not being associated with higher copper values.

The area was sampled in the 1990s, although samples were mainly collected from float in the lower bowl (Owerko et al., 1994). Similar outcrop mineralization is present upslope of the 1990s samples. Mineralization consists of chalcopyrite blebs in calcareous (mainly ankeritic and rarely dolomitic) clasts and fracture infill within breccia or disseminated in the matrix of the breccia with patchy malachite when found proximal to fractures and fault planes. Samples of outcrops and subcrop exhibiting elevated radioactivity returned anomalous REEs including up to 1970 ppm Th and 1% La (847008 and 847010) but generally low U values.

Soil sampling in the area was limited to the contour line mentioned in the previous section. A single sample (842496) with >90th percentile As-Bi-Cu-Mo-U is worthy of follow up. The remainder of the line to the east did not return much of interest, however, this could be attributed to the poor soil development in the bowl where the Central Hail is located. Further mapping in the area to determine structural controls on copper mineralization should be undertaken during any future exploration campaigns due to the large areal extent of copper mineralization in this area.

9.9.5 Pagisteel Fault corridor

During the 2007 program, the field work on the Pagisteel Fault corridor consisted of mapping, prospecting and soil sampling. A total of 264 soil samples were collected along the Pagisteel Fault Corridor. These samples were collected from two contour lines along the southeast facing slope on the valley and infill soil sampling to complete the sampling grid from the 2006 program over the Pagisteel Fault along Mica Creek. The grid, which initially had 200 m line spacing, now has 100 m line spacing with 50 m sampling stations and was also extended to the northeast following the recommendations from Heffernan et al. (2007).

Results define a multi-element Au-As-Bi-Co-Mo-U anomaly about 4 km long coincident with the Pagisteel Fault corridor valley. Poor soil is developed in the valley with much of the area underlain by very coarse colluvium. In the cliff outcrops above the valley, however, several narrow fault zones contain minor mineralization and these structures are generally recessive. It is likely that the source of the soil anomalies in the valley floor are sourced from fanning out of a small mineralized outcrop further upslope. In spite of this, however, a 6.1 m wide zone of strong copper mineralization was intersected in a drill hole that tested the Pagisteel Fault within the valley floor (see section 10.2).

A total of 19 rock samples (Table 19) were taken along the Mica Creek corridor from float and outcrop on either side of the valley, including nine samples taken up to 500 m southwest of the claim's southern boundary. Samples mainly tested the copper mineralization related to alteration, lithological contacts and veining found in the valley. The mineralized float likely came from the contact zones of the breccia bodies with the sedimentary rocks, and along the numerous faults. Numerous minor showings with up to 5% chalcopyrite were discovered during mapping and many of these outcrops and float boulders are commonly bleached owing to sericite and/or silica alteration. This material resembles the mineralization found at the contact zones.

Significant mineralization was found at several locations and numerous rock samples returned greater than 1% Cu. Of note are rock samples 846034, which returned 9.9% Cu, 4.1 g/t Au, 233 ppm As and 544 ppm Ni; and 846033, which assayed at 277 ppb Au, 421 ppm As, 4.0% Cu, and 544 ppm Ni. Both samples

were collected on open ground to the south of the property boundary. In general, gold values did not correlate with copper values and no new uraniferous mineralization was found.

Current mapping indicates left lateral displacement to the northwest of the stratigraphy and earlier structures. These late, open faults are consistently oriented at approximately 310^{o} and dip steeply to the north. Additional field work that should be completed in this area includes mapping of the ridgeline along the northwest side of the corridor. Also, it is recommended that the area south of the claim boundary be further mapped and perhaps staked due to the results from rock samples collected off the property boundary and the zone of anomalous soil samples along the southeastern side of Mica Creek.

9.9.6 Conclusions & Recommendations

The dominant trend of structures, mineralization, orientation of the large Hail breccia unit and the proximity to the Reid showing indicate a possibly deeper NW trending structural control that is the source of the abundant mineralization found in this area.

Trenching across the slope between the Lost Chris and Bullet showings, as well as the Hail West area, to determine if the zones are continuous should be carried out to further define the mineralized vein densities. If abundant veining and continuous zones can be located then either of these areas should be considered a potential Cu-Ag-Au drill target. Also, further mapping in the Hail West downstream of the Lost Chris and Bullet showings in the area of the anomalous rock and soil samples should be undertaken.

Additional trenching to north of the existing trench on the Hail boulder train is recommended as an effort to discover the source of the boulder train. Further mapping should be carried out in the Pagisteel corridor and the Central Hail. Also, it is recommended that mapping priority be given to the southwest boundary of the Mica claims, which is not currently staked but assays returned significant Cu-Au mineralization, less than 500 m from the southern edge of the property.

Table 19: Mica-Hail Property Significant 2007 Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839653	Pagisteel	0.413	1.27	3.24	1190	21400	85.3	179	6.7	1.19	10.7	27.7	16
839656	Pagisteel	0.593	0.24	0.75	5700	211	1.89	333	9.6	1.2	38.7	122	9
839658	Pagisteel	0.025	0.39	0.27	40	5600	8.53	25.3	2	0.9	10.3	7.1	5
839659	Pagisteel	0.121	2.99	2.08	332	9470	8.84	64.1	7.1	1.08	2.3	14.3	10
839712	Pagisteel	0.032	0.76	0.5	8.9	20700	7.79	18.1	1.9	1.96	13	7.2	15
839713	Pagisteel	0.011	0.23	0.37	17.7	6860	2.56	26.3	3.2	1	16.9	13.5	28
839714	Pagisteel	0.008	0.39	0.28	19.5	5810	1.56	26.2	2.4	1.25	14.5	3.7	13
846029	Pagisteel	0.062	1.59	72.5	41.4	11100	6.04	110.5	22.2	1.01	6.8	20.7	39
846031	Pagisteel	0.124	2.37	2.49	10.5	16600	4.36	71.9	6.4	1.61	20.8	17	17
846032	Pagisteel	0.068	2.36	0.81	18.1	15100	7.71	113	4.3	1.59	21.7	15.4	11
846033	Pagisteel	0.277	7.9	3.45	10.9	40400	1.08	122.5	5	29.9	6.4	3.5	13
846034	Pagisteel	4.03	27.4	19.65	75	99100	1.46	544	14.6	41	4.8	10.9	60
846392	Lost Chris	0.025	0.75	0.46	4.1	12050	7.52	9	4.4	2.46	13.9	19.8	7
846394	Lost Chris	0.671	0.46	10.55	143	33000	4.17	169	3	2.34	6.2	3	12
846395	Lost Chris	0.144	7.23	282	209	11900	0.95	532	49.6	23	1.4	0.5	65
847011	Lost Chris	0.005	0.18	0.91	29.8	11500	1.82	34.1	6.7	4.29	29.2	2.4	6
847015	Lost Chris	0.269	20.8	0.98	52.1	27500	0.57	84.2	4	2.94	3.8	1.7	26
847016	Lost Chris	0.041	5.4	19.85	377	28800	0.71	291	9.5	10.8	1.5	0.7	23
847017	Lost Chris	0.031	4.96	270	531	21500	0.65	275	9.8	35.9	8.1	1.5	25
847022	Lost Chris	1.255	749	658	60.2	93800	0.2	32.6	105.5	10001	0.9	0.1	1115
847248	Lost Chris	0.023	2.21	3.93	40.4	15300	0.29	40.4	10	13.5	4.4	1.9	7
846398	Central Hail	0.223	0.01	1.77	49.8	1500	14.05	21.9	2.6	1.7	11.5	10.7	6
846467	Central Hail	0.36	0.15	58.4	87.4	4070	8.23	134.5	1.5	1.85	0.8	2.7	89
847002	Central Hail	0.024	0.75	1.74	22	56500	0.99	52.5	3.5	0.6	7.9	8.6	13
847006	Central Hail	0.093	0.19	1.98	27.8	9410	1.44	27.2	2.7	1.62	12.4	5.3	17
847007	Central Hail	0.572	0.47	4.16	21.5	182.5	2.74	16.6	84	5.79	47.2	2100	12
847067	Central Hail	0.036	0.14	4.24	12.7	15150	1.87	10.5	4.5	1.43	10.6	20.7	16
847102	Central Hail	0.123	0.35	8.05	11.5	23600	2.66	10.7	8	1.91	12.8	11	17
847302	Hail West	9.36	34.5	2.7	34.2	72000	2	136.5	13.6	6.16	7.2	3.3	90

9.10 Olympic Property

The Olympic property (Map 5) is located on the west side of the Bonnet Plume River across from Delores Creek. The area is underlain by Gillespie Lake sedimentary rocks which have been cut by several discondant Wernecke breccia bodies.

Following a program of preliminary ground geochemistry, mapping and IP geophysics, the FJV drilled four holes in the Olympic area in 1994, including one on the current Olympic property targeted at two breccia bodies (Caulfield, 1994a, b). The holes intersected both homolithic and heterolithic breccia phases, hosted by carbonaceous siltstone/mudstone, calcareous siltstone and dolomite. A trend from distal pyrite to chalcopyrite to bornite within the breccia core was apparent in drill core, but overall sulphide concentrations were relatively low. Hole OY94-02 - drilled peripheral to the Athens Breccia - returned only three samples with >1,000 ppm Cu and a maximum value of 240 ppb Au.

In 2006, reconnaissance mapping, prospecting and soil contour lines were conducted on the Olympic Property. This work was focused within airborne radiometric anomalies. Soil and rock sampling generally supported the earlier FJV results. A 400 by 300 m, >8 cps anomaly located 800 m west of the Tow Minfile occurrence yielded five contiguous soil samples with highly anomalous Au-Ag-Mo-Cu-Co-U plus high Au, Cu and U was returned from rock samples (Heffernan et al., 2007).

During 2007, a 10 person-day program of geological mapping, prospecting and follow-up soil geochemistry was carried out on the Olympic property over the southeast block which hosts the Tow showing and anomalous soil geochemistry. Follow-up mapping indicates a structurally complex setting with dominantly southwest-trending, thin slivers of Wernecke breccia within a sequence of dolostone and mudstone. The mudstone appears to be, in part, faulted segments along the margins of the breccia body. The northern contact of the breccia unit appears to lie along a friable maroon mudstone which commonly has carbonate stringers and/or brecciated carbonate veins also found in the breccia. In addition, specular hematite occurs erratically along fracture surfaces and within the dolomite stringers. The boundaries of the breccia bodies are variably black mudstone matrix breccia with siltstone fragments with minor intensely limonitic pyrite boxwork. Within the bounding bodies of the mudstones and faults and dolostones are commonly intensely foliated (phyllitic), extremely contorted and brecciated with dolomite stockwork-stringers. The phyllites are intensely sericitized and are light green and likely represent a large metasomatized block within the confines of the Wernecke Breccia.

Three different styles of mineralization were identified during the 2007 program. The most common style is chalcopyrite in narrow dolomite veins which appear to be tectonically late since they commonly crosscut Wernecke breccia. These veins are erratically oriented and are generally less than 15 cm wide. The second style of mineralization is sulphide blebs and veinlets containing minor chalcopyrite and registering scintillometer readings up to 4000 cps. All of these zones are generally limited to less than 1 to 2 m strike length. The third style is stratabound, sedimentary exhalative Pb-Zn mineralization which is known to be hosted by Gillespie Lake Group shale such as the nearby Cord and Goodfellow Minfile occurrences. This style of mineralization was found in float in the north-flowing creek at the eastern edge of the Olympic property. Significant rock samples from 2007 are presented in Table 20.

103 contour samples were collected in the southeast of the claim block around the Tow showing and highlighted an area with anomalous Cu-Co-Ni-U (Map 4). The anomaly is closed to the northwest but is open to the southeast. This anomaly is spatially associated with Wernecke breccia and covers an area 1400 m by 500 m. One contour soil line (18 samples) was completed on the northern end of the claims. A moderate U-Mo-Co and coincident weak Cu-Au anomaly was outlined. This poorly constrained soil anomaly is located in the same area as radiometric highs.

Four man days were spent prospecting, sampling and mapping in the vicinity of airborne radiometric anomalies at the northern extreme of the Olympic property and immediately to the north. The northeastern radiometric anomaly appears to be due to a high local background. Within the Olympic property boundary, a large body of Wernecke breccia was found to be locally Cu-bearing, and a narrow “pink-plagioclase” vein in the breccia returned 1000 cps.

Table 20: Olympic Property Significant 2007 Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839676	Olympic	0.051	2.54	1.79	71.6	5680	13.8	68.6	11.2	3.22	18	16.7	39
847144	Olympic	0.006	12	0.17	8.7	126	2.13	78.6	2210	29.5	0.4	2	2880
847147	Olympic	0.009	11.3	0.09	1.6	18.2	0.41	5.5	5860	12.15	0.9	1.5	35600
847205	Olympic	0.009	4.13	0.07	4.6	66.2	6.94	3.2	3470	5.33	0.2	13.8	16600
847206	Olympic	0.009	3.27	0.04	3.9	19.2	2.8	14.5	372	7.83	0.7	6.6	74700
847207	Olympic	0.009	26.6	0.04	0.4	59.2	7.02	3.9	574	61.7	0.7	0.9	8200
847208	Olympic	0.008	14.35	0.07	2.8	55.9	6.19	23.3	544	40	0.2	1.5	46500
847209	Olympic	0.009	7.4	0.09	3.1	36.3	2.24	24	502	21.6	0.4	0.6	4610
847210	Olympic	0.009	1.97	0.01	2.2	11.9	1.65	9.3	107	7.33	0.3	0.9	24900
847212	Olympic	0.813	46.4	25.5	9.6	433	3050	15.5	478	61	21.5	1900	33
847213	Olympic	10.1	8.92	6.6	19.9	438	49.9	23.5	306	15.3	20.4	1100	25
847241	Olympic	0.077	0.41	4.1	295	21200	0.75	130.5	56.7	3.74	4.5	2.2	14

Additional mapping and prospecting should be completed in the southeast part of the claims to define the distribution of breccia bodies and to further define the extent of mineralization. Soil sampling should be

completed on the north end of the claims and the contour soil line in the southeast of the property needs to extended to the south.

9.11 Pika Property

The Pika property (Map 5) is located south of the Dolores Creek Valley, approximately 18 km southeast of Fairchild Lake. The Pika 1-36 claims were first staked in 1993 based on mineralization reported by Derek Thorkelson at the 1993 Yukon Geoscience Forum. The Pika 37-60 were staked based on favourable stream sediment geochemistry and on a discrete bull's eye airborne magnetic high. These claims had lapsed but were re-staked in 2007.

The property comprises Wernecke breccia and diorite-associated Au-U-Cu mineralization that is associated with breccia contacts. Wernecke breccia crops out over 4 km and the property is situated near a contact between the Quartet and Gillespie Lake groups (Montgomery, 1995). Minor supergene mineralization is associated with the well-exposed Pinguicula Group unconformity on the Pika property (Thorkelson, 2000a) but likely represents a small exploration target.

The FJV conducted first-pass soil and rock geochemistry and discovered the Pika, Pika West and Coope showings that generally comprise elevated Cu-Au-Co associated with Wernecke breccia (Montgomery, 1995; Stammers, 1994, 1995a). The Coope is exposed for 100 m along a northwest flowing creek and comprises a semi-continuous zone of chalcopyrite, pyrite, hematite and carbonate stockwork and veining. Assays up to 40 ppb Au were obtained and two chip samples across 2.0 m returned 2.04% Cu and 1.78% Cu.

In 2007, six soil contour lines were completed to extend the geochemical coverage of the property and the soil grid over the Coope showing was expanded to the south and west. The new data generally is consistent with the 1990s soil results. High Au-Ag-As-Bi-Cu-Pb-Sb results were obtained throughout the soil grid over the Cooper showing. Soil contour lines around the Pika East show a coherent Au-U soil anomaly. In both areas further mapping and follow up prospecting is warranted.

Two samples from strongly silicified siltstone outcrops near the Pika East returned high Cu values in 2007 (Table 21).

Table 21: Pika Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
846211	Pika	0.008	0.49	6.01	206	16650	4.55	56.6	16.8	13.15	12.8	48.5	35
846212	Pika	0.059	14.4	4.59	10.4	10750	10.4	16.2	3.6	10.45	20.3	13.9	10

9.12 Radio Property

The Radio property (Map 1) covers an area due south across the Bonnet Plume River from the Hoover Zone. It includes the 1990s FJV Wolverine property (Stammers, 1995c; Stammers, 1998b; Vance and Rainsford, 1996) located along the northeastern contact of the current Radio property. The Wolverine property was staked to cover an arcuate magnetic high adjacent to the Bonnet Plume River valley. Hydrothermal magnetite is present in outcrop within this anomaly (Vance and Rainsford, 1996) which coincides with a minor IP chargeability anomaly. A single reconnaissance gravity survey was conducted across a single line perpendicular to the magnetic high trend. Results showed a strong regional gradient with values decreasing from the southwest but superimposed on this gradient is a 1 milligal residual anomaly. A reconnaissance drill hole (XA95-1) was drilled in 1995 in the core of the gravity anomaly and intersected magnetite, calcite and minor veinlet chalcopyrite that returned several intervals <2 m containing 1000 to 3000 ppm Cu with gold values up to 250 ppb (Stammers, 1995c). In 1997, the FJV drilled two more holes at Wolverine (Stammers, 1998b). One hole was lost in overburden while another hole intersected anomalous Cu mineralization (0.22% over 7.5 m) associated with vein magnetite-pyrite-chalcopyrite-calcite. The Radio

property is underlain by black weathering shale and finely laminated siltstone of the Quartet Group or, to the north, by overburden.

In 2006, three >10 cps airborne radiometric anomalies to the south were investigated by reconnaissance soil sampling and minor, scattered but elevated Ag-Mo-U-Ni-Co results were detected and a white quartz vein boulder collected from a main creek returned 2.9 g/t Au.

In 2007, two days of reconnaissance mapping and prospecting focused on a northeast-draining creek and westen ridges of the Radio Property. The traverses began at the 2006 sample that returned 2.9 g/t Au which is apparently derived from Quartet Group siltstone since exposures of this unit dominate this drainage. Several similar boulders occur in the creek and a small outcrop of silicified and quartz-chalcopyrite-veined siltstone was located within the creek bed. Samples of the mineralized material returned 0.90% Cu but otherwise low metal values. The extent and significance of this style of mineralization is likely minor given the abundant outcrop exposure but very rare mineralization observed in the area.

No further work is recommended on the southern part of the Radio Property, however, the magnetic, gravity and IP anomalies on the margin of the Bonnet Plume valley are still unexplained.

The Radio Break area was prospected in 2007 in an attempt to locate and investigate historical Cu-U showings (Yeager and Ikona, 1976). A large circular 10 cps U radiometrics anomaly centred over 531400E, 7211350N was also ground checked during the process. A large area of sporadic hematite-jarosite-malachite stained cliffs centred at 530760E, 7210100N, very close to the faulted PQ-PFL contact was located 500 m south of the Radio Minfile occurrence. Malachite coatings on biotite-chlorite schist and milky white quartz-chalcopyrite-bornite-malachite vein stockworks in silicified metasedimentary float were found downstream from the showing. Two Cu float samples (286859 and 286860) of this material was collected which returned 404 and 5260 ppm Cu respectively. No radioactive material was encountered. The large airborne U radiometric anomaly coincided with black shales assigned to PQ with high background gamma readings.

9.13 Reid Property

The Reid property (Map 11) was initially staked in 1993 to cover the area surrounding the Reid showing, located 12 km south of the Copper Point airstrip. Previous work on the property carried out in 1994 included reconnaissance style mapping, prospecting, stream sediment sampling and contour soil sampling. In 2006, two rock samples and 75 soil samples were collected.

During the 2007 program, three person days were spent mapping at 1:500 scale, and two person days spent prospecting on the property. Eight rock samples (Table 22) were collected, including rock sample 846098, collected from subcrop with 3 m of exposure, which assayed at 2.25% U. This sample is characterized by moderate silicification and weak jarosite, hosting 1 cm biotite plates as well as 0.5-1 cm crystals of brannerite. It appears the brannerite is related to the selvage of a 5 cm carbonate vein crosscutting the sample (Map 3).

A total of 26 soil samples were collected on the Reid property, generally along soil lines running perpendicular to Mica Creek. These were collected to gain further geochemical data for the Pagisteel Fault corridor. Few anomalous results were returned consisting of isolated Au and Th.

9.13.1 Reid Showing

The Reid showing proper is an extremely gossanous fault “lozenge” which is hosted near the southern bounding fault within a larger fault zone. Within the fault zone, numerous smaller-scale faults and folds appear ductily deformed. The deformation of the shale/siltstone has left a relatively resistant black siltstone-mudstone block which is extremely limonitic and jarosite covered. Mineralization consists of quartz and dolomite stringer veins and thin veins with pyrite and chalcopyrite. Locally a silver-coloured sulphide phase was noted and is likely arsenopyrite or a cobalt mineral such as cobaltite or smaltite. Secondary phases include limonite, jarosite, malachite, azurite and very rare erythrite. This limonitic block is not uniformly mineralized but has podiform mineralization associated with veins. Along strike and downslope the sulphide mineralization is very sparse although the appearance of heavy malachite and azurite on the numerous

fracture surfaces give an impression of a much larger mineralized zone. Other mineralization was generally hosted in narrow discontinuous faulted vein segments and along fault structures.

9.13.2 DR Zone

The DR Zone is best known for 9.0 m of continuous chip samples that returned 2.2% Cu (Jones, 1995a). The showing is poorly exposed since it occurs at low elevation adjacent to Mica and Ursus Creeks. The showing comprises moderately north-dipping sericite and chlorite-altered siltstone. These sedimentary rocks host widespread vein and fracture-controlled chalcopyrite and minor albite alteration is also locally associated with the mineralization. Jones (1995a) suspected that Mica and Ursus creeks might coincide with major structures that truncate the mineralized zone. Several small outcrops occur on the east side of Mica Creek that show similar mineralization and alteration to the main DR Zone. It is thus interpreted that the zone is not cut off by a Mica Creek-coincident fault. Additionally, unmineralized outcrops are present along both sides of the creek to the north. These outcrops provide a northern boundary to the mineralization and, although two conjugate sets of chalcopyrite-bearing fractures are present (Jones, 1995a), are consistent with an approximate 085^{o} trend to the zone as a whole.

As noted by Jones (1995a), the outcrop mineralization of the DR zone was not detected in soil geochemistry. 32 soil samples from northwest oriented lines were collected over the DR showing. No significant multi-sample, multi-element anomalies were delineated so extensive, thick till cover over much of mid to lower areas of the Mica-Hail and Reid properties likely masked the geochemical signature of the DR zone.

Drill-testing of the DR zone (section 10.4) failed to intersect mineralization comparable to the chip samples from 1995 so it is tempting to down-grade the DR zone. The poor exposure of the area, the uselessness of soil geochemistry to detect mineralization and the apparent structural complication make the DR zone worthy of a reevaluation. Trenching, IP geophysics, MMI soil geochemistry are tools that should be considered for future exploration at the DR.

Table 22: Reid Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839747	Reid	0.011	2.23	1.72	8.1	15700	0.61	18.4	3	3.4	7.1	2.3	4
839748	Reid	0.049	1.67	3.12	13.8	3740	0.81	22.1	3.7	2.66	18.9	13.6	8
846089	Reid	0.008	1.13	3.89	9.9	1600	0.9	25.1	2.8	2.65	10.2	2.2	4
846090	Reid	0.009	0.11	2.32	25.6	6990	0.53	46.7	1.8	2.23	9.1	2.4	6
846091	Reid	0.01	0.86	1.75	24.8	5830	0.56	29.3	2	2.37	9.8	2	4
846098	Reid	0.009	0.17	0.21	12.9	30.9	10.15	18.5	674	25.1	1350	22500	23
846099	Reid	0.009	3.18	0.43	288	1580	14.4	280	61.2	15.35	16.9	45.9	215

9.14 Slats Property

The Slats Property (Map 9) trends north-northwest and comprises 114 claims including the Pitch, BL, Blende, and SL groups. The claims are located approximately 28 km west of Fairchild Lake and 15 km south of Quartet Lakes. The Slats Property is contiguous with the TVA Property to the southeast and narrowly contacts the Fireweed Property to the northwest. Earliest known mineral exploration occurred on the Slats Property in the early 1900s. Extensive mineral exploration took place in the mid- to late-1970s followed by a second phase of activity in the mid 1990s. The earlier work focused on U mineralization on the Arctos group of claims by the Mountaineer Mines Ltd. / Pan Ocean Oil joint venture. Work done at that time includes rock, soil and water sampling from grids and several trenches.

The area is underlain by north-northwest-trending, generally west-dipping siliciclastic to dolomitic rocks of the Gillespie Lake group (Thorkelson and Wallace, 1998). These sedimentary units have been intruded by diorite and heterolithic breccia bodies which form locally complex map patterns but in general lie along two layer-concordant trends. Airborne magnetic and radiometric highs trend concordantly to these

breccia bodies. Some of the highest airborne uranium radiometric anomalies detected from the 1994 Newmont airborne survey occur on the Slats Property (Map 2). Shale in contact with the diorite or breccia typically displays strong hematite, moderate to strong silica, weak carbonate and moderate chlorite metasomatism. Locally, within or near diorite and/or breccia, greenish grey sericite, chlorite, and chlorite-serpentine (?) schist is present. The schist is interpreted to be the result of focused deformation caused by rheological differences (Montgomery and Stammers, 1995).

Work in the mid 1990s was undertaken by the FJV and focused on 140 claim units roughly coincident with the present day claims. The claims were originally staked to cover northwest trending linear magnetic highs coincident with airborne radiometric anomalies. The initial surveys were followed up with more detailed airborne geophysics, grid sampling, contour soil surveying and geological mapping at a 1:5000 scale over the Wallbanger and Frosty zones – the two main geochemical anomalies delineated. A program of diamond drilling was undertaken by the FJV in both areas including 611 m drilled in the Frosty area and 562 m at the Wallbanger zone. Drill targets comprised soil and geophysical anomalies as well as outcrop mineralization. During 2006, exploration focused on soil sampling and prospecting within five uranium radiometric anomalies with a focus on uranium prospecting. In general, the 2006 scintillometer surveying showed an incremental increase toward the center of the uranium anomalies that were broadly coincident with lithological changes from dolostone to phyllite to breccia. This suggests that the airborne radiometric data is a reliable indicator of ambient radiation levels in the area. Outcrops and boulders of breccia returned typical scintillometer values of up to 600 cps.

The 2007 work initiated with mapping and prospecting near the Pitch Showing to follow-up sample 286487 and follow-up of 2006 float sample 286497 that returned 0.07% U from an area between the Frosty and Wallbanger grids. Widespread and potentially significant areas of radioactivity were found in both areas and subsequent delineation of these mineralized areas indicates that at least three significant and several smaller showings occur in a 6 km-long, north-south corridor along the length of the Slats Property (Table 23).

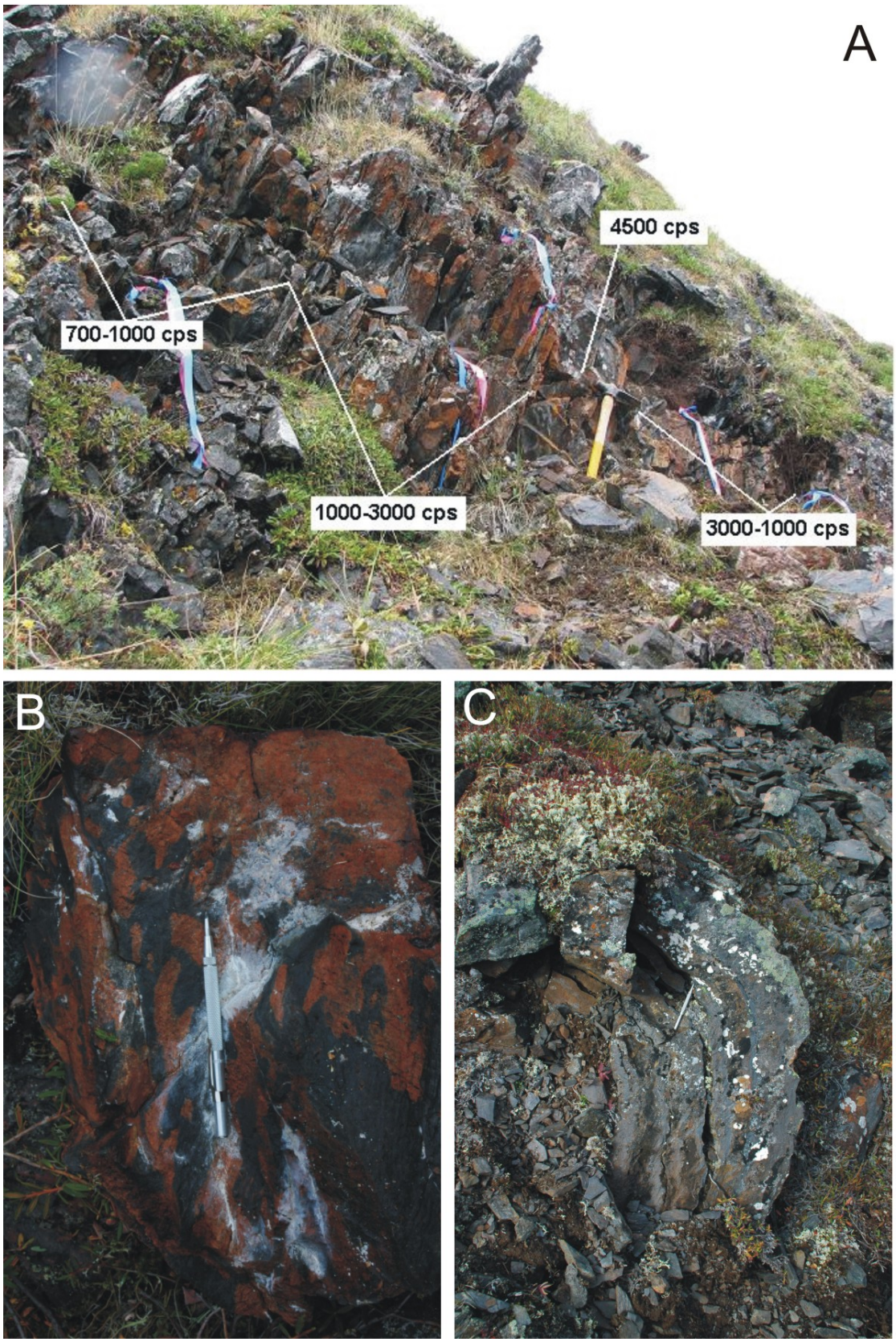


Figure 6: MDV Zone. (A) outcrop with average scintillometer readings. Bedding is steeply dipping to the west (left in image). Continuous chip sampling was done across this outcrop and returned 2.2 g/t Au along the right-hand margin of the photo where lower scintillometer response was recorded. (B) Typical alteration texture of MDV radioactive material. (C) Outcrop scale fold at MDV.

Table 23: Slats Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839559	Slats	0.018	5.99	1.44	762	3400	21.2	250	79.3	16.15	9.6	1800	10
839562	Slats	0.148	44.2	195	22.1	90800	524	12.5	31.8	3.19	14	45.8	8
839563	Slats	0.154	0.9	1.52	29.4	230	25.9	32.9	84.9	15.25	45.8	590	5
839564	Slats	0.116	1.73	1.35	29	426	30.8	30.1	87.9	12.2	21.7	157.5	6
839975	Slats	0.035	4.22	1.04	168.5	2570	35.4	56.6	71	17	9.1	450	3
846383	Slats	0.008	0.22	0.52	193.5	6950	13.65	12.9	6	2.84	15.3	28.2	19
846390	Slats	0.727	0.58	1.47	16.7	51.6	21.1	60.5	58.2	10.7	22.5	296	12
846391	Slats	0.043	0.87	1.07	201	6690	18.5	18.6	10.2	2.67	13.7	14.2	5
846426	Slats	10.1	258	585	4.6	258	3210	13.6	4320	7.25	16.3	249	2
846427	Slats	1.255	17.65	7.98	10.2	36.6	79.7	37.2	97.8	14.5	50.3	820	4
846434	Slats	0.229	0.13	0.29	5.1	22.6	6.89	24	10.2	3.63	39.6	118.5	41
846437	Slats	1.12	3.11	10.05	237	71.1	331	27.1	598	27.3	27.3	2800	10
846438	Slats	0.431	0.67	0.98	20.8	1860	48.5	41.7	371	11.5	19.4	2300	5
846440	Slats	0.242	0.27	0.41	22	2630	7.95	41.6	366	17.95	18.4	2100	12
846441	Slats	1.455	1.3	1.39	17.3	1290	72.7	40.3	251	13.95	26	2000	11
846446	Slats	0.34	4.4	11.45	44.2	43.6	24.2	48.6	3740	31.4	13.6	4400	26
846472	Slats	0.093	2.79	6.56	17	302	79.7	19.2	68.3	22.8	21.7	249	48
847223	Slats	2.09	22.2	76	68.8	113.5	1780	62.5	250	13	15.7	1100	27
847303	Slats	1.035	13.6	18.9	66.6	79.8	10001	57.4	156.5	6.2	7.8	173	5
847305	Slats	0.181	5.32	1.34	49.9	44.5	1005	45.6	36.8	5.61	7.3	71.3	3
847306	Slats	0.157	1.43	1.09	15.2	94.2	86.5	42.9	82.6	9.73	37.3	402	7
847309	Slats	0.342	3.15	27.4	39	16.1	83.7	139	147	11.6	20	560	20

9.14.1 Pitch Showing

Several anomalous 2006 rock sample sites from the southern part of the Slats Property - including sample 286487 that returned 0.12% U over 1 m - were revisted in 2007. Most of these samples were collected along an east-west trending narrow ridge line near the southern part of the Slats Property. The Pitch Minfile occurrence (106D 078) plots 700 m to the northeast so it is possible that this area is the original Pitch.

Zones of elevated radioactivity originate in strongly chlorite-altered, steeply west-dipping, north-south trending shear zones within Wernecke Breccia and chlorite-rich mudstone that are both characterized by reddish hematite and/or potassic alteration. Along with anomalous uranium, the area also has elevated Cu-Co-Ni-Mo in several rock samples. Elevated radioactivity is present within a broad (~70 m wide) zone of higher strain cut by numerous sub-metre-scale discrete shear zones characterized by schistose breccia. Prospecting and mapping along strike to the north and south delineated the zone over a total strike length of about 1.5 km, including a mineralized zone ~700 m northwest of the central zone which recorded >10,000 cps but only 272 ppm U. The continuity of mineralization between these localities is partially covered by talus slopes and therefore unknown.

9.14.2 MDV Zone

The MDV Zone was discovered by re-visiting the location of a 2006 float sample which returned 0.07% U. There, a boulder train was followed to an outcropping zone of metasomatized siltstone/mudstone characterized by 5,000 to >10,000 cps. The 40 by 70 m zone is characterized by pervasive fine-grained specular and earthy hematite (Mauler, 2007). Significant surface uranium mineralization at the MDV showing is found within a unit of inter-bedded, variably altered sedimentary rocks (fine to medium grained clastics) and bedding parallel breccia units (~10-50 cm thick) of unknown origin.

The MDV showing is found within a north-northwest trending, bedding parallel shear zone. Several outcrop-scale fold hinges are exposed in the area. Structural control is thought to play an important role at the

showing with folding possibly providing thickening of the mineralized unit. In general, stratigraphy strikes south-southeast and dips moderately to the west. Folding appears to be asymmetric with fold hinges and bedding / cleavage intersection lineations plunging gently to the northwest.

The strongest mineralization occurs within moderate to strongly hematite altered units that display a characteristic red/black striped pattern (Figure 6B), possibly due to preferential replacement of calcareous regions within the protolith. Uranium mineralization is fine-grained (not visible) and disseminated throughout layers of the altered sedimentary rocks up to several meters thick. Chip samples cross outcrops within the mineralized zone returned elevated Au-Ag-Bi-Mo-Ni-Pb-Sb-Th-U (Table 24). A 2.0 m-wide chip sample across one MDV outcrop returned 2.2 g/t Au along the margin of the most highly radioactive material (samples 847316-17). The outcrop recorded 400 to 3000 cps.

Table 24: MDV Zone 2007 Chip Samples

Sample#	Width (m)	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
847316	1	2.15	0.66	0.98	13.2	2.2	2.66	53	21.8	4.75	16.2	18.4	9
847317	1	2.22	0.39	1.49	11.3	3.4	2.08	52.2	25.9	5.05	17.1	11.9	7
847320	1	0.718	3.87	16.15	40	14.2	92.9	134.5	159.5	14.9	21.7	1000	20
847321	1	0.4	4.72	24	37.4	54.4	132.5	145	142.5	10.9	21	500	18
847322	1	0.853	2.6	12.75	29.4	51.9	91.3	107	105	9.92	17.5	500	17
847323	1	0.282	7.78	66	21.2	18.1	87.5	97.7	178	6.53	20.7	200	14
847324	1	2.73	10.3	24.3	31.5	12.5	20.6	103	333	4.47	19.5	100	64

The MDV Zone is a complex area that has been affected by strong hydrothermal alteration and by widespread deformation. It is clearly not a mineralized zone with a simple planar geometry. Au-U mineralization, with associated elevated Ag-Bi-Mo-Ni-Pb-Sb-Th-REE, is most closely associated with strong hematite alteration and metasomatism. Mapping and logging the distribution of these pervasively metasomatized sedimentary rocks (mts) shows that the alteration is irregular and difficult to extrapolate. Likewise, bodies of heterolithic breccia also show irregularity and it is likely that these breccias were emplaced as irregular bodies. The breccia issue is further clouded by two probable types of breccia that locally appear very similar. Bedding parallel breccia layers as thin as about 5 cm are strongly hematite-altered and look very much like Wernecke breccia. It seems improbable that violent emplacement of Wernecke breccia could result in such fine bedding parallel layers. It is most likely, therefore, that these are pebble conglomerate beds laid down during deposition of the stratigraphic pile.

Some breccias with the MDV Zone, however, are clearly Wernecke breccia and form irregular bodies. They are also locally sheared and foliated suggesting that the folding and shearing within the area is late tectonic. Elsewhere, such as at Slab Mountain, Wernecke breccia contains cleaved, folded and crenulated sedimentary fragments indicating that breccia emplacement post-dates regional, likely Racklan-aged, folding (Thorkelson et al., 2001b; Thorkelson and Wallace, 1993). By contrast, it appears that at the MDV zone, folding and cleavage development post-dated or was synchronous with Wernecke breccia emplacement.

Folding of the sedimentary rocks within the MDV zone is cryptic but becoming better understood. Three outcrop-scale anticlinal hinges occur within the MDV Zone. Not surprisingly, these have similar orientations to bedding / cleavage intersection lineations which indicated the observed hinges are property-scale features (c.f. drag folds or slump features). Both plunge about 20-30^{o} towards 300^{o}. All bedding within the MDV zone, however, dips to the west indicating that the folds are overturned. This is supported by younging reversals observed in STM07-06 and by younging indicators in STM07-05 suggesting that most of the hole is overturned. Since the folds plunge towards 300^{o}, the holes drilled this year at MDV are highly oblique to the fold hinges which probably explains some of the apparent complexity evident on Cross Sections 17 to 19 (see Diamond Drilling section).

Regionally, the MDV Zone lies immediately west of a large north-trending, steeply west-dipping normal fault (Thorkelson and Wallace, 1998). This structure defines the contact between a panel of overturned Gillespie Lake Group dolomites and Wernecke breccia according to the regional mapping. At the

MDV, the ridge to the west is marked by orange weather dolomites in stark contrast to the purple-red siltstone lower down the slopes in the MDV. Further north, this contact is better exposed as a distinct fault. The folding at MDV may be linked to the late-stage movement along this major structure. On a regional scale, this structure and another one to the east are concordant with corridors underlain by Wernecke breccia. It is not a stretch, therefore, to link the emplacement of the breccias with these structures. The MDV folding might also be related to movement along these structures. Perhaps a transpressional stress regime was active between the parallel structures during breccia emplacement. This caused asymmetric, property-scale folding, cleavage development and focusing of hydrothermal fluids emulating from the breccias. Although no direct link between the MDV breccias and mineralization can be demonstrated, the metal signature, alteration and proximity of mineralization and breccias point to a large IOCG mineralizing system.

Although not yet well understood, the MDV Zone and the Slats property, in general, are worthy of further exploration. Structural preparation of the area by folding, the generally more coarse-grained (more porous?) nature of the sedimentary rocks, pervasive metasomatism and its location between two linear corridors of Wernecke breccia make the MDV Zone more perspective.

9.14.3 Atomtan Showing

Several outcrops with high scintillometer counts (5,000 to >10,000 cps) have been found approximately one kilometre along strike to the north from the MDV Zone. Significantly, this altered radioactive rock returned high-grade Au and U. A selected sample (846422) returned 18.2 g/t Au and 1.01% U. Significant rock geochemistry for the Atomtan are given in Table 25. Mineralization at Atomtan appears to follow steeply SE-dipping foliation planes in strongly hematite altered siltstones. Widths range up to 6 m and the outcrop has been traced for nearly 30 m along strike. Additional sporadic uranium mineralization is encountered in a 3 m-thick hematite layer approximately 200 m further to the NW from Atomtan. The hematite layer has been affected by asymmetric, NW-plunging folding, similar to that noted at the MDV zone.

Table 25: Atomtan Showing 2007 Samples

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
846422	Atomtan	18.2	23.9	347	104	590	42.3	82.8	697	25.6	11	10100	20
846423	Atomtan	4.27	1.62	12.95	30.5	303	26.3	45.4	105.5	14.3	12.8	1600	10
846424	Atomtan	15.7	2.32	10.35	54.7	523	27.3	60.3	104	10.45	16.3	2200	28
846471	Atomtan	1.19	6.65	29.7	41.5	451	51.4	60.4	107	108.5	23.9	1600	14

9.15 TVA and Nuck Properties

The TVA and Nuck properties are located about midway between the Bonnet Plume and Bear Rivers (Map 10). Parts of the Nuck claims are coincident with portions of the historic TVA 4-22 claims and cover the Gnuckle Cu-U occurrence (Minfile 106D/16-062). The property was expanded with additional staking in 2007.

The Gnuckle was first identified for Cu mineralization in 1968 by Cyprus Exploration Ltd. but was not staked until 1976 when the tenure was secured for its uranium potential. Mineralization consists of coarse-grained brannerite in quartz veins cutting strongly silicified Quartet group sedimentary rocks proximal to a Wernecke breccia body (Map 3). During the course of the Wernecke Joint Venture program in the 1970s, the area around the occurrence was mapped, soil-sampled and a radiometric survey was undertaken.

From 1992 to 1995 the FJV completed rock and grid soil sampling, mapping at 1:2,500 scale and airborne geophysical surveys. This program outlined a northeast-trending thrust fault hosting the majority of the mineralization including the Hem and Roid zones. The Hem zone is coincident with a northeast-trending magnetic high. Additional mineralized or anomalous zones reported by Klatt and Jones (1995a) that are currently on these claims include the North Gnuckle, South Gnuckle and White Gnuckle zones all of which are defined by multi-sample Cu-Mo-Co-Au-Ag-Ni soil anomalies.

The FJV drilled seven holes in the vicinity of the TVA and Ursus properties in 1995 (Klatt and Jones, 1995b). Four of the five holes drilled on the Roid zone were not completed due to ground conditions and technical difficulties. The successful hole encountered localized copper and cobalt mineralization in variably altered shaley dolomite including native copper and chalcopyrite-chalcocite veinlets. Two holes were drilled on the Hem Zone testing additional soil geochemical anomalies. These holes encountered widespread copper mineralization within variably altered and mineralized dolomitic shale, with disseminated chalcopyrite and pyrite and zones of specularite-carbonate-magnetite-chalcopyrite veining. Significant mineralization encountered in these holes is summarized in Table 26.

Table 26: Significant TVA 1995 Drill Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (ppm)	Co (ppm)	Cu (%)
UT95-05	50.2	79.9	29.7	N/A	325	0.20
UT95-06	2.00	186.06	184.06	0.07	N/A	0.15
UT95-07	79.75	86.62	6.87	0.03	46	0.26

Work performed on the property in 2006 included the collection of rock samples from two prospecting traverses. Samples taken in Gnuckle Creek displayed slightly elevated Mo-Ni-Bi-Co-Pb-Sb. All samples collected were float, however, and may not have been a good indication of mineralization style at the Gnuckle and White Gnuckle zones. Samples taken from the Hem Zone include two from the intercalated shale carbonate unit of the Gillespie Lake group, both of which displayed elevated Au-Bi-Cu-Mo-U. A grab sample taken from fracture-controlled chalcopyrite-magnetite-pyrite mineralization displayed high grades of 5.2% Cu, 0.81 g/t Au, 278 ppm Mo and 0.014% U. The remaining three samples were collected near a previously mapped southeast verging thrust fault juxtaposing chlorite-K-feldspar altered Wernecke Breccia from chlorite-K-feldspar-quartz altered metasomatite. This relationship was confirmed and supported the proposition of thrust fault-controlled mineralization by Klatt and Jones (1995a). Notable results from these samples include 0.98 g/t Au, 0.69% Cu and 0.15% U and 1.58 g/t Au, 303 ppm Co, 3.02% Cu and 0.013% U.

60 soil samples were collected along two contour lines parallel to Gnuckle Creek and during the course of claim-post tagging of the Nuck claim group. The contour lines in the Gnuckle creek valley were located approximately 100 m upslope from lines sampled in the mid 1990s. The 2006 contour line on the northwest side of the creek, combined with the historical soils, define two multi-sample, multi-element anomalies. The anomaly farthest west occurs 550 m downslope of the North Gnuckle zone and comprises a Au-Co-Cu anomaly with weak U. A second anomaly occurs approximately 500 m to the east and consists of Au-Co-Cu-Ni-U. Both of these anomalies occur down slope of a previously mapped thrust-fault. The South Gnuckle zone is coincident with a Ni-Co anomaly. Recommendations for the TVA and Nuck properties following the 2006 work included further drill-testing of the Hem Zone, mapping and prospecting in the Gnuckle Creek area, and prospecting in the vicinity of the Au-Cu-Ag soil anomaly along trend with a magnetic high.

A considerable amount of work was performed on the TVA-Nuck properties during the 2007 field season, with the bulk of the work carried out on TVA. Work performed included claim-staking, prospecting, detailed geological mapping, soil sampling (336 samples), rock sampling (348 grab and chip samples), scintillometer surveying (12 line-km), magnetometer surveying (28 line-km), trenching (approximately 50 m), and diamond-drilling (1147 m). Much of the work completed was prospect-specific. The four main prospects investigated during 2007 were: Rio, Hem, Jem and Gnuckle. Significant rock samples collected in 2007 from the TVA property are presented in Table 27.

Table 27: TVA Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839652	TVA	0.284	0.79	33.9	10001	1850	29.3	1495	14.2	22.2	9	73	16
839705	TVA	1.085	0.6	1.09	103	10550	27.2	19.1	4.9	1.07	4.6	6.8	7
839706	TVA	2.83	6.98	6.17	24.5	19800	2.19	8.2	8.2	0.93	0.5	5	10
839707	TVA	1.04	2.23	0.39	73	11200	134	25	20.2	1.96	19.9	99.7	4
839708	TVA	2.83	17.55	9.78	12.2	724	111.5	18.8	91.2	5.24	27.8	940	5
839709	TVA	1.445	11.55	33.7	80.6	4950	210	63.7	10.4	1.82	4	112.5	32
839711	TVA	1.66	2.47	12.55	149	12250	191.5	46.1	37.2	4.84	18.8	1200	16
839716	TVA	0.7	1.96	2.58	48.8	11850	238	106	17.2	1.35	23.5	67.6	46
839730	TVA	0.495	1.18	2.47	36.8	9920	46.8	59.7	11.9	1.71	14.5	153.5	63
839738	TVA	1.755	6.83	0.72	35.7	4740	374	41.2	26.3	2.45	15.6	274	4
839739	TVA	0.007	0.52	1.31	6.9	107	9.79	3	107	28.8	388	4400	7
839742	TVA	1.46	2.07	17.65	955	12600	385	49.9	9.5	2.81	5.7	76.2	31
839758	TVA	0.332	1.19	3.38	500	3710	5.13	72.5	2.2	0.94	9.8	5.5	5
839764	TVA	10.1	3.74	0.69	90.2	5180	0.84	19	5.8	0.52	0.2	1.1	13
839768	TVA	0.101	3.14	2.84	133	3390	690	52.7	72.7	8.38	101.5	2200	135
839769	TVA	0.247	3.27	2.69	43.2	31100	4.52	17.7	4.5	0.79	1.3	2.1	8
839770	TVA	0.815	1.16	6.92	41.4	4790	59.9	39.3	4.6	1.84	12.3	71.8	31
839849	TVA	0.162	1.13	0.2	575	6020	98.7	75.3	8.4	1.63	7.2	14.6	25
839850	TVA	0.325	1.04	0.24	779	7040	67.7	89.1	4.2	1.01	6.3	9.3	36
839852	TVA	0.145	1.82	23.5	76.7	143.5	60	58.8	13.2	10.3	11	8.4	6
839869	TVA	0.207	7.83	45.8	17.2	361	357	8	345	20.2	9.9	3200	2
839900	TVA	0.126	6.59	39.1	331	234	222	187.5	339	16.8	9.5	4300	-2
846020	TVA	0.192	1.28	1.15	90.3	6410	47	27.3	5.1	1.87	15.9	17.4	29
846023	TVA	0.217	0.65	0.49	49.7	5090	9	22.1	1.8	0.76	6.1	8.2	3
846024	TVA	0.423	1.39	7.9	136.5	17900	53.3	41.8	11.2	3.46	6.8	35.3	11
846025	TVA	0.129	0.68	2.41	36.2	4360	47.9	31.8	19.1	2.58	22.5	550	17
846046	TVA	0.291	1.2	12.75	106.5	4460	61.6	42.8	4.8	1.73	9.7	46.4	45
846050	TVA	0.385	1.96	0.58	10.3	229	26.1	17.9	11.4	2.32	11.4	55.8	10
846058	TVA	0.418	1.55	3.79	19	25300	1.52	35.8	3.6	1.77	11.9	4.5	73
846061	TVA	0.111	1.4	29.4	141	38.6	204	24.2	41	2.9	1.4	3	7
846065	TVA	0.274	2.57	5.85	14.3	8.5	199	33.5	91.8	8.35	26.5	1800	6
846079	TVA	0.254	2.54	3.51	17.9	27500	96.5	18	3.1	1.52	17.6	4	9
846081	TVA	0.104	0.79	4.92	895	38	63	110	10.1	1.38	4.6	12.7	12
846288	TVA	2.07	0.11	8.9	2.8	4.7	0.13	19.7	20	7.42	181	1400	8
846317	TVA	2.94	0.32	0.45	9.1	846	3.4	5.2	3.6	0.74	8.5	7.5	7
846345	TVA	10.005	0.36	0.25	30.1	26.3	3.33	22	1.3	1.52	15.5	4.8	5
846409	TVA	0.357	8.74	2.05	184.5	13250	43.3	42.4	6.5	1.76	3.5	11	8

9.15.1 Rio Zone

The Rio boulder field was discovered in 2007 by prospecting an airborne radiometric anomaly in the south-central portion of the TVA claim block where little prior work was known. Thirty-nine samples from uranium-bearing boulders were collected and sent for laboratory analysis. The best sample returned 0.51% U (839878) and 28 select boulders returned an average grade of 0.28% U.

The area is underlain by Gillespie Lake Group interbedded siltstone and (locally cherty) dolomite with local metasomatization. Much of the dolomite contains coarse porphyroblasts of andalusite, possibly related to the pods of heterolithic Wernecke breccia which have intruded the sedimentary sequence in several locations. Approximately 70 m north of the Rio Zone is an extensive unit of back Quartet Group shale, at surface in fault contact with siltstone and dolomite. The Quartet shale has a higher background scintillometer count than the other sedimentary rocks, and hence appears anomalous on the scintillometer survey contour map. A number of faults and shear zones cut the sedimentary rocks in the vicinity of the Rio Zone, with the dominant fault set – to which the mineralization appears related – trending between 240° and 270°.

Trenching to expose mineralized bedrock on the Rio zone was carried out during the 2007 field season (Figure 7). Initially a few shallow pits were dug by hand in an attempt to reach bedrock and discover the source of the mineralization. In late-July/early-August, three trenches (roughly 50 m in total length) were blasted and then mucked out using a small Kubota excavator, which was slung onto the property via helicopter. The trenches were then cleaned, mapped in detail, surveyed with scintillometer and magnetic-susceptibility meter, and chip-sampled. All three trenches were oriented at approximately 150^{o}, roughly perpendicular to the trend of the uraniferous boulder train.

Trench 2 (the middle trench and the first excavated) exposed a 5.5 m wide (close to true width) zone of yellowish-green, intensely sericitized dolomite(?) which gave a scintillometer count of up to 1500 cps. This rock is similar to the float constituting the uraniferous boulder train. The zone strikes at roughly 250^{o} and has a sub-vertical dip. It is strongly sheared over 1.5 m at its northern contact with cherty dolomite. An intensely magnetite-carbonate-pyrite-altered unit which was initially mapped as a diorite but may in fact be metasomatized sedimentary rock occurs immediately adjacent to the U-mineralized zone to the south. This in turn is in contact with a malachite-stained Wernecke breccia unit. The trench cuts across what appears to be the hinge of a very gently-folded anticline.

Trench 3 (the uppermost trench) intersected the uranium-mineralized zone exposed in Trench 2, although it is substantially narrower here. The continuation, however, of a second mineralized structure present in a nearby outcrop was also better exposed within a separate blast trench 8 m south of the main trench. This second zone is markedly different in mineralization style from that of the “main” zone being characterized by silicified, carbonatized, hematized and cut with quartz/carbonate stringers containing visible grains of probable brannerite (Mauler, 2007). It is 2-3 m in width and trends sub-parallel to the main zone. Malachite and trace chalcopyrite were also noted locally in Trench 3.

Trench 1 (the lowermost trench) failed to intersect the main zone, with maximum scintillometer counts of only 500 cps. Based on geological interpretation and limited hand-trenching, it is probable that even though the trench cut across the strongest part of the boulder train, the mineralized zone trends a few metres to the north (Figure 7). Chip-sampling returned low uranium values, with a maximum of 105 ppm (sample 846162) across the sericitized shear exposed in Trench 2, and all other values less than 30 ppm. Despite this, it was decided to drill-test the zone, in the hopes that the strong uranium mineralization encountered in several of the boulders would also be intersected at depth. Drill results are discussed in section 10.3.

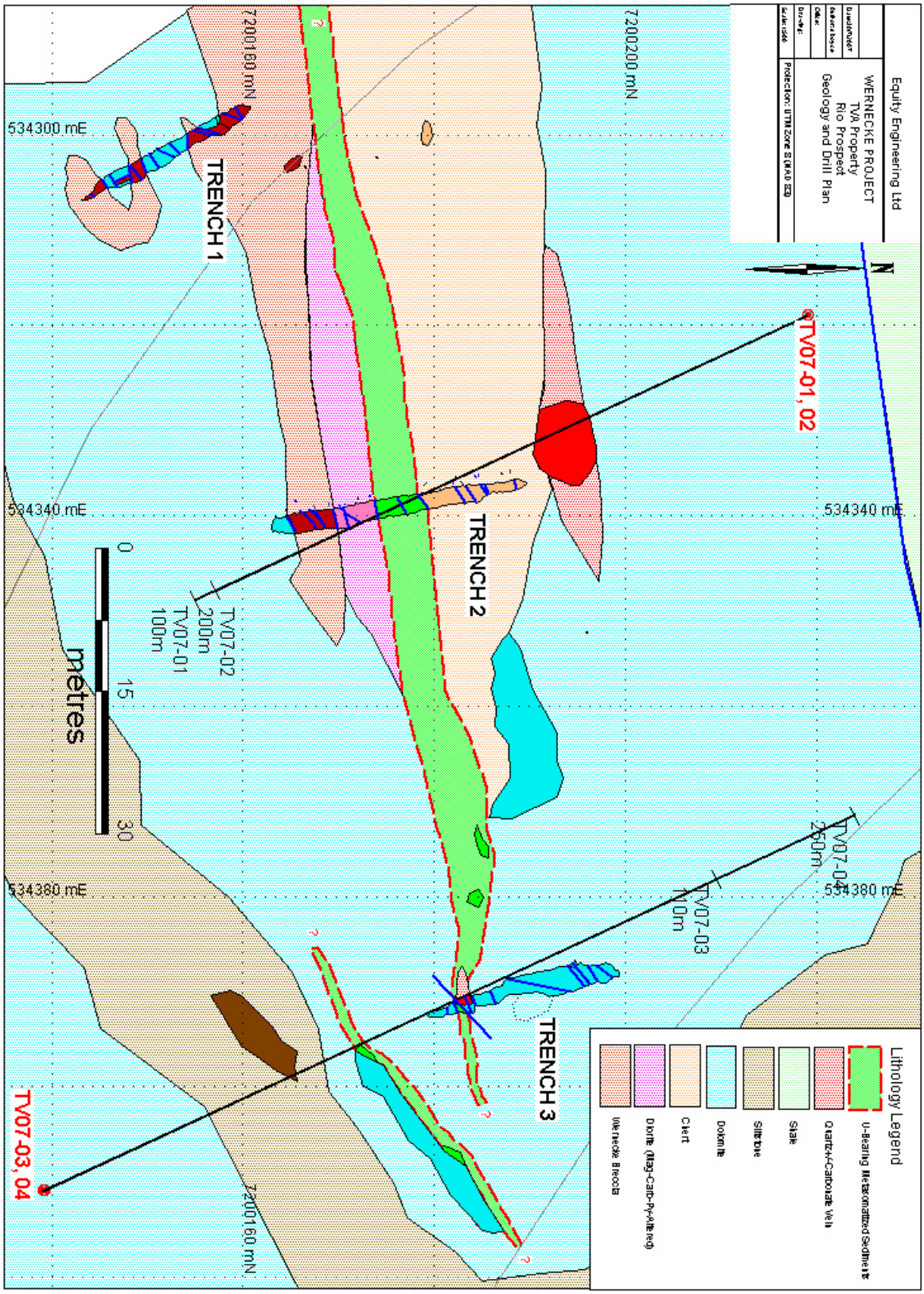


Figure 7: Rio Zone geological interpretation, trenches and surface drill traces.

9.15.2 Hem Zone

The Hem Zone is an historical Cu prospect with a limited amount of previous drilling, but encouraging Cu-U-Au results from grab samples taken during the 2006 program. The area is underlain by dolomite, cherty dolomite and siltstone with local pods of Wernecke breccia and rare diorite. Bedding of the sedimentary rocks generally strikes west-southwest and dips moderately to steeply to the north; the hinge of a tight isoclinal fold was noted at one outcrop location. Late major faults trend northwest, oblique to the ridgeline of Ursus Peak (which broadly parallels the Hem Zone proper). Most rocks have been metasomatized, with the predominant alteration minerals being chlorite and magnetite and locally specular hematite. Petrographic work on drill-core suggests that the hematite is a replacement of magnetite (Mauler, 2007).

Detailed mapping during the 2007 field season delineated two zones–the Hem proper and the Lower Hem zones (Maps 2 and 9). The Hem proper (Figure 8) has a known strike-length of about 450 m and a width of 3-5 m, with an azimuth of 250^{o} and a dip of approximately 55° to the north. The southern half of the Hem zone is represented by a footwall contact between a massive specular hematite unit (1-5 m wide) that overlies magnetite-chlorite-rich sedimentary rock and, locally, Wernecke breccia. The contact is interpreted to be a thrust fault which happens to be roughly conformable with local bedding. A more steeply-dipping shear zone locally trends along the contact. The contact zone exhibits a significant amount of secondary-copper staining and locally uranophane. The northeast end of the Hem zone is represented by a large (approximately 40 m by 20 m) intensely-chloritized outcrop (siltstone protolith?) which returned strongly anomalous scintillometer counts, locally in the high 1000's. A total of 41 chip samples were collected from this outcrop; unfortunately, uranium assays were only weakly anomalous (a maximum of 289 ppm over 2 m from sample 839724). The high scintillometer readings are therefore most likely attributed to a mass effect. Copper mineralization at Hem proper occurs along the specular hematite-magnetite-chlorite contact and has also apparently been remobilized into rare <30 cm-wide quartz-chalcopyrite veins that are concordant to the northwest-trending fault set.

The Lower Hem is less extensive and less well-defined than the Hem proper, and lies roughly 70 m downslope and to the south. It appears to have a similar orientation to that of Hem proper. At its known northeast limit it is distinguished by a gossan containing a number of thin beds of semi-massive pyrite. Continuous chip sampling across 16.5 m of this pyritic zone returned elevated Au-As-Co-Mo-Sb but the highest best result was 162 ppb Au over 1.5 m. Its southwest end is represented by another (narrower than the Hem proper) massive specular hematite unit in contact with semi-massive magnetite. Like the Hem proper, the Lower Hem is also cut by northwest-trending faults and similarly-trending quartz-chalcopyrite veins. One of these veins returned 19.8% Cu (sample 839706).

Figure 8:. View of the Hem Zone, looking northeast toward Ursus Peak. The three large outcrops located close to the ridge-top express the zone; the grey rock is massive specular hematite, and the oxidized rock below it is mineralized magnetite-rich sediments/breccia. The Lower Hem lies immediately below the outcrops at the far right of the photograph.

9.15.3 Jem Zone

During August two person-days were spent mapping and sampling in the vicinity of an 18.3 g/t Au grab sample (sample 839764) collected earlier in the field season, 350 m downslope and to the south of the Hem zone. The sample came from intensely silicified and carbonatized dolomitic(?) sedimentary rock with abundant pyrite and minor chalcopyrite in fault-contact with Quartet Group shale and proximal to two Wernecke breccia bodies. Mineralization is associated with siderite-quartz veining trending roughly due west and dipping steeply to the north. The showing is approximately 40 m long by 15 m wide and open on all sides except to the east. Thirty chip and grab samples were collected over the showing but results from these were consistently low. Drill-testing of the Jem zone, therefore, is not warranted.

9.15.4 Gnuckle Zone

In all, two days were spent by geologists investigating the Gnuckle Creek Cu-Au showing, which constitutes a contact between silicified sedimentary rock and Wernecke breccia. Two pieces of coarse brannerite (2 cm diameter) giving counts of up to 7000 cps were found in the soil a few metres away. A detailed scintillometer survey was conducted over the area on a 20 m by 10 m spacing (see section 11.1.2). Because no strong trends or particularly strong anomalies were identified with this survey, and because there is a parsity of outcrop in the area, it was decided to make Gnuckle a lower priority for trenching and to focus instead on trenching on the Rio Zone and on other properties in the Wernecke project area.

A uraniferous hand trench, apparently several years old, was found approximately 300 m southwest of the Gnuckle showing; no record of this has been found in reports for the area.

9.15.5 Conclusions and Recommendations

- At Rio, the source of the uraniferous boulder field was identified and sufficiently evaluated through trenching and drilling. The zone appears to be very restricted in width and probably also strike-length. The

uranium mineralization seems to be very patchy and low-grade despite the locally high-grade results from surface boulders. No further work is proposed here.

- Drilling completed on the Hem zone (described in section 10.3) demonstrated that it is prospective for Cu-Au mineralization. The drill program should be completed, with UT07-12 continued to its planned depth, plus a third hole should be drilled at the northeast end of the zone where uranium mineralization is strongest.
- Further work is possibly warranted around the Gnuckle Zone, including detailed geological mapping, sampling the old hand-trench, and trying to pinpoint the source of the two brannerite pebbles, possibly by trenching.
- The magnetometer survey uncovered a number of magnetic anomalies that were not followed-up due to time and weather constraints. Two anomalies in particular, located north-northeast of the Hem zone, warrant investigation.

9.16 Ursus Property

The Ursus property (Map 3) comprises 14 contiguous claims located directly south of the TVA claims. The claim group was first staked in 1976 by Harman Management Ltd. to cover the Ford U and Cu showing (Minfile 106D16-52). The property was subsequently worked by Pan Ocean Oil from 1977-1980 at which time the claims were allowed to lapse. The ground was restaked and additional work (collection of 61 rock samples and limited prospecting and mapping) was performed by the FJV from 1992-1995. At that time, the Ursus and the previously described TVA claims formed a contiguous block. The majority of the work, however, was focused on the TVA claims to the north.

Mineralization occurs as disseminated and podiform chalcopyrite in calcite stringers and veins. Several select samples from the 2006 program returned elevated Cu-Au-Ag. Exceptional values from these samples include 16.6% Cu, 0.2 g/t Au and 19.15 g/t Ag (sample 286734) and 18.2% Cu, 0.2 g/t Au, and 29.9 g/t Ag (sample 286733).

Work completed in 2007 on the property included mapping, soil and silt sampling, scintillometer prospecting, and trenching. Ninety soil samples were collected along two contour lines. Follow up on 2007 anomalous Cu-U-Co-Mo-Ni soil results led to the discovery of the Dodge brannerite showing. Subsequently a scintillometer grid and trench were completed at the Dodge showing.

The bulk of the rock samples collected was in the vicinity of the Dodge Showing and will be discussed in the following section. Six of the rock samples, however, were taken elsewhere on the property. Of those samples, two returned 1.85% Cu and 2.49% Cu (samples 839937 and 839665 respectively). All rock samples with significant mineralization can be found in Table 28.

Table 28: Ursus Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839634	Ursus	0.009	0.07	0.61	21.7	11.2	2.37	10.6	25.9	7.5	131	990	24
839663	Ursus	0.015	0.14	0.45	8.4	2320	2.03	3.5	2.2	0.66	10.1	4.7	10
839664	Ursus	0.022	0.75	5.67	9.6	9780	0.26	4.9	5.2	2.62	13	1.6	15
839665	Ursus	0.194	0.41	13.25	29.1	24900	1.83	40.9	5.8	2.51	9.2	4.3	21

9.16.1 Dodge Showing

The Dodge Showing (Map 3) is located in the center of the Ursus property and was discovered by following up a brannerite-bearing boulder field. Brannerite occurs in outcrop along the ridgeline and as subcrop downslope to the east grading into a corresponding uraniferous boulder train continuing down the slope. Thirty rock samples, several registering >10,000 cps were collected throughout the boulder train and over 80 boulders exceeding >500 cps were flagged. The uraniferous zone is approximately 30 m wide and

extends over 200 m downslope. The mineralization is similar to that of Fireweed, characterized by coarse-grained brannerite disseminated in plagioclase-hematite-altered siltstone proximal to Wernecke breccia bodies.

After the initial discovery was made, a scintillometer grid survey (discussed more in section 11.1.2) was established and additional mapping was undertaken in the surrounding area. A 40 m-long trench was blasted along the eastern side of the Dodge showing on Ursus ridge and was excavated with the Kubota excavator. The trench exposed siltstone with weak to moderate chlorite alteration. Two veins were exposed within the northern end of the trench and are composed mainly of plagioclase, chlorite and quartz and occur in association with narrow faults.

A 30 cm wide zone of brannerite-bearing veinlets was intersected 5 m from the southern end of the trench and reads 3500 cps. This brannerite zone seems to be associated with an area of faults located directly to the south. A second zone of brannerite is found to the north at approximately 14 m. This zone is approximately 20 cm wide and is characterized by disseminated brannerite along a poorly defined veinlet registering 900 cps. This material resembles the uraniferous, brannerite-bearing boulders found on surface.

A total of 38 rock samples, six from subcrop and three from the trench, were taken in the area of the Dodge showing, mainly from the float of the associated boulder train. For the 35 samples taken, the average uranium content is 760 ppm, and 11 returned greater than 0.10% U, to a maximum of 0.21% (846303). Of 18 samples analysed that recorded greater than 1000 cps on the scintillometer, these averaged 0.11% U. Additionally, after further analysis, the soil samples taken downslope of the Dodge returned greater than 80th percentile for at least one sample in all the major metallic elements that percentiles were calculated for, except for Au (Table 29).

Table 29: Dodge Showing (Ursus Property) Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839939	Dodge	0.009	0.03	0.18	1.7	78.8	8.73	3.4	16.4	4.1	119.5	740	7
839941	Dodge	0.012	0.04	0.32	15.9	13	0.47	70.7	32.8	8.21	234	1600	32
839942	Dodge	0.159	0.32	0.77	19.2	20.8	0.61	17.4	27.7	7.29	179.5	820	8
839943	Dodge	0.027	0.03	0.92	2.9	6.8	0.23	26.2	20.8	7.19	171.5	1100	13
839944	Dodge	0.021	0.03	0.58	2.3	138	0.31	16.1	29	11.85	216	1400	6
839946	Dodge	0.013	0.009	0.77	1.3	48.6	0.26	5.9	13.6	4.91	95.4	690	6
839948	Dodge	0.007	0.04	0.76	3.6	18.7	0.36	12.5	30.3	11.1	244	1600	8
839949	Dodge	0.017	0.07	0.35	20.5	16.4	0.34	26.1	17.5	5.64	114.5	500	11
839950	Dodge	0.009	0.009	0.28	4.7	17.8	0.21	32.1	18.3	6	137	890	23
846275	Dodge	0.045	0.07	0.96	3.1	24.8	0.84	8.4	27.5	10.2	184.5	1500	6
846276	Dodge	0.404	0.11	0.7	8	11.6	0.65	32.7	28.9	7.84	182.5	900	16
846280	Dodge	0.124	0.03	0.35	3.3	34.7	0.24	16.2	11.7	4.85	88.1	530	10
846281	Dodge	0.009	0.01	0.15	3.6	13.2	0.19	33.2	21.5	6.97	169.5	1200	24
846282	Dodge	0.412	1.3	0.27	3	16.2	0.9	23.9	6.6	1.88	18.8	100	9
846285	Dodge	0.037	0.06	0.6	9.9	69.5	0.35	24.1	18.8	5.63	154.5	920	15
846288	Dodge	2.07	0.11	8.9	2.8	4.7	0.13	19.7	20	7.42	181	1400	8
846301	Dodge	0.1	0.04	0.55	3.8	63.6	0.55	12	17.2	5.35	110.5	700	12
846302	Dodge	0.012	0.29	0.94	5.1	89.9	35.3	16.4	39.8	12.9	330	1800	13
846303	Dodge	0.005	0.25	1.61	4.6	36.5	22.3	18.4	43.8	13.8	338	2100	23
846304	Dodge	0.009	0.12	2	3.3	15.9	2.76	12.1	17	4.58	113.5	510	28
846305	Dodge	0.009	0.14	0.53	42.2	9.4	9.03	4	57.2	12.9	367	2300	18
846306	Dodge	0.009	0.21	0.5	32.9	12.4	62.3	130.5	27.9	6.53	189.5	1300	39

Further work on this property is not of a high priority, due to the limited scale of the Dodge showing and lack of significant mineralization found in outcrop. Additional mapping and prospecting could be carried out to the west of the Dodge showing, although the geochemistry is not highly significant in this area. The strong geochemical anomalies in the major elements found downslope of the Dodge showing warrants that more work be carried out to further define this target.

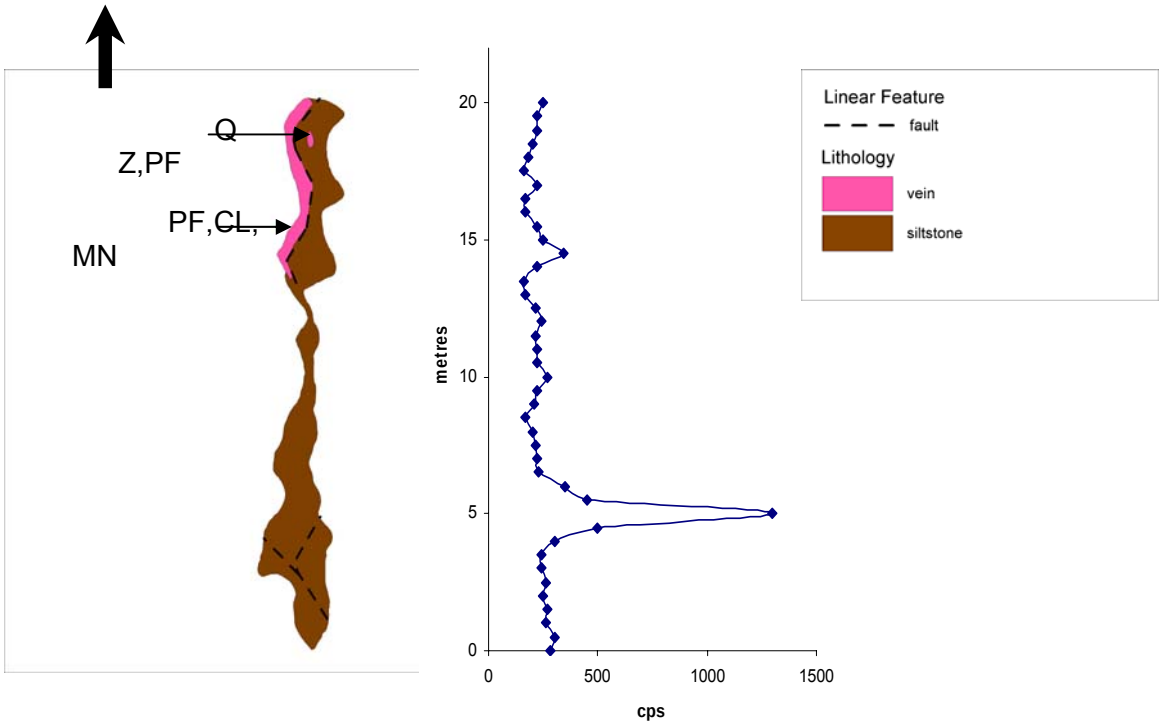


Figure 9: The Dodge trench mapping, with corresponding scintillometer readings.

9.17 VB Property

The VB property (Map 4) comprises 204 contiguous units located directly north of Fairchild Lake which were staked in July, 2006 to cover the historic Otter, Vole and Beaver properties (Caulfield, 1995, 1996; Dick and Harmeson, 1981). The ground was originally staked based on favourable geology similar to that at the Main Otter copper-cobalt showing (Stammers et al., 1978) located several kilometres to the south on the west side of the Fairchild Lake (not on Fronteer-held ground). Claims northwest of the lake were first staked in 1979 as the Otter 89-124 claims. The following year the Vole 1-43 claims were staked northeast of Fairchild Lake. Work in 2006 focused on reconnaissance mapping and geochemical surveys of two radiometric anomalies located on the eastern part of the property. Values were generally low, however, a few rock samples in one radiometric target returned 0.2 to 0.3 ppm Au and the final sample on the soil line about 1 km west of the radiometric anomaly returned 20 ppm U.

In 2007, 93 soil samples were collected from four contour lines in two areas. The 2006 soil line near the central north part of the property was extended to the property boundary and a second line added. This area was also prospected. The 2007 results confirmed the anomaly and scattered >90th percentile U in soil values extend for 800 m to the northwest along with scattered elevated Ni-Mo-Zn. Prospecting in this area failed to located significant mineralization in float or outcrop and, as such, this soil anomaly remains unexplained.

Two contour lines and prospecting were completed in the southwest corner of the property in an area highlighted as an airborne gravity anomaly. Nine scattered samples returned >90th percentile U and isolated samples returned highly anomalous Zn-Ni-Co but no coherent anomaly was delineated. A few quartz veins without significant sulphide phases and pyritic gossan were sampled but returned low values. Given that this gravity anomaly coincides with high topography, the anomaly could likely be a processing artefact (Barnett, 2007). No obvious follow up work is recommended for the VB property but it remains a tier two target.

9.18 Regional Targets

9.18.1 Chico Showing

Two days of reconnaissance mapping and prospecting in an area southeast of the Reid property on the historic Vulture claims was completed to follow up U soil anomalies from 2006 soil lines. The Vulture claims are no longer active and the area is currently on open ground. This area is underlain by moderately to strongly chlorite and weakly sericite-altered siltstone and is characterized by a broad airborne radiometric high. A strong foliation is present in the siltstones and the area appears to be dissected by a large regional-scale shear zone. Several small heterolithic breccia bodies occur in the area.

A boulder field comprising 20-30 boulders of siltstone and a single boulder of heterolithic breccia registering 1000-2500 cps was discovered within a strong U in soil anomaly. The boulders are strongly silicified and characterized by pink-red alteration that is either earthy hematite or potassic alteration. An outcrop source upslope from the boulders consisted of a 10-15 cm wide shear zone that trends ~290°. This structure is hosted in pinkish-red siltstone that is strongly silicified and produced up to 8000 cps. Two more similar structures occur ~200 m to the southeast. A select sample from the uraniferous structure returned 0.2% U and 0.33 g/t Au.

9.18.2 Reconnaissance in the Look See area

During the course of a regional silt sampling program, a 5 to 7 m-wide quartz vein was discovered as well as numerous malachite showings. Follow-up prospecting in this area discovered a large vein and fault structure named the Triple J Showing. The structure is a multi-episode quartz and iron carbonate vein which has erratic sulphide mineralization of chalcopyrite, pyrite and a cobalt mineral which is likely smaltite or cobaltite. The vein complex is located in very steep terrain and was sampled in place and from float material directly below the cliffs hosting the veins. The vein was strongly faulted and was up to 7 m width where accessible for measurement.

Results of the Triple J showing and other lesser gossanous and quartz vein showings in the area are shown in Table 30. The hydrothermal system in this area shows elevated Au-Ag-Bi-Co-Cu-Ni-Sb. The highest grade material from the actual showing returned 0.36 g/t Au and 1.8% Cu and was collected from a locally sourced float quartz vein hosted in siltstone with 2% chalcopyrite, 2% pyrite and 1% cobaltite. Only six person days of prospecting were completed in this area.

Table 30: Regional Property Significant Mineralization

Sample#	Showing	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
839553	Chico	0.013	0.02	0.23	4.2	51.8	3.39	12.6	42.7	1.21	38.3	500	9
839555	Chico	0.332	0.03	0.44	23.2	9.4	1.62	10.4	141.5	5.27	157	2000	8
839661	Triple J	0.035	1.73	6.86	56.7	1425	0.4	25.5	17	5.73	6.9	1.7	19
839666	Triple J	0.224	2.77	45.7	17.2	2030	0.36	11.1	7.7	2.54	3.1	1.7	12
839667	Triple J	0.058	0.28	11.15	1780	353	0.3	262	10.1	5.77	2.8	0.9	19
839668	Triple J	0.038	0.67	2.43	505	1135	0.28	83.1	4.5	7.02	11.2	1.1	9
839669	Triple J	0.358	6.79	200	668	17600	0.2	305	11.7	28.8	-0.2	0.2	30
839670	Triple J	0.012	1.46	7.62	56.7	742	0.27	32.1	12.7	16.35	0.2	1.3	14
847066	Triple J	0.058	5.17	4.39	205	7780	0.94	41.2	2.6	3.32	0.3	0.5	8
847129	Triple J	0.076	1.97	1.94	435	2470	0.71	65.4	5.9	5.17	1.7	1.1	14
847131	Triple J	0.17	0.11	1	195.5	37	3.41	27.7	3.1	1.17	3.6	0.6	17
847133	Triple J	0.108	0.21	0.62	72.8	10.5	0.31	69.7	4.3	8.66	9.1	27.6	11
847135	Triple J	0.423	22.5	7.23	10.9	1590	0.62	13.9	47.3	42	10	2.2	49
847136	Triple J	0.152	0.29	1.46	16.4	1010	4.13	15.4	7.9	4.42	8.6	2.7	23
847139	Triple J	0.171	0.14	5.99	711	5.4	3.72	48.2	3.4	0.61	0.7	0.3	6

10.0 DIAMOND DRILLING

6537.96 m of NQ2-sized diamond drilling in 28 holes was completed during the 2007 program (Table 31). Drilling was completed by three different drill contractors including Foraco Drilling of Kamloops, BC, Cabo Drilling of Surrey, BC and Dorado Drilling of Vernon, BC. Seven different targets were tested including Central Hoover, Pagisteel, MDV, HEM, Rio, DR and Fireweed Boulder Train. This drilling was focused on a combination of follow-up targeting of 1990s Fairchild JV drilling and testing of new targets delineated by the 2006 and 2007 field programs. In all, 4084 drill core samples were collected including 395 quality control samples.

Table 31: Summary of Drilling Completed During the 2007 Program

Hole ID	UTM Easting NAD83	UTM Northing NAD83	Elev (m)	Length (m)	Azimuth	Dip	Property	Prospect
Follow-up Holes to 1990s Drilling								
HV07-19	535424	7217343	761	436	60	-45	Hoover	Central Hoover
HV07-20	535630	7217270	830.6	68	240	-60	Hoover	Central Hoover
HV07-21	535630	7217272	830.6	374	240	-70	Hoover	Central Hoover
HV07-22	535666	7217140	804	340	260	-70	Hoover	Central Hoover
HV07-23	535717	7216836	636.7	236.5	270	-65	Hoover	Central Hoover
HV07-24	535719	7216836	636.7	136	90	-45	Hoover	Central Hoover
HV07-25	535397	7217582	760.5	413	80	-45	Hoover	Central Hoover
HV07-26	535642	7217475	912.9	327.2	240	-75	Hoover	Central Hoover
HV07-27	535384	7217391	767	310.7	60	-45	Hoover	Central Hoover
UT07-11	534530	7201068	1721	459.58	150	-45	TVA	HEM
UT07-12	534449	7200900	1820	206.7	125	-45	TVA	HEM
				3307.68 m				
Holes Testing Targets Not Previously Drilled								
DR07-01	540839	7199312	803	177.0	340	-45	DR	DR Zone
DR07-02	540814	7199257	870	172.9	340	-45	DR	DR Zone
FW07-01	527580	7211916	1234	163.68	100	-45	Fireweed	Fireweed Boulder Field
FW07-02	527580	7211916	1234	197.51	100	-70	Fireweed	Fireweed Boulder Field
FW07-03	527567	7211834	1232	155.45	100	-45	Fireweed	Fireweed Boulder Field
FW07-04	527567	7211834	1232	206.65	100	-70	Fireweed	Fireweed Boulder Field
FW07-05	527455	7211774	1202	307.55	100	-55	Fireweed	Fireweed Boulder Field
PG07-01	537818	7194720	1325	152.4	120	-50	Pagisteel	Pagisteel Fault
STM07-01	527898	7206106	1555	202.5	70	-90	Slats	MDV Zone
STM07-02	527898	7206106	1555	147	70	-70	Slats	MDV Zone
STM07-03	527910	7206058	1542	176	70	-70	Slats	MDV Zone
STM07-04	527910	7206058	1542	165	70	-50	Slats	MDV Zone
STM07-05	527980	7206100	1507	241.5	250	-45	Slats	MDV Zone
STM07-06	527934	7205999	1528	284.7	70	-70	Slats	MDV Zone
UT07-08	534320	7200214	1533	142.34	170	-42	TVA	Rio
UT07-09	534415	7200138	1571	166.73	335	-45	TVA	Rio
UT07-10	534277	7200220	1523	171.37	155	-42	TVA	Rio
				3230.28 m				
		TOTAL DRILLING 2007		6537.96 m				

10.1 Hoover Central, Hoover Property

The FJV drilled eight holes on the current Hoover property in 1994 (Jones, 1995b; Stammers, 1995b), testing surface mineralization in two areas. Significant mineralization from this drilling is summarized in Table 32. Five holes were drilled southeast of Radio Creek, in the Central Zone, hitting altered sedimentary rocks and Wernecke breccia. Four of these holes yielded long Cu±Au intervals, with the best sections correlating to

the strongest brecciation and stockwork calcite-quartz veining. The other three holes were drilled northwest of Radio Creek, intersecting only weak Cu-Au mineralization.

The 1995 Hoover drilling (eight holes) was designed to extend the Central Zone mineralization along strike and down-dip and to test a covered target marked by a magnetic low along strike to the northwest of the Central Zone (Jones, 1995b). Thick overburden frustrated the first objective, with both holes abandoned in thick overburden. Six holes tested the geophysical anomaly along three sections covering 1,200 m of its strike length, intersecting scattered Cu-Au mineralization within variably altered phyllite. Two further drill holes on the Central Zone in 1997 were unable to penetrate thick fluvial overburden, whose minimum depth is 116 m, the depth at which the second hole was abandoned (Stammers, 1998a).

In 2007, nine holes were drilled as follow-up holes from the 1990s drilling. The more recent holes tested the Central Zone along strike and as infill drilling and attempted to determine the orientation of the zone and find higher-grade zones. The drilling showed the zone to be steeply dipping and to be generally controlled by a heterolithic breccia / sedimentary rock contact. Locally higher grade copper and gold mineralization was encountered, however, over narrow intervals. The zone is at least 500 m long and is very generally planar, however, mineralized intervals vary from 25 to about 125 m thickness.

Table 32: Significant Hoover Drill Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (%)
HV94-03	121.76	193.72	72.99	0.32	0.42
HV94-05	3.05	284.70	281.65	0.06	0.23
HV94-07	309.50	381.50	72.0	0.07	0.22
HV94-08	31.17	157.89	126.72	0.08	0.44
HV95-12	92.00	104.00	12.00	0.20	0.35
HV07-19	214.80	238.00	23.2	0.21	0.39
and	264.60	313.00	48.4	0.12	0.28
HV07-21	273.40	350.00	76.6	0.11	0.23
HV07-22	79.70	168.20	88.5	0.11	0.55
HV07-25	170.00	254.00	84.0	nil	0.12
HV07-26	319.30	327.00	7.9	0.29	1.20
HV07-27	19.50	58.00	38.5	0.17	0.64
and	204.70	219.00	14.3	0.62	2.15

10.1.1 HV07-19 (az. 060°, dip -45°, 436.00 m)

This hole (Cross Section 1) was a ~200 m step up from HV94-07 which intercepted 72 m of 0.22% Cu. HV07-19 intersected siltstones from 11.3-316.1 m that correlate with a unit logged in HV94-07 as hornfels. From 316.1 m to the end of the hole, heterolithic Wernecke Breccia was intersected. Mineralized intersections included 23.2 m (0.21ppm Au; 0.39% Cu) at 214.8 m depth, and 48.4 m (0.12ppm Au; 0.28% Cu) at 264.6 m. Increased calcite alteration was observed within the mineralized zone. Chalcopyrite mineralization typically occurred as stringers and blebs associated with calcite veins within the siltstone, and as blebs within the matrix of the breccia.

10.1.2 HV07-20 (az. 240°,dip -60°, 68.00 m)

This hole collared in phyllite and upon intersection of siltstone at about 51 m, the hole intersected several metres of rubble, sand, and gravel at 59 m (Cross Section 2). This was thought to be a large fault zone and the hole was abandoned in favour of a steeper inclination.

10.1.3 HV07-21 (az. 240, dip -70°, 374.00 m)

This hole (Cross Section 2) was a re-drill of HV07-20. This hole (as well as HV07-20) were designed to target mineralization encountered in HV94-03 and was drilled down-slope in an effort to avoid drilling through problematic valley fill overburden.

The hole encountered unmineralized phyllite to 58 m and then cored siltstone (locally crackle brecciated) to 374 m (EOH). Homolithic Wernecke Breccia was encountered from 89 to 117 m. Abundant chalcopyrite mineralization was encountered in three separate zones corresponding to Cu and Au mineralization. Core is strongly oxidised to about 135 m as evidenced by common copper carbonates and iron oxide-coated fractures.

10.1.4 HV07-22 (az. 260°, dip -70°, 340.00 m)

This hole was targeted as an up-dip test of holes HV94-05 and HV94-08. After 8.9 m of overburden a heterolithic breccia unit was intersected that included localized chalcopyrite mineralization up to 2% (Cross Section 3). From 83.4-83.8 m a narrow fault breccia unit was encountered. From 83.8 m to the end of the hole a siltstone was intersected. A 88.5 m mineralized section (0.11ppm Au; 0.55% Cu) was intersected in this hole beginning at 79.7 m.

10.1.5 HV07-23 (az. 270°, dip -65°, 236.5 m)

This hole was designed to test the southern extension of the Central Hoover Zone under the thick over-burden of the valley bottom (Cross Section 4). It intercepted siltstones from top to bottom and had to be shut down early due to the drill pad becoming unstable. No significant copper mineralization was seen in HV07-23; however 2-3% magnetite was intersected at 208 m and continued until the end of the hole. Strong chlorite, moderate-strong silica, and weak-moderate calcic alteration occurred throughout the hole.

10.1.6 HV07-24 (az. 090°, dip -45°, 136.00 m)

This hole was designed to test the south-east extension of the Central Hoover Zone along the hill slope (Cross Section 4). It intercepted siltstones from top to bottom and had to be shut down early due to the drill pad becoming unstable (same drill set-up as HV07-23). No significant copper mineralization was seen in HV07-24; however 1% magnetite was intersected at 104 m and continued until the end of the hole. Strong chlorite, moderate silica, and weak-moderate calcic alteration occurred throughout the hole.

10.1.7 HV07-25 (az. 080°, dip -45°, 413.0 m)

This hole tested the continuation of the mineralized zone ~225 m north of HV07-19 at a similar elevation (Cross Section 5). After 5.7 m of overburden, a heterolithic breccia unit was intersected and continued to a depth of 47.2 m where it changed to a homolithic breccia which continued to a depth of 101.1 m. A magnetic diorite unit was then intersected from 101.1-129.9 m that contained trace-1% pyrite. A similar heterolithic breccia to the one seen earlier in the hole was intercepted again from 129.9 m to the end of the hole. From 169.7 m to the end of the hole, chalcopyrite mineralization occurs in a similar style to that seen within the breccia unit of HV07-19.

10.1.8 HV07-26 (az. 240°, dip -75°, 327.2 m)

This hole was designed to test the up-dip continuity of the mineralized zone on section with holes HV94-07 and HV07-19 (Cross Section 6). After 6.4 m of overburden, a grey-black phyllite was intersected down to a depth of 233.2 m where it came in contact with a heterolithic breccia unit. The heterolithic breccia continued to a depth of 260.9 m where it came in contact with a siltstone similar to the one seen in the upper part of HV07-19. The siltstone unit continued for the remainder of the hole and contained the only significant mineralization seen in the hole. At a depth of 319.3 m, 7.9 m of mineralization (0.29ppm Au; 1.20% Cu) occurred within a calcite-quartz crackle breccia of siltstone. This style of mineralization is similar to that seen in the siltstone unit of HV07-19.

Unfortunately the drill encountered significant problems at a depth of 327.2 m and after several days had to be shut down. The core barrel became stuck in some blocky ground (possible fault) and was eventually lost down the hole.

10.1.9 HV07-27 (az. 310°, dip -45°, 310.5 m)

This hole was designed to test the continuity of mineralization between holes HV07-19 and HV07-25 as well as the strong mineralization seen near the end of HV07-26 (Cross Section 6). After 3.0 m of overburden, a grey-green siltstone unit was encountered to a depth of 267.4 m. A fault gauge/shear zone was intersected from 267.4 m to 268.2 m which marked the contact between the above siltstone unit and a lower heterolithic Wernecke Breccia. The breccia continued from 268.2 m to the end of the hole at 310.5 m. A 38.5 m mineralized interval (0.17 ppm Au; 0.64%Cu) occurred at 19.5 m depth. A second interval of 14.3 m (0.62 ppm Au; 2.15% Cu) occurred at a depth of 204.7 m.

10.1.10 Discussion

Drilling at the Central Hoover Zone in 2007 identified Cu-Au mineralization over a broad area of similar grade to that intersected by the FJV. Mineralization appears to be related to the western contact between sedimentary rocks of the Fairchild Lake Group and a Wernecke breccia body. Sedimentary rocks (dominantly phyllite) near the eastern contact with the breccia body are not mineralized, but do have moderate-strong magnetite alteration or possibly regional metamorphic magnetite porphyroblasts. This contact may be a post-mineralization fault. In general, the breccia is steeply dipping and trends north-northwest. The breccia is not strictly planar but is likely somewhat irregular. Locally on surface two orthogonal breccia orientations or present.

Mineralization at the Central Hoover zone appears to be related to carbonate-rich fluids which likely originated from the breccia body. Within the sedimentary rocks, chalcopyrite occurs as veinlets, stringers, and blebs associated with carbonate veining. Within the breccia, chalcopyrite dominantly occurs as blebs and disseminations within the matrix. These styles suggest that the timing of mineralization is synchronous with the formation of the breccia. Mineralization is not continuous within the breccia body which suggests other factors also control mineralization. The Central Hoover zone has abundant folding, faulting, and fracturing, suggesting structure may play an important role in mineralization.

Regional airborne magnetic data at the Central Hoover zone show strong magnetic highs to the northwest (centred near HV94-01) and southeast (east of HV97-17). These magnetic highs trend north-south and are joined by a moderate magnetic high trending northwest across the Central Hoover zone. This moderate magnetic high may represent a regional scale dilation zone providing space for the breccia body and/or mineralizing fluids.

At the north end of the Central Hoover zone near Radio Creek, mineralization appears to trend north-south rather than following the breccia contact along the hill slope towards the Irene Showing. Drill hole HV94-04 failed to intersect significant mineralization, despite drilling across the western contact of the breccia. Drill hole HV07-25, however, intersected 84 m of mineralization (0.12 g/t Au; 0.08% Cu) below 170.0 m. This may indicate a finger of the breccia body, or a second breccia body, following a northward trend near Radio Creek which is not exposed on surface. Alternatively, Radio Creek may represent a post-mineralization fault which displaces the mineralized zone.

At the south end of the Central Hoover zone, mineralization trends underneath thick fluvial cover of the valley bottom. Several attempts have been made to trace mineralization to the south without success. Holes HV07-23 and HV07-24 cored un-mineralized siltstone, however, both holes contained encouraging alteration assemblages and magnetite.

Future drilling at the Central Hoover zone should focus on extending the zone north and south as well as targeting further higher grade zones. Extending the zone to the south would require drilling through the thick over burden of the valley bottom. Similarly, step-down holes from HV94-03 and HV94-07 could be accomplished by drilling from the edge of the valley bottom, but would require drilling through significant

overburden. In order to extend the zone northward, drilling would need to be attempted to the north of Radio Creek, east of HV94-04.

10.2 Pagisteel Fault Zone, Mica Hail Property

PG07-01 was drilled to test for mineralization at depth across the poorly-exposed Pagisteel Fault. The hole was drilled with an azimuth of 120^{o} and a dip of -50^{o}. Owing to poor exposure, little data were available for targeting. The selected location targeted rusty limonitic and malachite-coated felsenmeer with vein quartz and chalcopyrite that returned encouraging results from the 2006 program and follow-up work during the 2007 program. The hole ended prematurely at a depth of 152.4 m instead of the targeted depth of 250 m, due to an increasing probability of losing a drill rod string in squeezing ground and due to cold temperatures and increasingly inclement autumn weather.

10.2.1 PG07-01 (az. 120^{o}, dip -50^{o}, 152.4 m)

This hole (Cross Section 7) intersected several zones of fault breccia and fault gouge characterized by strongly slickensided graphitic argillite–evidently structures associated with movement across the Pagisteel Fault. Recovery was locally poor, although some near continuous runs of fault gouge were cored intact. The upper 18.3 m of the hole was overburden overlying several intervals of heterolithic and monolithic Wernecke breccia hosting quartz ± calcite ± pyrite veins and veinlets with minor hematite to about 54 m. The remainder of the hole is mainly metasomatized sedimentary rock with intervals of the graphitic argillite and minor zones of heterolithic breccia and shale. Petrographic examination of metasomatite from 74 m depth indicates that the sedimentary rock is pervasively quartz ± illite / sericite ± chlorite ± hematite altered and cut by numerous veinlets comprising quartz-chlorite-dolomite and associated pyrite and chalcopyrite (Mauler, 2007).

The most significantly mineralized zone occurs from 117.3 to 123.4 m. This 6.1 m wide zone (likely near true width) contains 5% disseminated chalcopyrite with 5% pyrite and returned 2.57% Cu, 0.97 g/t Au and 980 ppm Co and elevated REEs. This was the only interval with abundant chalcopyrite mineralization which gradually decreased over the 3 m below this interval to approximately 0.2% chalcopyrite by 126 m depth.

Another well-mineralized zone of semi-massive hematite, pyrite and magnetite with trace chalcopyrite occurs from 71.5 to 80.8 m; however, this zone returned low geochemical values. The best result from this interval is 0.31 g/t Au and 193 ppm Cu over 1.40 m. Deeper in the hole, a 0.40 m wide sample centered on a 5 cm-wide zone of 10% chalcopyrite returned 2.1% Cu and 23 ppb Au from 149.10 m.

The 6.1 m-wide intercept in PG07-01 is encouraging given that this is the first ever drill hole in this part of the Pagisteel Fault corridor which is characterized by strong soil geochemical anomalies for 2.5 km strike length. The most conspicuous evidence of the Pagisteel Fault in PG07-01 – the graphic argillite fault gouge zones – postdate the alteration and copper mineralization in the intervening sedimentary and breccia wallrocks. Clearly a mineralizing hydrothermal system was active prior to the final movement along the Pagisteel structures, however, it remains to be demonstrated how extensive this earlier system is along strike. Further drilling of the Pagisteel corridor is recommended, possibly after conducting an electromagnetic ground geophysical survey. Induced polarization surveys would likely be of limited use given the abundance of graphite in the system.

10.3 TVA Property (Rio and HEM Zones)

The FJV drilled seven holes on the TVA a property in 1995 targeting soil geochemical anomalies (Klatt and Jones, 1995a). These holes encountered widespread copper mineralization within variably altered and mineralized dolomitic shale with disseminated chalcopyrite and pyrite and zones of specularite-carbonate-magnetite-chalcopyrite veining. The Hem Zone was targeted by two drill holes (UT07-11 and -12, total 666.3 m) in 2007 as follow-up tests to the broad intercept of UT95-06 and to target uranium, copper and gold mineralization. The Hem Zone drill program was not completed due to drilling difficulties related to bad

weather conditions: one deep hole (UT07-11) was completed; a second hole (UT07-12) was abandoned while still in mineralization; a third planned hole was not drilled.

These holes cored altered siltstone with numerous zones of Wernecke breccia and associated metasomatized sedimentary rock. Both holes encountered moderately copper-gold mineralized zones associated with pyrite and chalcopyrite and REE (Ce and La) enriched zones associated with iron oxide replacement zones. U values were consistently low. Both holes intersected strong pyrite and magnetite mineralization. The massive specular hematite unit which represented a "hanging-wall" to the Hem Zone was not intersected in either hole. Significant mineralization encountered in these holes is summarized in Table 33.

Table 33: Significant Hem Zone Drill Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (ppm)	Ag (ppm)	Co (ppm)	Cu (%)	Ce (ppm)	La (ppm)
UT95-06	2.00	186.06	184.06	0.07	N/A	N/A	0.15	N/A	N/A
UT95-07	79.75	86.62	6.87	0.03	N/A	46	0.26	N/A	N/A
UT07-11	332.5	354.61	22.11	0.13	4.26	98	0.38	280	260
UT07-12	178.4	189.97	11.53	0.04	0.63	105	0.31	116	75
UT07-12	149.84	158.21	8.37	0.18	0.50	205	0.36	359	318

Also on the TVA property, three holes (UT07-08, -09, -10) were drilled targeting the Rio Zone in August for 480.5 m. High-grade uranium mineralization is indicated at Rio by an uraniferous boulder field and a radioactive sericite-altered fault zone exposed in outcrop and by trenching (Map 9). Strongly albite-sericite-carbonate-altered sedimentary rocks interleaved with Wernecke breccia were encountered with scattered elevated Au-Cu-Co-Mo-REE. Highest results were 0.80 g/t Au and 0.43% Cu over 0.29 m. Uranium values were consistently low.

10.3.1 UT07-08 (az. 170°, dip -42°, 142.34 m)

UT07-08 (Cross Section 8) was the first hole drilled on the Rio Zone targeting the uranium mineralization exposed in Trench 2. However, as in the trenches, assay results were disappointing. The hole intersected a package of sedimentary rocks (chert/dolomite/siltstone) which were locally intruded by narrow intervals of Wernecke breccia. Between 52.8–77.1 m, a strongly metasomatized zone was intersected, rendering identification of the protolith of sediments between 52.8–60.0 m and 74.2–77.1 m impossible (the two sedimentary units were separated by a breccia unit). The latter of these metasomatized sedimentary units likely corresponds to the sericitic, weakly uraniferous, sub-vertically-dipping zone encountered in Trench 2. The former metasomatized unit was strongly magnetite-carbonate-pyrite-altered and returned weak gold and copper assay values (Table 34). The best interval returned 1.22 m of 0.43% Cu and 0.47 g/t Au from 57.0 m. The hole was shut down in relatively unaltered siltstone.

Table 34: UT07-08 Significant Assay Results

Hole ID	Sample#	From m	To m	Interval	Au ppm	Ag ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Th ppm	U ppm	Zn ppm
UT07-08	846697	17.37	17.72	0.35	0.026	0.8	1.69	52.6	1790	4.02	24	2.8	1.28	6.2	2.5	22
UT07-08	846746	52.5	53.18	0.68	0.151	0.78	5.96	668	823	126.5	102	6.6	1.87	15.9	26.5	9
UT07-08	846751	55.18	55.62	0.44	0.199	1.86	1.35	190	459	116.5	39.2	4	2.09	10.5	11.1	12
UT07-08	846754	57	57.47	0.47	0.603	1.08	2.94	670	913	302	88.4	5	1.27	7	16.5	14
UT07-08	846756	57.47	57.93	0.46	0.103	0.73	0.7	95.7	44.7	115	31	3.9	2.11	11.1	13.2	6
UT07-08	846757	57.93	58.22	0.29	0.835	2.02	1.84	469	4320	349	71	4.8	1.19	4.3	14.3	9

10.3.2 UT07-09 (az. 335°,dip -45°, 166.73 m)

This hole (Cross Section 9) was drilled downslope from Trench 1, in the opposite direction to UT07-08 to test for a downward extension of the main sericite-rich uraniferous zone, as well as a second, subparallel, potassic/hematitic zone exposed in outcrop just east of the trench. UT07-09 failed to intersect any significant mineralization. Wernecke breccia was intersected to 30.3 m; followed by dolomite and metasomatized (silica, potassium-feldspar(?)) siltstone to 49.5 m, whereupon more Wernecke breccia was intersected. Between 70.3–85.0 m strong magnetite-carbonate-pyrite-silica-albite alteration was encountered (of both Wernecke breccia and a sedimentary unit). Dolomite/cherty dolomite were then intersected to 104.6 m, followed by a black shale unit (probably Quartet Group). A bull-quartz vein was intersected between 111.4-118.0 m. Below this to the end of the hole was a mix of siltstone, shale and Wernecke breccia; a fault zone was intersected from 155.7–164.5 m.

10.3.3 UT07-10 (az. 155, dip -42°, 171.4 m)

This was the third hole testing the Rio Zone (Cross Section 8) and tested directly across the uraniferous boulder-field to target the zone at about 100 m depth. The hole did not intersect the zone; however, a narrow zone of uraniferous mineralization was encountered at 132.5 m, hosted within a 2 cm-wide quartz ± pyrite ± brannerite vein oriented 20° to the core axis. A 0.35 cm wide sample centered on this vein returned 167.5 ppm U. Other mineralization within the hole is mainly disseminated and vein-hosted pyrite varying from trace to 10%. Locally large (2-3 cm) blebs of pyrite are hosted within veins. Locally magnetite is found up to 10% whereas chalcopyrite and hematite are found in trace amounts throughout. A 1.75 m wide sample of heterolithic Wernecke breccia with 10% magnetite from 64.25 m returned 0.26 g/t Au and 149 ppm Mo.

The lithologies encountered in this hole were: metasomatized sediments, shale, and breccia, both monolithic and heterolithic, which had undergone varying degrees of silicification, albitization, and chloritization, as well as potassic and sericitic alteration. The single monolithic breccia phase represented brecciation of shale caused by fluids resulting in angular shale clasts hosted in a fine-grained matrix. Sulphide mineralization within the hole was mainly disseminated and vein-hosted pyrite varying from trace to 10%; locally large (2-3 cm) blebs of pyrite were hosted within veins. Towards the bottom of the hole, abundant chloritic andalusite porphyroblasts were intersected.

10.3.4 UT07-11 (az. 160°, dip -45°, 459.58 m)

UT07-11 was drilled to test both the central portions of the Hem and Lower Hem Zones at depth (Cross Section 10). To 131.7 m, alternating units of siltstone and Wernecke breccia were intersected. Below this a 0.9 m unit of metasomatized sedimentary rock (intense silica / weak potassium feldspar) was intersected which contained trace brannerite. This unit corresponds to the down-dip projection of the Hem proper, although it is somewhat different in mineralization style. The interval between 132.6 and 221.9 m was dominated by strongly chloritized Wernecke breccia, with the exception of a narrow interval of siltstone/dolomite. This breccia unit correlates with a breccia complex mapped on surface. Below this to 245.9 m siltstone was encountered, similarly chloritized. From 245.9 to 333.2 m locally albitized/silicified sediments (probably all siltstone) with minor pyrite and trace chalcopyrite were intersected. Between 333.2 and 354.6 m monolithic breccia was intersected; this was crackle-brecciated with a chlorite-magnetite matrix, hematized, and contained 0.5-4% chalcopyrite and was weakly anomalous on the scintillometer. A 28.68 m interval starting at 332.5 m returned 0.13 g/t Au and 0.38% Cu (Table 35). Chalcopyrite occurred in a number of hosts: in the breccia matrix, with magnetite, and in particular in quartz+/-carbonate veining which was generally at low angles to the core axis. Siltstone was then intersected to 401.2 m; this was generally altered by magnetite-chlorite-dolomite-pyrite-specular hematite. A 2 m-wide shear zone marked the contact between these altered siltstones and a chloritized, sericitized Wernecke Breccia containing 0.5% disseminated pyrite. Between 411.4 and 424.9 m an intensely altered zone (silica-carbonate-albite-sericite) with 10% pyrite and 12% magnetite and abundant white quartz-vein material was intersected; protolith is most likely siltstone. More Wernecke breccia was then encountered, to 440.9 m, which was sericitized and chloritized and contained minor pyrite. The hole ended in patchily silicified siltstone, locally crackle-brecciated, with approximately 4% pyrite. The hole was shut down due to drilling limitations. No significant uranium

mineralization was intersected in UT07-11. Likewise, the massive specular hematite beds mapped on surface and associated with both the Upper and Lower Hem were not intersected.

Table 35: UT07-11 Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (%)	Ag (ppm)	Ce (ppm)	Co (ppm)	La (ppm)
UT07-11	175.87	176.36	0.49	<0.005	1.59	4580	152	50	86
UT07-11	332.5	354.61	28.68	0.13	0.38	0.19	280	98	260
incl	332.5	341.04	8.54	0.14	0.20	0.15	386	81	381
incl	345.28	349.63	3.65	0.30	1.29	0.44	119	109	87
UT07-11	402.48	404.77	2.29	0.02	0.25	0.37	106	277	66

10.3.5 UT07-12 (az. 125°, dip -45°, 206.7 m)

UT07-12 (Cross Section 11) was drilled to test the south-western end of the Hem Zone (both Hem proper and the Lower Hem). The 125° azimuth also allowed it to obliquely test chalcopyrite-bearing quartz veining mapped on surface (running at az. 160°). The hole collared in Wernecke breccia with red (potassic) clasts. A major siltstone unit was intersected at 79.0 m and continued to 116.4 m; the lower portion of this unit was altered (silica / probable potassium feldspar), and the section between 87.5 and 88.4 m was moderately anomalous on the scintillometer (up to 400 cps with core in box). This correlates reasonably well with the projection of the Hem proper zone from surface. Strong magnetite mineralization also begins at this approximate depth (83.5 m), and continues to the bottom of the hole. In addition, a zone of approximately 5% quartz-carbonate-chalcopyrite veining was logged starting at 87.5 m and continuing to the base of the unit. Most of these veins were at low angles to the core axis. Between 116.4 and 117.6 m semi-massive magnetite was intersected, followed by a hematized siltstone which was weakly anomalous on the scintillometer locally. Between 128.7 and 130.9 m another unit of massive magnetite was drilled, which was followed by more hematized siltstone to 149.8 m. The bottom 15 m of this siltstone contained 15% pyrite. This was followed by a breccia unit containing magnetite, pyrite and 0.5% chalcopyrite; the upper 8.4 m of this unit returned low Cu, Au and very low U values (Table 36). From 165.9 to 191.4 m, altered (earthy hematite/ sericite/ dolomite/ weak silica/ possible weak potassium feldspar) siltstone was intersected; the top 3m of this unit was anomalous on the scintillometer, although not by laboratory analysis. Another section of weak Cu mineralization occurred within this unit (11.6m of 0.31% Cu); this mineralization may be related to low angle quartz-carbonate-magnetite-specular hematite veining. Below this to 194.9m a section of semi-massive pyrite was drilled, which was followed by semi-massive magnetite to 200.1m. Metasomatized (silica/ albite/ carbonate/ potassium feldspar) sediments with strong pyrite and minor chalcopyrite were then drilled to the end of the hole. The hole was abandoned before its planned depth of 250m due to the waterline and drill-string freezing.

Table 36: UT07-12 Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (ppm)	Ag (ppm)	Co (ppm)	Cu (%)	Ce (ppm)	La (ppm)
UT07-12	149.84	158.21	8.37	1.5	0.50	205	0.36	359	318
UT07-12	178.4	189.97	11.53	0.04	0.63	105	0.31	116	75
UT07-12	199.35	200.60	125	0.03	5.15	13	0.48	459	493

10.4 Reid Property (DR Zone)

During the 2007 field program, two holes were completed targeting the previously un-drilled DR Zone. Both holes targeted 070º striking fracture controlled carbonate-quartz-chalcopyrite veins which returned 2.2% Cu over 9.0 m of continuous chip sampling (Jones, 1995a). Holes DR07-01 and -02 are shown on Cross Section 13.

10.4.1 DR07-01 (az. 340°, dip -45°, 177.00 m)

This hole (Cross Section 12) was drilled beneath the anomalous surface outcrops towards 340° at an inclination of -45°. The hole cut fine-grained, greenish to light and dark grey siltstone throughout the hole to a final depth of 177.0 m. This consistent protolith showed variations, however, in alteration style and intensity.

From 12 to 125 m and from 138 to 177 m, the hole comprises moderately chlorite-sericite and weakly dolomite altered siltstone with trace chalcopyrite-pyrite-hematite. Locally the unit shows alternating biotite-rich and biotite-poor layers that are likely primary laminations and show partial retrogression to chlorite. The rest of the rock comprises extremely fine-grained quartz and sericite (Mauler, 2007). Trace, very fine-grained magnetite and sub-millimeter green chloritoid (?) porphyroblasts are present through the unit. Fine laminations (S_0) are oblique to the moderately developed foliation (S_1). Thin (1-5 mm) calcite veinlets cut both fabrics and are common throughout the hole. Trace wisps of sphalerite are also found throughout but are closely associated with the chlorite.

A core unit from 125.05 to 137.75 is strongly to intensely silicified and weakly chlorite and sericite altered. The margins of this unit and minor portions of the inner unit are brecciated. Breccia clasts have diffuse irregular margins and are quartz matrix supported. Minor chlorite veins and segregations are associated with dolomite-hematite-pyrite and trace chalcopyrite.

Trace chalcopyrite is associated with chlorite segregations and quartz-carbonate veins throughout the hole but never in concentrations more than about 1% and analytical results are generally low. The highest grade sample from DR07-01 returned 8940 ppm Cu and 0.11 g/t Au over 0.70 m from 125.05 m (the top contact of the silicified unit).

10.4.2 DR07-02 (az. 340°, dip -45°, 172.90 m)

This hole (Cross Section 12) was drilled to test for an extension of the extension of the DR Zone 60 m southwest of DR07-01. Despite being collared very close to DR07-01, this hole cored a different lithology, encountering fine-grained sandstone with minor siltstone throughout. Primary sedimentary structures are rare in this hole and alteration is dominated by strong to moderate silica-chlorite-albite-rutile-calcite (Mauler, 2007). Trace chalcopyrite occurs within this hole but geochemical values were insignificant.

10.4.3 Discussion

Both DR Zone-targeted holes intersected variably altered sedimentary rock with trace chalcopyrite and sphalerite. Core axis angles from bedding and foliation planes are consistently less than about 25°, consistent with the north-dipping bedding orientations exhibited by surface outcrops throughout the DR Zone. Vein core axis angles were higher and more variable suggesting that the interpreted southeast dip to the mineralized zone, as determined from chalcopyrite-bearing fracture and vein measurements (Jones, 1995a), might be the appropriate interpretation for this zone. Given that neither hole encountered significant copper mineralization, however, a re-evaluation of the preferred drilling direction should be undertaken prior to further testing this zone. Possibly the zone dips north-easterly and these holes cut under or over the zone.

DR07-01 and -02 encountered distinctly different lithologies even though they were collared only 60 m apart. Based on surface structural data, both holes were drilled in the same direction that local bedding is dipping. DR07-02 likely cored a sandstone-dominated part of the Fairchild Lake Group stratigraphic pile that lies below the siltstone exposed at the DR cliffs and encountered in DR07-01. The consistent west-striking, moderately north-dipping orientation of bedding in the DR Zone is consistent with a sandstone/siltstone contact trending obliquely to the drill traces of DR07-01 and -02. Alternatively, a fault structure could lie between holes DR07-01 and -02, but no evidence (e.g. surface lineament) exists to support this. Furthermore, the alteration and mineralization encountered in the two holes are quite similar suggesting that each area tested was influenced by the same hydrothermal system.

The geochemical results of the DR Zone are discouraging and it is easy to down-grade the entire target. Further, more detailed chip sampling and structural mapping could be useful to further define the mineralized zone and to confirm the 2.2% Cu over 9.0 m (this result is based on 2 samples only). More detailed structural mapping should focus on the controls of the mineralization. Complications, such as the

presence of two main sets of chalcopyrite-bearing fractures, suggest that the mineralization may not merely be controlled by an 070°-trending structure.

10.5 Fireweed Property (Fireweed Boulder Field)

Five holes totalling 1028 m of drilling was completed on the Fireweed property targeting the source of the Fireweed boulder field. It was postulated that the uraniferous float was sourced from a linear, approximately south-southwest trending fault or shear zone. Significant U mineralization was not intersected by this drilling. Pink plagioclase-hematite veining – similar to that which hosts uranium mineralization – was intersected in all drill holes.

10.5.1 FW07-01 (az. 100°,dip -45°, 163.68 m)

FW07-01 and FW07-02 were drilled from a single drill platform located 5 m south of trench 1 and 10 m SW of a small isolated magnetic high. This hole (Cross Section 13) intersected variably chlorite and sericite altered phyllite with minor shale intervals. Irregular quartz-plagioclase-hematite ± magnetite veins and breccias are common throughout the hole and generally comprise 10-35% of the rock. Scintillometer counts of the rock are consistently at background levels.

10.5.2 FW07-02 (az. 100°,dip -70°, 197.51 m)

This hole (Cross Section 13) is dominantly composed of thinly laminated siltstone with fine-grained magnetite layers and fine-grained disseminated magnetite/hematite over printing bedding and foliation. Alteration is predominantly weakly chloritic and sericitic. Minor pink quartz-hematite-plagioclase veins with granular to euhedral hematite magnetite comprise 1% of the unit. There is a slight increase in scintillometer counts above background at the bottom of the hole. Uranium enrichment is not visible, but increased counts up to 190 cps were recorded on the surfaces of faults and fractures.

10.5.3 FW07-03 (az. 100°,dip -45°, 155.45 m)

FW07-03 (Cross Section 13) and FW07-04 were both drilled from the same drill platform situated between trench 2 and 3 on the northern edge of a strong magnetic high. Veins of quartz-hematite-plagioclase with minor magnetite and minor Fe-carbonate are common in the lower portion of the drill hole. These veins are hosted in weakly to moderately chloritized siltstone (FLG). The siltstones are generally thinly laminated with moderately well-developed cleavage and fine-grained specular hematite and magnetite overprinting the foliation. Trace amounts of sphalerite and chalcopyrite are present in late stage quartz veinlets. Scintillometer counts are consistently at background. Minor faulting is noted at 134.54 m and may correlate with the inferred surface lineaments.

10.5.4 FW07-04 (az. 100°, dip -70°, 206.65 m)

This drill hole (Cross Section 13) intersected thinly laminated siltstone with layers of fine-grained magnetite and fine-grained disseminated magnetite/hematite overprinting bedding and foliation. The unit is weakly chloritised with minor sericite alteration. Quartz-hematite-dusted-plagioclase veins with granular to euhedral hematite and magnetite comprise about 15% of the interval and are found throughout. Consistent bedding is easily discernible throughout the unit, but has been disrupted by the veins which are sub-parallel to foliation. This drill hole returned no significant values in the geochemistry and scintillometer counts were not above background.

10.5.5 FW07-05 (az. 100°,dip -55°, 307.55 m)

This drill hole (Cross Section 13) is situated on the western margin of a strong magnetic high 40 m south of trench 3. This drill collar was moved slightly south and to the west of the original planned site in order to intersect where projected NE and SW trending lineaments intersect. The hole cored moderately chloritised phyllite throughout. Millimetre-scale lamina of hematite and magnetite are typical throughout the unit, with secondary re-crystallized magnetite overprinting foliation and bedding. Similar veins to those

encountered in previous holes are present, but are narrower and more evenly spaced throughout. The unit has slightly elevated scintillometer counts of 180 cps along fracture planes and in faulted sections. The elevated scintillometer readings are confined to the bottom of the hole, however, no visible uranium mineralization was identified.

10.5.6 Discussion

At this time no further work is warranted on the Fireweed boulder field and surrounds. Available data indicate that the area drilled was the most prospective for hosting a structurally controlled uranium-enriched vein system, yet no brannerite was observed in the five holes drilled.

FW07-05 was relocated to test the intersection of a NE and SW trending lineaments interpreted as faults on the property. This hole was positioned to test the possibility that the mineralization might have been focused at the intersection of these two structures. Based on the drill results, this model is invalid since the pink quartz-hematite-plagioclase veins were smaller and no assayed values retuned high uranium.

None of the five diamond drill holes returned anomalous values in any metals of interest. Given the course-grained nature of the brannerite in the Fireweed boulder field, and that similar alteration/veining were encountered in all five drill holes to some extent, perhaps no brannerite was intersected due to a nugget effect. Even if this is the case, it is unlikely that significant brannerite concentrations are present at Fireweed.

10.6 Slats Property (MDV Zone)

Fronteer / Rimfire drilled six holes for 1217 m at the MDV Zone testing scattered surface outcrops exhibiting elevated radioactivity. The drill holes intersected heterolithic Wernecke breccia and metasomatized sandstone, siltstone and minor pebble conglomerate beds with widespread hematite and localized potassic (K-feldspar) alteration (Mauler, 2007). Radioactivity was generally low but in one hole reached 735 cps from core. Minor chalcopyrite was intersected. The highest value returned was 0.40% Cu and 0.24 g/t Au over 0.7 m in STM07-04 while a shallow interval starting at 27.50 m in STM07-06 returned 0.18% Cu over 24.00 m (Table 37).

Table 37: MDV Drill Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (%)	U (ppm)	Ag (ppm)	Ce (ppm)	Co (popm)	La (ppm)
STM07-01	132.90	139.50	6.60	0.03	0.24	6	0.21	125	84	67
STM07-02	84.00	85.10	1.10	0.01	24 ppm	151	0.32	501	23	598
STM07-02	105.00	108.00	3.00	0.01	0.21	3	0.13	49	119	26
STM07-03	25.50	29.50	4.00	0.04	0.18	7	1.06	120	58	80
STM07-03	147.00	148.50	1.50	0.10	0.33	15	0.77	146	33	82
STM07-04	9.00	13.00	4.00	0.01	0.20	4	0.49	85	60	50
STM07-04	113.35	115.40	2.05	0.01	95 ppm	266	0.42	14	39	5
STM07-04	134.10	134.80	0.70	0.24	0.40	11	1.10	71	32	42
STM07-06	27.50	51.50	24.00	0.01	0.18	4	0.16	90	106	51
STM07-06	111.00	119.00	8.00	0.02	0.15	8	0.16	135	56	87

10.6.1 STM07-01 (az. 070°, dip -90°, 202.50 m)

This hole (Cross Section 14) was designed to test the down-dip continuity of the northern region of surface mineralization at the MDV Zone. The hole intersected siltstones from 3.0-36.1 m above a unit of mixed breccia and siltstones between 36.1-98.0 m. Another unit of siltstones was encountered from 98.0-143.6 m that is strongly chlorite altered and sheared between 121.5-143.6 m. A unit of metasomatized sedimentary rock – similar in appearance to mineralized outcrops on surface – was intersected between 143.6-151.8 m but did not have elevated scintillometer counts. A 6.60 m-wide interval from 132.9 m returned

0.24% Cu but low Au and U values. Mixed siltstones and breccias were encountered for the remainder of the hole. The hole ended in siltstones at 202.5 m

10.6.2 STM07-02 (az 070°, dip -70°, 147.00 m)

Drilled from the same set-up as STM07-01, this hole tested ~30-50 m down-dip of the main MDV surface mineralization (Cross Section 14). The hole cased into siltstones at 4.5 m that continued until 21.0 m. Mixed breccias and siltstones were encountered from 21.0-55.4 m with a semi-massive to massive hematite unit between 44.0-45.6 m. From 55.4-87.9 m, a section of metasomatized sedimentary rocks with elevated scintillometer counts up to 555 cps was intersected. A 1.10 m wide zone at 84.0 m returned 151 ppm U and strongly elevated REEs but low values for other metals. This unit looks very similar to mineralized outcrops seen at surface and is interpreted to be the down-dip extension of surface mineralization. Further interbedded siltstones and breccias occurred from 87.9 m to the end of the hole at 147 m. More semi-massive to massive hematite units were found at 90.2-91 m and 120.7-122.0 m.

10.6.3 STM07-03 (az. 070°, dip -70°, 176.00 m)

This hole (Cross Section 15) was drilled ~50 m south-southeast from holes STM07-01 and STM07-02 and was designed to test the down-dip continuity of the southern portion of surface mineralization. After casing through 4.5 m of overburden, a breccia unit with interbedded siltstones was intersected to 49.8 m followed by a siltstone unit to 106.6 m. A semi-massive to massive hematite unit was observed at 106.0-109.85 m. From 109.85-132 m, a section of metasomatized sedimentary rocks with elevated scintillometer counts up too 550 cps were intersected. This unit has a very similar alteration texture to mineralization found on surface and in hole STM07-02. A semi-massive to massive hematite section was found within the metasomatized sediments from 130.2-131.4 m. The remainder of the hole intersected mixed breccias and siltstones ending in breccia at 176 m.

10.6.4 STM07-04 (az. 070°, dip -50°, 165.00 m)

Drilled from the same set-up as STM07-03, this hole was planned to further test the down-dip continuity of surface mineralization seen at MDV (Cross Section 15). After casing to 4.5 m, mixed breccias and siltstones were encountered from 4.5-112.95 m. Between 79.5-81.85 m a semi-massive to massive hematite unit (bed?) was observed. From 112.95-120.5 m the target zone of metasomatized sediments with elevated scintillometer counts up to 1000 cps was intersected. Further mixed breccias and siltstones were seen in the remainder of the hole which ended within a breccia unit at 165 m.

Figure 10: Metasomatized sedimentary rock in drill core from STM07-04. Red crayon writing (113.8 and 114.4 respectively) shows the depth in meters while yellow (735) is scintillometer cps. Dark purple is fine-grained specular hematite.

10.6.5 STM07-05 (az. 250°, dip -45°, 241.50 m)

Drilled down slope from all other holes at MDV and into the hill (Az. 250°), this hole was planned to test the continuity of the mineralized zone at depth beneath the surface mineralization (Cross Section 15). After 2.13 m of casing, a unit of metasomatized sediments similar to the targeted zone was intersected but did not have elevated scintillometer counts. The remainder of the hole encountered interbedded siltstones and breccias to a depth of 241.5 m. A semi-massive to massive hematite unit was intersected between 60.7-65.7 m. The hole finished in a unit of sheared siltstones from 180.5-241.5 m with a strong foliation fabric seen throughout. This hole failed to intersect any significant mineralization.

Several way-up indicators (flame structures, graded beds) in this hole indicate younger up hole. Given that this hole is being drilled down-dip, and that bedding on surface is generally steeper than -45°, this indicates that this hole cored down an overturned fold limb at moderate angles to bedding. This is consistent with fold structures mapped on the surface.

10.6.6 STM07-06 (az. 070°, dip -70°, 284.70 m)

This hole was drilled to test the continuation of the zone ~50 m south along strike from holes STM07-04 and STM07-05 (Cross Section 16). After 5.1 m of casing a semi-massive to massive hematite unit was intersected to 6.5 m. The remainder of the hole encountered mixed siltstones and breccias to a depth of 284.7 m. A narrow section of sheared siltstones with a strong foliation was intersected from 56.5-59.6 m. Narrow regions (<30 cm) of siltstones with elevated scintillometer readings were encountered at depths of 237.4 m and 270.1 m with up to 300 cps and 235 cps, respectively.

11.0 GEOPHYSICS

11.1 Scintillometer Surveys

Scintillometer surveys were completed on grids established over the Fireweed, Rio, Hem and Gnuckle zones. Readings were taken with a handheld GR-110 Exploranium scintillometer at ground level along 20-50 m spaced lines at 10-15 m intervals. In areas of mixed talus and outcrop, such as Hem, a note was made at each station identifying the surface material as either talus or outcrop. This quick but semi-quantitative method aided in providing a non-biased radioactivity image for these boulder fields. Readings were plotted without taking into account the mass effect between soil and rock.

11.1.1 Fireweed

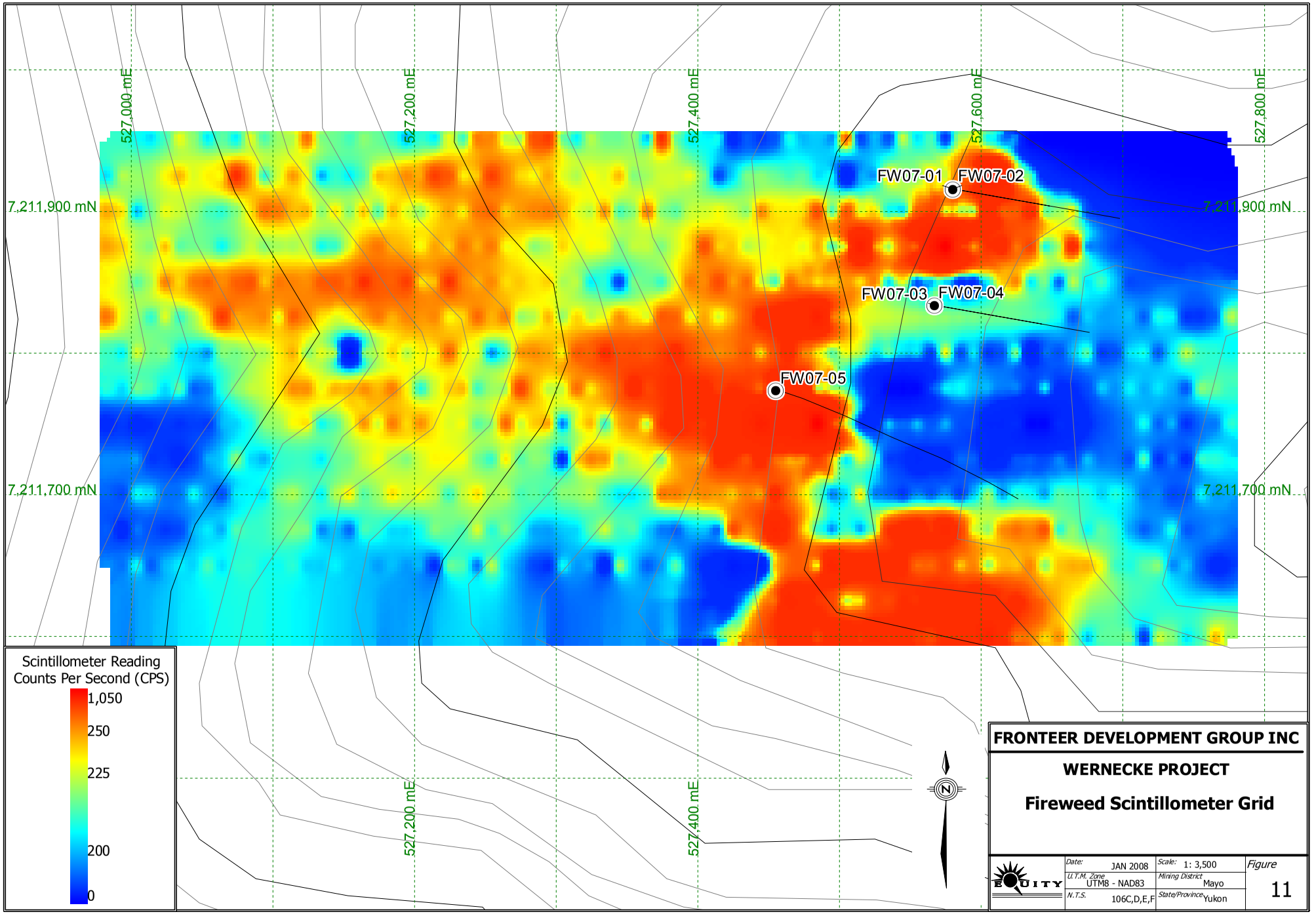
At Fireweed, the scintillometer data showed fairly good correlation with the distribution of uraniferous float boulders in and around the area of 2007 drilling (Figure 11). An arcuate area defined by readings greater than about 250 cps extends across the Fireweed plateau. Locally values as high as 1270 cps core the anomalous zones. The anomaly is open to the south but is underlain by a broad south facing talus slope with abundant phyllite and siltstone outcrop that only shows rare radioactive areas so this is likely a mass effect or a result of downhill dispersion of minor radioactive material. Scattered, elevated values persist downslope from the upper part of the boulder field for about 500 m.

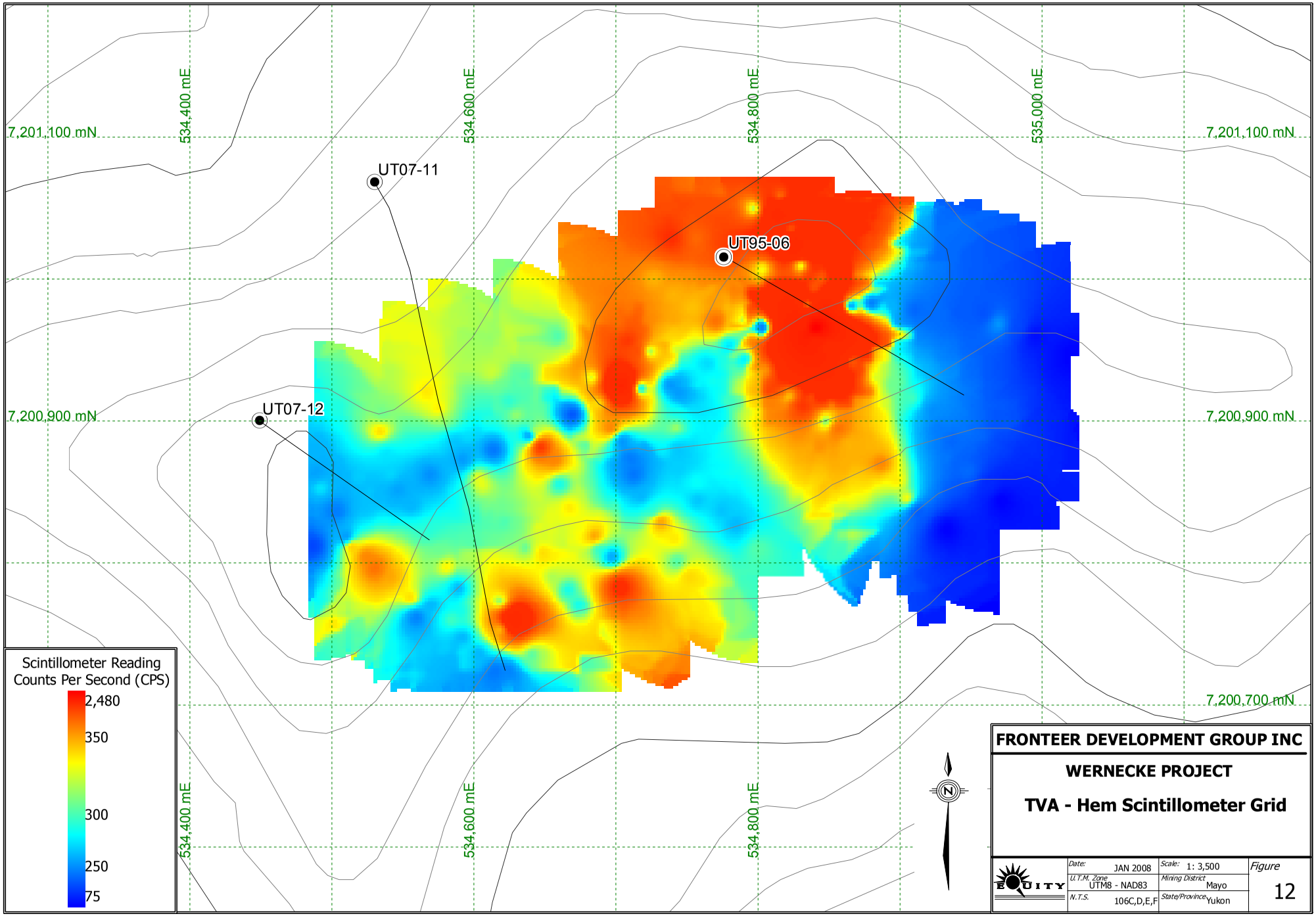
11.1.2 TVA / Ursus (Rio, Hem, Gnuckle grids)

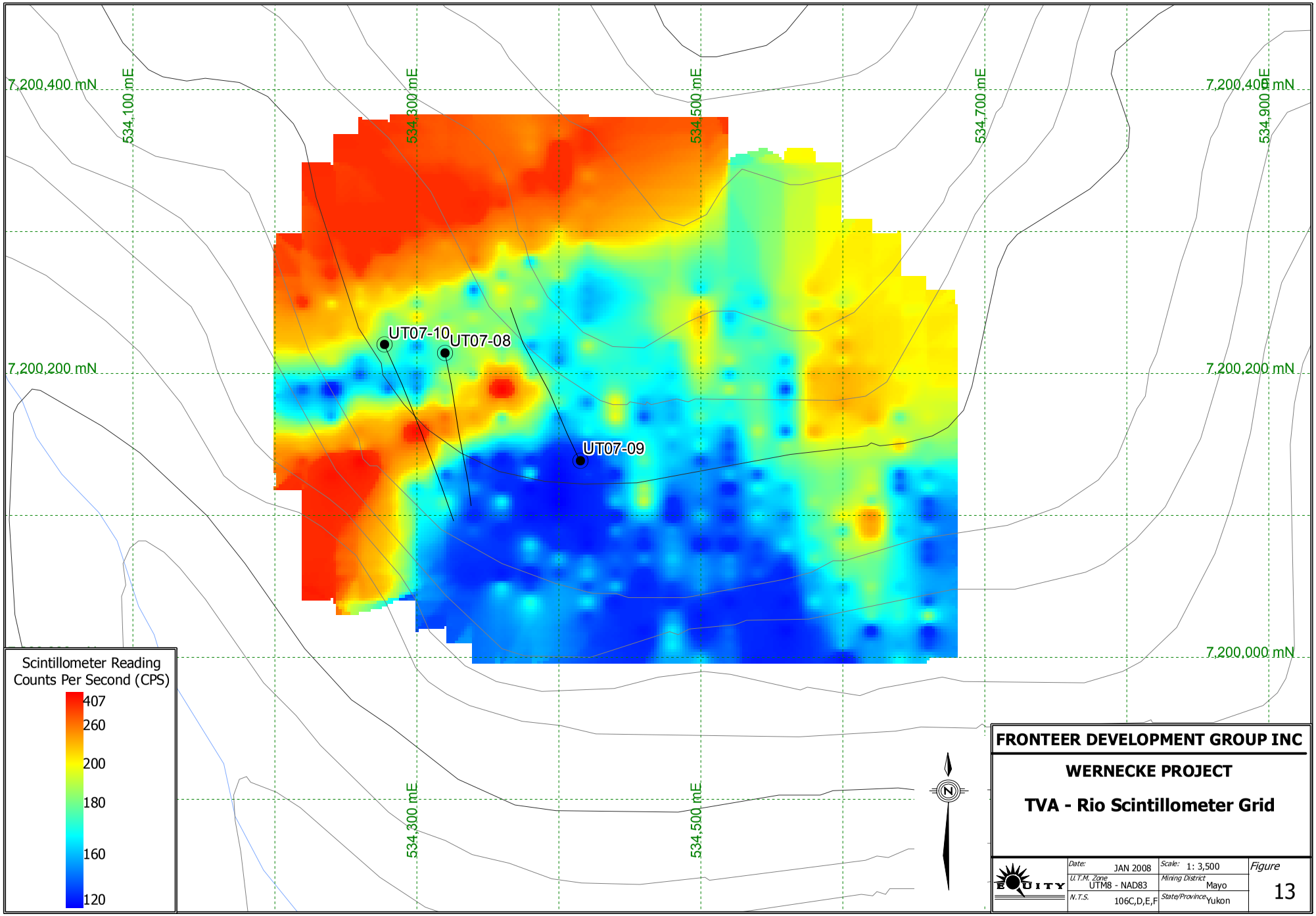
A scintillometer survey was conducted over the Hem zone at 50 m line-spacing and generally 15 m stations (Figure 12). Some station adjustments had to be made due to the steepness of the terrain. The Hem Zone proper trends intermittently to the northeast and the strongest readings occur in the northeast part of the grid. Lower Hem also returned a strong localized response in the southwest of the survey area.

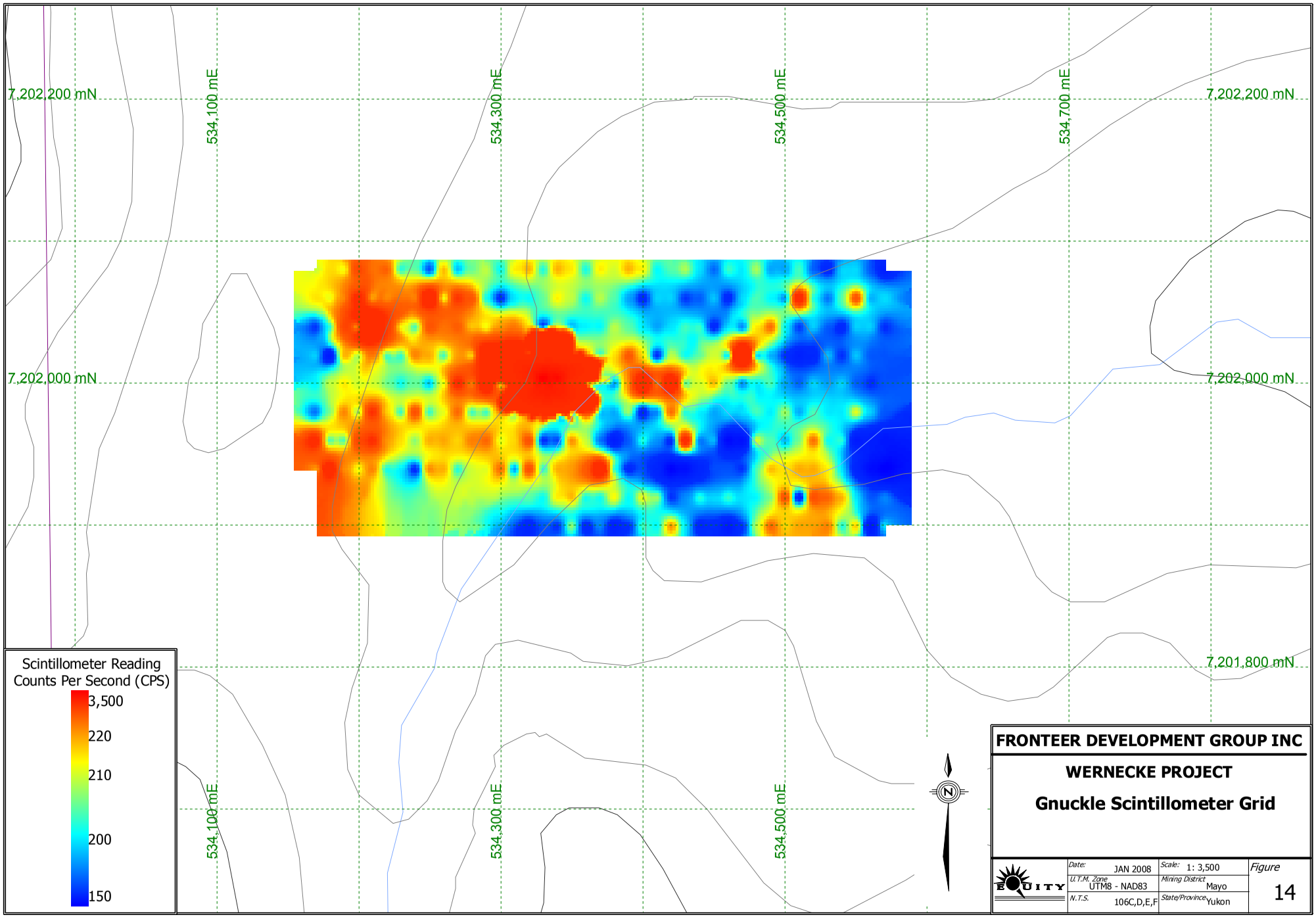
At the Rio zone, a scintillometer survey was conducted over the area of a radioactive boulder field covering an area roughly 450 by 300 m (Figure 13). Point readings were taken with the instrument every 10 m along lines 20 m apart. The survey was useful in confirming the anomaly expressed by the boulders and extending the uranium anomaly further uphill. In general the Rio zone scint grid returned lower values than the other grids. An elevated area to the north is truncated by a narrow drainage and probably is a result of elevated background talus material sourced from the north.

The Gnuckle scintillometer grid (Figure 14) outlined a 75 m wide, east-southeast trending zone of elevated readings up to 3,500 cps. Coarse-grained brannerite was discovered in the core of this area.


527,000 mE
527,200 mE
527,400 mE
527,600 mE
527,800 mE
7,211,900 mN
7,211,700 mN
FW07-01
FW07-02
FW07-03
FW07-04
FW07-05
Scintillometer Reading
Counts Per Second (CPS)
1,050
250
225
200
0
N
FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
Fireweed Scintillometer Grid
EQUITY
Date: JAN 2008
Scale: 1: 3,500
Figure
11
U.T.M. Zone UTM8 - NAD83
Mining District Mayo
N.T.S. 106C,D,E,F
State/Province Yukon


534,400 mE
534,600 mE
534,800 mE
535,000 mE
7,201,100 mN
7,200,900 mN
7,200,700 mN
UT07-11
UT95-06
UT07-12
Scintillometer Reading
Counts Per Second (CPS)
2,480
350
300
250
75
N
FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
TVA - Hem Scintillometer Grid
EQUITY
Date: JAN 2008
Scale: 1: 3,500
Figure
U.T.M. Zone UTM8 - NAD83
Mining District Mayo
N.T.S. 106C,D,E,F
State/Province Yukon
12


7,200,400 mN
534,100 mE
534,300 mE
534,500 mE
534,700 mE
534,900 mE
7,200,200 mN
7,200,000 mN
UT07-10
UT07-08
UT07-09
Scintillometer Reading
Counts Per Second (CPS)
407
260
200
180
160
120
FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
TVA - Rio Scintillometer Grid
EQUITY
Date: JAN 2008
Scale: 1: 3,500
Figure
13
U.T.M. Zone UTM8 - NAD83
Mining District Mayo
N.T.S. 106C,D,E,F
State/Province Yukon


7,202,200 mN
534,100 mE
534,300 mE
534,500 mE
534,700 mE
7,202,000 mN
7,201,800 mN
Scintillometer Reading
Counts Per Second (CPS)
3,500
220
210
200
150
FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
Gnuckle Scintillometer Grid
EQUITY
Date: JAN 2008
Scale: 1: 3,500
U.T.M. Zone UTM8 - NAD83
Mining District Mayo
N.T.S. 106C,D,E,F
State/Province Yukon
Figure
14

11.2 Magnetometer Surveys

The purpose of the surveys at both TVA and Fireweed was to detect magnetic highs and provide information that could be used to aid in locating mineralization. The information from both surveys was processed and contoured using minimum curvature.

Two GEM Systems GSM 19 Overhauser Magnetometers were used for the survey (Table 38). The instruments were rented from Terraplus Inc., Richmond Hill, Ontario. The base station was set up 100 m south of the Copper Point camp at a location away from electromagnetic interference generated by the camp. The time, date and readings were stored at 5 second intervals on both the base and field Magnetometer.

Survey data were downloaded each day and corrected for diurnal drift. Five to seven stations on the grid were re-read each day in order to level the data to readings taken on the first day of the survey.

Results of the survey were compiled in a Geosoft database, contoured and plotted. The contouring method was minimum curvature and the grid cell size was 25% of the sample spacing. Data was processed and plotted by Bob Stirling of Whitehorse, Yukon.

Table 38: Magnetometer Specifications

Model:	
	GSM-19 v6.0 Overhauser Magnetometer (GEM Systems)
Performance	
	Sensitivity: < 0.015 nT / √Hz
	Resolution: 0.01 nT
	Absolute Accuracy: +/- 0.1 nT
	Dynamic Range: 10,000 to 120,000 nT
	Gradient Tolerance: > 10,000 nT/m
	Sampling Rate: 60, 3, 2, 1, 0.5, 0.2 sec
	Operating Temperature: -40C to +55C
	Operating Ranges: Temperature: - 40oC to +60oC
	Power Source: Internal 12V, 2.6Ah sealed lead-acid battery standard
Operating Modes	
	Manual: Time, date and reading stored automatically at minimum 3 second interval.
	Base Station: Time, date and reading stored at 3 to 60 second intervals.
	Input /Output: RS-232 or analog (optional) output using 6-pin weatherproof connector
	Storage - 4Mbytes (# of Readings)
	Mobile: 209,715
	Base Station: 699,050
	Gradiometer: 174,762
	Walking Magnetometer: 299,593
Dimensions	
	Console: 223 x 69 x 240 mm
	Sensor: 175 x 75mm diameter cylinder
Weights	
	Console: 2.1 kg
	Sensor and Staff Assembly: 1.0 kg
Standard Components	
	GSM-19 console, GEMLinkW software, batteries, harness, charger, sensor with cable, RS-232
	cable, staff, instruction manual and shipping case.

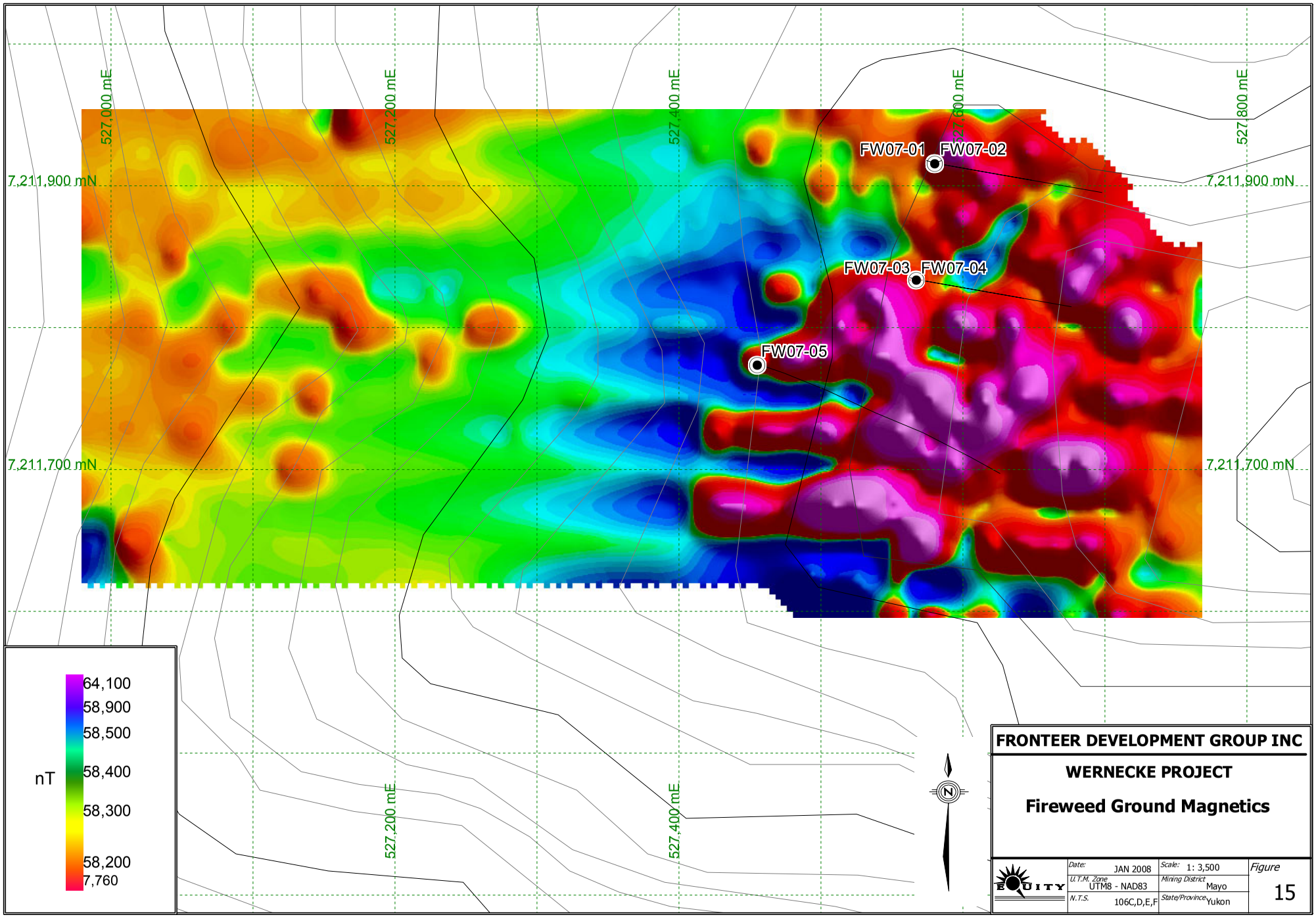
11.2.1 Fireweed

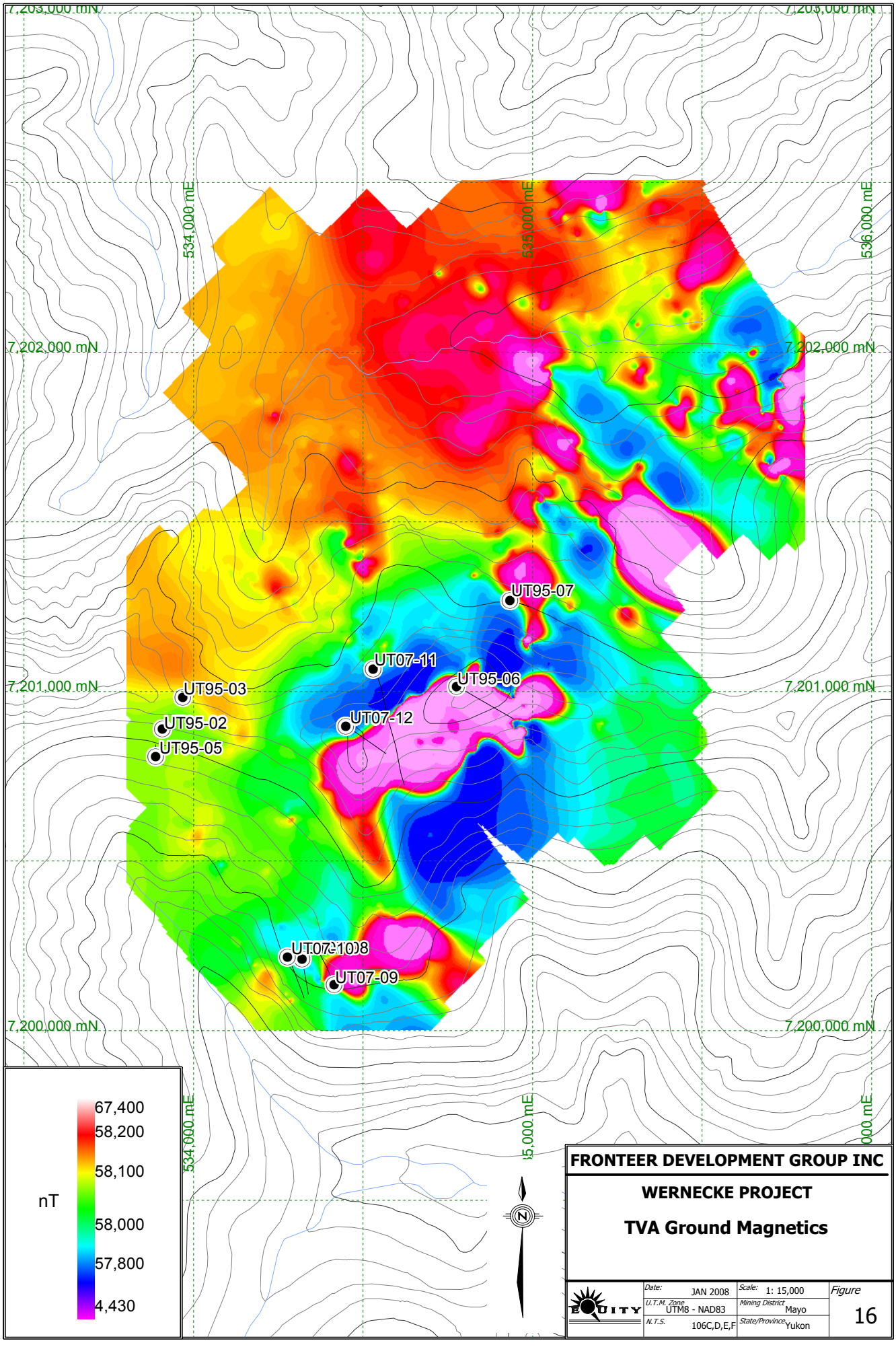
A magnetometer survey was completed over the Fireweed boulder field, at 20 m line spacing and 10 m stations. The survey showed a strong magnetic high centred up slope 100 m from the eastern limit of the boulder field (Figure 15) in an area underlain by phyllite (Map 8). Likely this elevated magnetism is caused by disseminated magnetite that forms common porphyroblasts in the phyllite units of the area. The boundaries of the grid encompass the magnetic high. There are several isolated spot highs and three 100 m linear highs in the SW part of the grid. The survey points were recorded with a hand-held GPS and coordinates recorded in NAD 83 UTM zone 8N. A total of 10.2 km of grid line were surveyed at the Fireweed.

11.2.2 TVA/Nuck

The grid at TVA was located by chain and compass and points marked on the ground with a metal tagged picket at 25 meter stations and with flagging and tyvek tags each 12.5 m. The line spacing was 100 m and the sample spacing was 12.5 m. The survey points were located with a hand-held GPS.

The TVA/Nuck contoured magnetometer survey results delineate the magnetite mineralization (locally semi-massive to massive) associated with the Hem zone (Figure 16). This mineralization generally has weak Cu-Au-U mineralization associated with it. The magnetometer survey also highlighted additional magnetic anomalies located northeast of the Hem zone that warrant further investigation.


527,000 mE
527,200 mE
527,400 mE
527,600 mE
527,800 mE
7,211,900 mN
7,211,700 mN
FW07-01
FW07-02
FW07-03
FW07-04
FW07-05
nT
64,100
58,900
58,500
58,400
58,300
58,200
7,760
N
FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
Fireweed Ground Magnetics
EQUITY
Date: JAN 2008
Scale: 1: 3,500
Figure 15
U.T.M. Zone UTM8 - NAD83
Mining District Mayo
N.T.S. 106C,D,E,F
State/Province Yukon


7,203,000 mN
534,000 mE
535,000 mE
536,000 mE
7,202,000 mN
7,201,000 mN
7,200,000 mN
UT95-07
UT07-11
UT95-06
UT95-03
UT07-12
UT95-02
UT95-05
UT07-10
UT07-08
UT07-09
67,400
58,200
58,100
58,000
57,800
4,430
nT
N
FRONTEER DEVELOPMENT GROUP INC
WERNECKE PROJECT
TVA Ground Magnetics
EQUITY
Date: JAN 2008
Scale: 1: 15,000
Figure
16
U.T.M. Zone UTM8 - NAD83
Mining District Mayo
N.T.S. 106C,D,E,F
State/Province Yukon

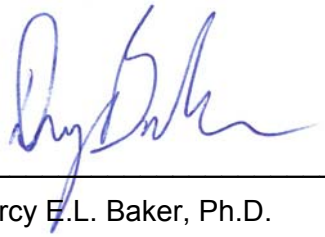
12.0 DISCUSSION AND CONCLUSIONS

The 2007 Werneckes project followed up on significant results from the 1990s FJV exploration and also on the 2006 exploration that assessed the uranium potential of the area. As such, numerous different properties were explored by soil, silt and rock geochemistry, mapping, prospecting, trenching and diamond drilling. Significant advances include:

- Hoover Zone: 40-90 m-wide drill intercepts of Cu and Au mineralization were returned from phase one drilling including 0.56% Cu and 0.11 g/t Au over 89 m in HV07-22 and 0.86% Cu and 0.22 g/t Au over 16 m in HV07-21. The final June drill hole (HV07-26) was lost in a 7.9 m-wide mineralized section grading 0.29 g/t Au and 1.20% Cu at the bottom of the hole. Hole HV07-27 was drilled in October to follow up this hole and intercepted 14.3 m of 0.62 g/t Au and 2.15% Cu from 204.7 m. The 1990s and 2007 drilling indicates that the Hoover zone is a steeply dipping zone at least 500 m long that is very generally planar, however, mineralized intervals vary from 25 to about 125 m thickness. Mineralization is outbound but proximal to a heterolithic breccia / sedimentary rock contact. Locally higher grade copper and gold mineralization was encountered, however, over narrow intervals. Future drilling at Hoover should track the zone to the south under the Bonnet Plume River valley which has proved difficult to drill.
- Slats Property: numerous zones of anomalous radioactivity with associated gold mineralization were discovered within a N-S corridor. The MDV Zone returned a 2.0 m-wide chip sample across one of many radioactive outcrops of 2.2 g/t Au. The highly radioactive Atomtan showing returned 18.2 g/t Au and 1.01% U from select samples and massive hematite-replaced sedimentary rocks in the area returned elevated gold. Significantly, the MDV to Atomtan area has had little work because it was found late in 2007 so no geochemical results were followed up. This area should be systematically mapped and sampled.
- Thunder Mountain: following on the 2006 discovery of bonanza-grade gold samples at the Ewe-2 showing, mapping and prospecting further delineated the mineralization to be associated with breccia-sedimentary rock contacts. Other showings in the area (e.g. Equalizer) show elevated Co-Mo-Au-U but low potential for large tonnage deposits. The Ewe-1 showing, however, returned of 0.23 g/t Au, 481 ppm Co and 0.55% Cu over 11.75 m (essentially true width) of continuous chip sampling. The poorly-exposed areas of the Thunder Mountain property could be economically surveyed for larger concentrations of sulphide phases by induced polarization geophysics since the topography is subtle.
- Pagisteel Fault Corridor: a single drill hole tested the poorly exposed Pagisteel Fault and intersected 10% combined pyrite-chalcopyrite over 6.1 m (likely near true width) that returned 2.57% Cu, 0.97 g/t Au and 980 ppm Co and elevated REEs. Little is known of the corridor owing to nil exposure. Strong soil geochemical anomalies occur over 2.5 km along the structure but these could be caused by talus dispersion from narrow mineralized zones in the cliffs above. Nonetheless, the significant drill result on the first subsurface test of this regional fault structure warrants
- TVA Property: narrow zones of Cu±Au mineralization were intersected when drilling on the Hem Zone. The drill program was not fully completed. A large outcrop at the NE end of the Hem Zone characterized by extremely high scintillometer counts returned disappointing U assay values, suggesting strong mass effect.
- Radioactive boulder fields: similar to the Fireweed boulder field discovered in 2006, follow-up prospecting of radiometric highs and U-in soils resulted in discovery of the Rio (TVA Property) and the Dodge (Ursus Property) boulder fields in 2007. At the Rio, 28 boulders averaged 0.28% U. At the Dodge, 18 float and outcrop samples recording 1000 cps or greater averaged 0.11% U. Intercepting material of similar grade in drill holes, however, has been shown to be difficult. Drilling at the Fireweed Boulder Train and at the Rio Boulder train failed to intercept significant radioactive material (one of three holes finalized at Rio; all Fireweed results finalized). Radioactive boulder fields, as such, are not prospective targets.

- Hole UT07-08 (drilled under the Rio Zone) returned 0.16 g/t Au over 5.72 m including 0.47 g/t Au over 1.22 m in an area of metasomatized sedimentary rocks with albite-sericite-carbonate-silica alteration and 2% pyrite
- Reid Property (DR Zone): two holes were drilled under the outcrops that returned a 2.2% Cu over 9.0 m in chip samples. Minor chalcopyrite was intersected in the drill holes but no drill results have been returned.

Respectfully submitted,



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January 31, 2008

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Appendix B: Claim Data

Grant No	Claim Name	Expiry	Registered	NTS
YB28528	URSUS 1	31/12/2015	06/07/1992	106D16
YB28529	URSUS 2	31/12/2015	06/07/1992	106D16
YB28530	URSUS 3	31/12/2015	06/07/1992	106D16
YB28531	URSUS 4	31/12/2015	06/07/1992	106D16
YB28532	URSUS 5	31/12/2015	06/07/1992	106D16
YB28533	URSUS 6	31/12/2015	06/07/1992	106D16
YB28534	URSUS 7	31/12/2015	06/07/1992	106D16
YB28535	URSUS 8	31/12/2014	06/07/1992	106D16
YB28536	URSUS 9	31/12/2014	06/07/1992	106D16
YB28537	URSUS 10	31/12/2014	06/07/1992	106D16
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YB28539	URSUS 12	31/12/2014	06/07/1992	106D16
YB28566	HAIL3	31/12/2016	06/07/1992	106D16
YB28567	HAIL 4	31/12/2016	06/07/1992	106D16
YB28568	HAIL 5	31/12/2016	06/07/1992	106D16
YB28570	HAIL 7	31/12/2016	06/07/1992	106D16
YB28572	HAIL 9	31/12/2015	06/07/1992	106D16
YB28586	JAZZ 1	31/12/2014	06/07/1992	106D09
YB28587	JAZZ 2	31/12/2014	06/07/1992	106D09
YB28588	JAZZ 3	31/12/2014	06/07/1992	106D09
YB28589	JAZZ 4	31/12/2014	06/07/1992	106D09
YB28590	JAZZ 5	31/12/2013	06/07/1992	106D09
YB28591	JAZZ 6	31/12/2014	06/07/1992	106D09
YB28592	JAZZ 7	31/12/2014	06/07/1992	106D09
YB28593	JAZZ 8	31/12/2014	06/07/1992	106D09
YB28594	JAZZ 9	31/12/2014	06/07/1992	106D09
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YB28599	JAZZ 14	31/12/2014	06/07/1992	106D09
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YB28623	SLAB 24	31/12/2014	06/07/1992	106D16

Grant No	Claim Name	Expiry	Registered	NTS
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YB28625	SLAB 26	31/12/2013	06/07/1992	106C13
YB28626	SLAB 27	31/12/2013	06/07/1992	106D16
YB28627	SLAB 28	31/12/2013	06/07/1992	106C13
YB28628	SLAB 29	31/12/2013	06/07/1992	106C13
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YB28630	SLAB 31	31/12/2013	06/07/1992	106C13
YB28631	SLAB 32	31/12/2013	06/07/1992	106C13
YB28632	SLAB 33	31/12/2013	06/07/1992	106C13
YB28633	SLAB 34	31/12/2013	06/07/1992	106C13
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YB28693	HOOVER 2	31/12/2014	06/07/1992	106E01
YB28694	HOOVER 3	31/12/2014	06/07/1992	106E01
YB28695	HOOVER 4	31/12/2014	06/07/1992	106E01
YB28696	HOOVER 5	31/12/2014	06/07/1992	106E01
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YB28765	SLAB 71	31/12/2013	24/08/1992	106F04

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YB28771	SLAB 77	31/12/2013	24/08/1992	106F04
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YB28849	JAZZ 37	31/12/2014	24/08/1992	106D09
YB28850	JAZZ 38	31/12/2014	24/08/1992	106D09
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Grant No	Claim Name	Expiry	Registered	NTS
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YB29010	SLAB 89	31/12/2011	19/10/1992	106C13
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YB29013	SLAB 92	31/12/2011	19/10/1992	106C13
YB29014	SLAB 93	31/12/2011	19/10/1992	106C13
YB29015	SLAB 94	31/12/2011	19/10/1992	106C13
YB29016	SLAB 95	31/12/2011	19/10/1992	106C13
YB29017	SLAB 96	31/12/2011	19/10/1992	106C13
YB29018	SLAB 97	31/12/2011	19/10/1992	106C13
YB29019	SLAB 98	31/12/2011	19/10/1992	106C13
YB29020	SLAB 99	31/12/2011	19/10/1992	106C13
YB29021	SLAB 100	31/12/2011	19/10/1992	106C13
YB29028	SLAB 107	31/12/2011	19/10/1992	106C13
YB29050	SLAB 129	31/12/2011	19/10/1992	106C13
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YB29087	SLAB 166	31/12/2011	19/10/1992	106E01
YB29088	SLAB 167	31/12/2011	19/10/1992	106E01
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YB29098	SLAB 177	31/12/2011	19/10/1992	106E01
YB29099	SLAB 178	31/12/2011	19/10/1992	106E01

Grant No	Claim Name	Expiry	Registered	NTS
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YB29102	SLAB 181	31/12/2011	19/10/1992	106E01
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YB29105	SLAB 184	31/12/2011	19/10/1992	106E01
YB29106	SLAB 185	31/12/2011	19/10/1992	106E01
YB29107	SLAB 186	31/12/2011	19/10/1992	106E01
YB29108	SLAB 187	31/12/2011	19/10/1992	106E01
YB29109	SLAB 188	31/12/2011	19/10/1992	106E01
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YB29111	SLAB 190	31/12/2011	19/10/1992	106E01
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YB29131	TVA 2	31/12/2011	19/10/1992	106D16
YB29132	TVA 3	31/12/2011	19/10/1992	106D16
YB29133	TVA 4	31/12/2011	19/10/1992	106D16
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YB29308	HOOVER 57	31/12/2011	19/10/1992	106E01
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YB29310	HOOVER 59	31/12/2011	19/10/1992	106E01

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YB29314	HOOVER 63	31/12/2011	19/10/1992	106E01
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YB42738	ANTHEA 1	31/12/2011	28/03/1994	106E02
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YB43108	JAZZ 41	31/12/2012	20/07/1994	106D09
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YB43113	JAZZ 46	31/12/2012	20/07/1994	106D09
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YC42472	FACE 20	31/12/2007	23/11/2005	106D16
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YC42516	BLEND 10	31/12/2010	23/11/2005	106D16

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YC42548	BLEND 42	31/12/2010	23/11/2005	106D16
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YC43193	SD 4	31/12/2011	18/04/2006	106E01
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YC43207	SD 18	31/12/2011	18/04/2006	106E01
YC43208	SD 19	31/12/2011	18/04/2006	106E01
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YC43211	SD 22	31/12/2011	18/04/2006	106E01
YC43212	SD 23	31/12/2011	18/04/2006	106E01
YC43213	SD 24	31/12/2011	18/04/2006	106E01
YC43214	BL 1	31/12/2011	18/04/2006	106D16

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YC43275	PL 2	31/12/2011	18/04/2006	106C14
YC43276	PL 3	31/12/2011	18/04/2006	106C14
YC43277	PL 4	31/12/2011	18/04/2006	106C14

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YC43280	PL 7	31/12/2011	18/04/2006	106C14
YC43281	PL 8	31/12/2011	18/04/2006	106C14
YC43282	PL 9	31/12/2011	18/04/2006	106C14
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YC43318	SL 21	31/12/2011	18/04/2006	106D16
YC43319	SL 22	31/12/2011	18/04/2006	106D16
YC43320	SL 23	31/12/2011	18/04/2006	106E01
YC43321	SL 24	31/12/2011	18/04/2006	106E01
YC43322	SL 25	31/12/2011	18/04/2006	106E01
YC43323	SL 26	31/12/2011	18/04/2006	106E01
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YC43325	SM 2	31/12/2010	18/04/2006	106F03
YC43326	SM 3	31/12/2010	18/04/2006	106F03
YC43327	SM 4	31/12/2010	18/04/2006	106F03
YC43328	SM 5	31/12/2010	18/04/2006	106F03
YC43329	SM 6	31/12/2010	18/04/2006	106F03
YC43330	SM 7	31/12/2010	18/04/2006	106F03
YC43331	SM 8	31/12/2010	18/04/2006	106F03
YC43332	SM 9	31/12/2010	18/04/2006	106F03
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YC43338	SM 15	31/12/2010	18/04/2006	106F03

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YC43340	SM 17	31/12/2010	18/04/2006	106F03
YC43341	SM 18	31/12/2010	18/04/2006	106F03
YC43342	SM 19	31/12/2010	18/04/2006	106F03
YC43343	SM 20	31/12/2010	18/04/2006	106F03
YC43344	SM 21	31/12/2010	18/04/2006	106F03
YC43345	SM 22	31/12/2010	18/04/2006	106F03
YC43346	SM 23	31/12/2010	18/04/2006	106F03
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YC43348	SM 25	31/12/2010	18/04/2006	106F03
YC43349	SM 26	31/12/2010	18/04/2006	106F03
YC43350	SM 27	31/12/2010	18/04/2006	106F03
YC43351	SM 28	31/12/2010	18/04/2006	106F03
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YC43354	SM 31	31/12/2010	18/04/2006	106F03
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YC43359	SM 36	31/12/2010	18/04/2006	106F03
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YC43361	SM 38	31/12/2010	18/04/2006	106F03
YC43362	SM 39	31/12/2010	18/04/2006	106F03
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YC43426	EM 3	31/12/2009	18/04/2006	106F04
YC43427	EM 4	31/12/2009	18/04/2006	106F04
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YC43455	EM 32	31/12/2010	18/04/2006	106F04

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YC43465	EM 42	31/12/2009	18/04/2006	106F04
YC43466	EM 43	31/12/2010	18/04/2006	106F04
YC43467	EM 44	31/12/2010	18/04/2006	106F04
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YC43469	EM 46	31/12/2010	18/04/2006	106F04
YC43470	EM 47	31/12/2009	18/04/2006	106F04
YC43471	EM 48	31/12/2009	18/04/2006	106F04
YC43472	EM 49	31/12/2008	18/04/2006	106F04
YC43473	EM 50	31/12/2009	18/04/2006	106F04
YC43474	EM 51	31/12/2008	18/04/2006	106F04
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YC43478	EM 55	31/12/2009	18/04/2006	106F04
YC43479	EM 56	31/12/2009	18/04/2006	106F04
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YC43484	EM 61	31/12/2009	18/04/2006	106F04
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YC48980	VB 169	31/12/2011	18/07/2006	106F04
YC48981	VB 170	31/12/2011	18/07/2006	106F04
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YC54727	ME 18	03/11/2012	03/11/2006	106E01
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YC56032	PIKA 43	04/06/2011	04/06/2007	106C13
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YC56034	PIKA 45	04/06/2011	04/06/2007	106C13
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Grant No	Claim Name	Expiry	Registered	NTS
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YC56101	TVA 30	04/06/2008	04/06/2007	106D16
YC56102	TVA 31	04/06/2008	04/06/2007	106D16
YC56103	TVA 32	04/06/2008	04/06/2007	106D16
YC56104	TVA 33	04/06/2008	04/06/2007	106D16
YC56105	TVA 34	04/06/2008	04/06/2007	106D16
YC56106	TVA 35	04/06/2008	04/06/2007	106D16
YC56107	TVA 36	04/06/2008	04/06/2007	106D16
YC56108	TVA 37	04/06/2008	04/06/2007	106D16
YC56109	TVA 38	04/06/2008	04/06/2007	106D16
YC56130	R 49	18/06/2012	18/06/2007	106E01
YC56131	R 50	18/06/2012	18/06/2007	106E01
YC56132	R 51	18/06/2012	18/06/2007	106E01
YC56133	R 52	18/06/2012	18/06/2007	106E01
YC56134	R 53	18/06/2012	18/06/2007	106E01
YC56135	R 54	18/06/2012	18/06/2007	106E01
YC56136	R 55	18/06/2012	18/06/2007	106E01
YC56137	R 56	18/06/2012	18/06/2007	106E01
YC56138	R 57	18/06/2012	18/06/2007	106E01
YC56139	R 58	18/06/2012	18/06/2007	106E01
YC56140	R 59	18/06/2012	18/06/2007	106E01
YC56141	R 60	18/06/2012	18/06/2007	106E01
YC56142	R 61	18/06/2012	18/06/2007	106E01
YC56143	R 62	18/06/2012	18/06/2007	106E01
YC56144	R 63	18/06/2012	18/06/2007	106E01
YC56145	R 64	18/06/2012	18/06/2007	106E01
YC56146	R 65	18/06/2012	18/06/2007	106E01
YC56147	R 66	18/06/2012	18/06/2007	106E01
YC56148	R 67	18/06/2012	18/06/2007	106E01
YC56149	R 68	18/06/2012	18/06/2007	106E01
YC56150	R 69	18/06/2012	18/06/2007	106E01
YC56151	R 70	18/06/2012	18/06/2007	106E01
YC56152	R 71	18/06/2012	18/06/2007	106E01
YC56153	R 72	18/06/2012	18/06/2007	106E01

Appendix C: Statement of Expenditures

STATEMENT OF EXPENDITURES
WERNECKE PROJECT
April 24 - October 18, 2007

PROFESSIONAL FEES AND WAGES:

Henry Awmack, P.Eng.		
4.38 days @ $650/day	$	2,847.00
Darcy Baker, Project Geologist		
162.38 days @ $650/day		105,547.00
Sandra Bayliss, Senior Sampler		
62.50 days @ $325/day		20,312.50
Tom Bell, Prospector		
44.00 days @ $475/day		20,900.00
Robin Black, Geologist		
7.00 days @ $525/day		3,675.00
Alice Bolton, Bullcook		
28.00 days @ $275/day		7,700.00
Thomas Branson, Geologist		
133.50 days @ $525/day		70,087.50
Gary Brown, Sampler		
32.00 days @ $275/day		8,800.00
Sharon Brown, Cook/First Aid		
90.50 days @ $500/day		45,250.00
Roy Buyck, Sampler		
98.50 days @ $275/day		27,087.50
Roy Buyck, Senior Sampler		
41.00 days @ $325/day		13,325.00
Kelly Anne Caulfield, Sampler		
33.00 days @ $275/day		9,075.00
Johnny Clayton, Sampler		
13.00 days @ $275/day		3,575.00
Andrea Clement, Cook		
12.50 days @ $450/day		5,625.00
Hedy Conwright, Bullcook		
108.50 days @ $275/day		29,837.50
Kevin Daffe, Sampler		
18.00 days @ $275/day		4,950.00
Jen de Medeiros, Sampler		
26.00 days @ $275/day		7,150.00
Kelsey Dodge, Assistant Geologist		
90.00 days @ $400/day		36,000.00
William Germaine, Sampler		
2.50 days @ $275/day		687.50
Robyn Henderson, Cook		
54.00 days @ $450/day		24,300.00
Heather Jaggard, Sampler		
153.36 days @ $275/day		42,175.00

STATEMENT OF EXPENDITURES
WERNECKE PROJECT
April 24 - October 18, 2007

Murray Jones, P.Geo.		
	0.63 days @ $650/day	409.50
Veronique Jones, Sampler		
	89.75 days @ $275/day	24,681.25
Anni Lawrence, Cook		
	20.00 days @ $450/day	9,000.00
Jim Lehtinen, P.Geo.		
	54.50 days @ $650/day	35,425.00
Jeremy Major, Geologist		
	37.00 days @ $525/day	19,425.00
Joe McCreery, Prospector		
	64.00 days @ $475/day	30,400.00
Greg McKenzie, Senior Sampler		
	70.25 days @ $325/day	22,831.25
Eva McLean, Senior Sampler		
	33.00 days @ $325/day	10,725.00
Nick Mitchell, Geologist		
	160.50 days @ $525/day	84,262.50
Nadine Palliser, Bullcook		
	9.00 days @ $275/day	2,475.00
Sam Penner, Senior Sampler		
	36.00 days @ $325/day	11,500.00
Neil Perk, Geologist		
	164.26 days @ $525/day	86,236.50
Edward Patterson, Sampler		
	17.00 days @ $275/day	4,675.00
Blaine Peter, Sampler		
	32.00 days @ $275/day	8,800.00
Morgan Quinn, Sampler		
	82.50 days @ $275/day	22,687.50
Neil Rushton, First Aid		
	121.00 days @ $400/day	48,400.00
Phil Seccombe, Ph.D. Geologist		
	61.00 days @ $650/day	39,650.00
Ed Sinnott, Camp Manager		
	115.50 days @ $400/day	46,200.00
Tim Sullivan, Prospector		
	21.00 days @ $475/day	9,975.00
Jan Tindle, Senior Sampler		
	83.00 days @ $325/day	26,975.00
Bill van Zanten, Sampler		
	18.00 days @ $275/day	4,950.00
Kristy Emery, CSR		
	5.00 hours @ $115/hour	575.00

STATEMENT OF EXPENDITURES
WERNECKE PROJECT
April 24 - October 18, 2007

Scott Parker, GIS/Logistics			
217.50 hours @ $75/hour	16,312.50		
Julie Robinson, GIS			
1394.00 hours @ $75/hour	104,550.00		
Neil Visser, Logistics			
213.00 hours @ $75/hour	15,975.00		
Clerical			
117.75 hours @ $35/hour	4,121.25	$ 1,180,123.75	
EQUIPMENT RENTALS			
Generator (12kVA)			
305 days @ $80/day	$ 24,400.00		
Generator (5kVA)			
36 days @ $30/day	1,080.00		
Generator (1kVA)			
61 days @ $20/day	1,220.00		
Rental Truck Insurance			
348 days @ $10/day	3,480.00		
ATV + Trailer			
168.00 days @ $100/day	16,800.00		
Field Camp			
3801 mandays @ $35/manday	133,035.00		
Chainsaw			
85 days @ $30/day	2,550.00		
Satellite Phone (NorthwestTel)			
150 days @ $90/day	13,500.00		
Satellite Phones (Iridium)			
29 weeks @ $62.50/week	1,812.50		
1328 minutes @ $1.69/min	2,244.32		
Field Computers			
730 days @ $40/day	29,200.00		
First Aid Equipment (Level III)			
168 days @ $30/day	5,040.00		
PDAs			
336.00 days @ $20/day	6,720.00		
Palms			
169 days @ $10/day	1,690.00		
Personal Locator Beacon (PLB)			
1063 days @ $5/day	5,315.00	248,086.82	
EXPENSES:			
Chemical Analyses	$ 173,322.25		
Field Equipment Repairs	2,349.06		

STATEMENT OF EXPENDITURES
WERNECKE PROJECT
April 24 - October 18, 2007

Field Consumables	5,730.38	
Materials and Supplies	75,531.55	
Explosives	5,041.46	
Maps and Publications	190.66	
Printing and Reproductions	1,216.81	
Camp Food	88,126.99	
Meals	10,431.08	
Accommodation	21,437.94	
Taxis and Airporters	1,457.60	
Parking	2.59	
Truck Rental (non-Equity)	4,718.63	
Automotive Fuel	2,635.15	
Aircraft Charters	786,046.17	
Helicopter Charters	1,018,171.88	
Ferries	84.90	
Airfare	87,073.74	
Telephone Distance Charges	17,482.25	
Courier	1,246.59	
Freight	48,521.61	
Bulk Fuel	139,033.67	
Geophysical Equipment Rental	14,186.57	
Blasting, Padbuilding	5,789.00	
Contract Construction	49,266.00	
Radio Rental (non-Equity)	8,913.81	
Downhole Survey Tool Rental	10,225.00	
Other Equipment Rental	3,400.00	
Excavator	30,541.18	
Forklift	8,775.00	
Drilling: Mob/Demob	100,581.34	
Drilling: Footage	904,993.65	
Drilling: Materials	51,385.18	
Drilling: Standby/Moves/Travel	110,344.30	
Expediting	24,482.72	
Postage	257.68	
Plotter Supplies	561.54	
Report (estimated)	20,000.00	3,833,555.93
SUB-TOTAL:		$ 5,261,766.50
PROJECT SUPERVISION CHARGES:		
12% on portion <$200,000: ($200,000.00)	$ 24,000.00	
10% on portion <$1,000,000: ($800,000.00)	80,000.00	
8% on portion <$5,000,000: ($4,000,000.00)	320,000.00	
6% on balance: ($261,766.50)	20,941.32	444,941.32

STATEMENT OF EXPENDITURES
WERNECKE PROJECT
April 24 - October 18, 2007

SUB-TOTAL:	$ 5,706,707.82
GST: 6% on sub-total	342,402.47
TOTAL:	**$ 6,049,110.29**

Appendix D: Rock Sample Descriptions

MINERALS AND ALTERATION TYPES

AC	Actinolite	FP	feldspar	PF	plagioclase
AL	alunite	GA	garnet	PH	phlogopite
AM	amphibole	GE	goethite	PL	pyrolusite
AS	arsenopyrite	GL	galena	PO	pyrrhotite
AU	augite	GR	graphite	PY	pyrite
AZ	azurite	HB	hornblende	QZ	quartz veining
BA	barite	HE	haematite	RE	realgar
BI	biotite	HS	specularite	RN	rhodonite
BO	bornite	HZ	hydrozincite	SB	stibnite
BT	pyrobitumen	IL	illite	SD	siderite
CA	calcite	JA	jarosite	SI	silicification
CB	Fe-carbonate	KF	potassium feldspar	SK	skarn
CC	chalcocite	MC	malachite	SM	smithsonite
CD	chalcedony	MG	magnetite	SP	sphalerite
CL	chlorite	MI	mica	SR	scorodite
CP	chalcopyrite	MN	Mn-oxides	SS	sulphosalts
CU	native copper	MO	molybdenite	ST	smectite
CV	covellite	MR	mariposite/fuchsite	TP	topaz
CY	clay	MS	sericite	TT	tetrahedrite
DC	dickite	MT	marcasite	VG	gold
DS	diaspore	MU	muscovite	ZE	Zeolite
DU	dumortierite	NA	natroalunite	ZN	zunyite
EN	enargite	NE	neotocite		
EP	epidote	PA	pyrargyrite		

ALTERATION INTENSITY

w	weak	s	strong
m	moderate	i	intense

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839501 Wernecke

Grid North: UTM 7211666 N | Grid East: UTM 527575 E | Elevation | Sample Width: 2 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : phyllite | Alteration: msCL, mMS | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.09	33.3	1.01
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.4	3.3	0.02	0.7

Sampled By: NM 16-Jul-07

Plagioclase with disseminated specular hematite, secondary quartz host.

839502 Wernecke

Grid North: UTM 7211666 N | Grid East: UTM 527575 E | Elevation | Sample Width: 2 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : phyllite | Alteration: msCL, mMS | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	10.3	0.43
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.9	9.5	0.02	2.3

Sampled By: NM 16-Jul-07

Same as 839501.

839503 Wernecke

Grid North: UTM 7211595 N | Grid East: UTM 527730 E | Elevation | Sample Width: 0.3 m | Type: Select | Strike Length Exp: 1 m | True Width: 0.3 m | Host : phyllite | Alteration: sSI | Metallics: 2%HE, 5%MG | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	12.1	1.21
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.3	7	0.01	3.3

Sampled By: NM 18-Jul-07

Schist sericite on vein margins. Vein is composed of plagioclase and quartz (40-60%) with disseminated hematite and semi-massive magnetite.

839504 Wernecke

Grid North: UTM 7211897.26 N | Grid East: UTM 528429.79 E | Elevation | Sample Width: 20 m | 300°/64° | Type: Select | Strike Length Exp: 1 m | True Width: 0.5 m | Host : homolithic breccia | Alteration: mCB, wCL | Metallics: 2%HS, 0.1%MC | Secondaries: MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	5.88	5690	15.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
39.2	12	20.7	8.4

Sampled By: NM 19-May-07

839505 Wernecke

Grid North: UTM 7212937 N | Grid East: UTM 529530 E | Elevation | Sample Width: 0.2 m | 090°/48° | Type: Grab | Strike Length Exp: 2 m | True Width: 0 m | Host : argillite | Alteration: | Metallics: 1%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	0.11	43.5	4.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.4	8.6	0.27	5.7

Sampled By: NM 06-Jan-07

cps - 350. Mass of thin veinlets, 2-4 mm wide following a shear/fault zone. E/W zone is approximately 10 ft wide. Only small knob exposed.

839506 Wernecke

Grid North: UTM 7213378 N | Grid East: UTM 528978 E | Elevation | Sample Width: 0.3 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : dolomite thinly bedded | Alteration: wCA | Metallics: <1%CP, <1%CC | Secondaries: MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
50	1.09	5390	5.17
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.5	21.2	24	7.3

Sampled By: NM 06-Mar-07

Remobilized chalcopyrite with secondary sericite along fracture planes and bedding planes. Thinly bedded monzonite, 1 mm blobs of chalcopyrite.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839507 Wernecke

Grid North: UTM 7213428 N | Grid East: UTM 528924 E | Elevation | Sample Width: 1.5 m | Type: Select/Grab | Strike Length Exp: 3 m | True Width: 0.5 m | Host : dolomite with moderate chlorite | Alteration: wmCL | Metallics: 1%CP | Secondaries: mCC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
563	0.44	136500	0.69
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9	5	2.35	1.4

Sampled By: NM 06-Mar-07

This site seems to be on strike with U308, possibly continuation with change in chemistry, more carbonate

839508 Wernecke

Grid North: UTM 7213436 N | Grid East: UTM 528931 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : dolomite | Alteration: mCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.13	407	0.39
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35.6	13.3	0.26	18.7

Sampled By: NM 06-Mar-07

350-500 cps. 2 m down slope from 839507 with cu monzonite, same system.

839509 Wernecke

Grid North: UTM 7213558 N | Grid East: UTM 528957 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : dolomite/siltstone | Alteration: wCA, wQZ | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.16	445	1.04
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
84.6	16.7	0.16	810

Sampled By: NM 06-Apr-07

Plagioclase dusted with hematite (red) with secondary quartz. Moderate to strong chlorite alteration adjacent to veins. Width of veining approximately greater than 20 cm. Found in subcrop/float only.

839510 Wernecke

Grid North: UTM 7211556 N | Grid East: UTM 525538 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : weak breccia | Alteration: sCA | Metallics: 3%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	20.2	0.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.2	16.6	0.12	2.6

Sampled By: NM 21-Jun-07

Adjacent to high Au sample taken 2006, carb veining/matrix with 2-5 mm clasts of hard pink/red. clasts jasper (?) or hematitic plagioclase. Talus field.

839511 Wernecke

Grid North: UTM 7211559 N | Grid East: UTM 535601 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : weak breccia | Alteration: sCA | Metallics: 70%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
20	0.1	7.6	13.25
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.1	3.9	0.57	1.9

Sampled By: NM 21-Jun-07

Massive fine grained specular hematite.

839512 Wernecke

Grid North: UTM 7211914 N | Grid East: UTM 527598 E | Elevation | Sample Width: 2 m | Type: Select | Strike Length Exp: | True Width: 0 m | Host : | Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	2.6	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.4	5.2	0.05	3.4

Sampled By: MQ 07-Jul-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839513 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527596 E
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	4.1	0.42
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
36.5	6.7	0.08	3

Sampled By: MQ
07-Jul-07

839514 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527592 E
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	2.5	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.6	5.7	0.05	2.6

Sampled By: MQ
07-Jul-07

839515 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527592 E
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	2.5	0.28
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
29.3	5.7	0.07	5.3

Sampled By: MQ
07-Jul-07

839516 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527590 E
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	3.2	0.64
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.3	6.3	0.05	2.8

Sampled By: MQ
07-Jul-07

839517 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527588 E
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	2.5	0.33
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.9	5	0.07	4.1

Sampled By: MQ
07-Jul-07

839518 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527586 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	3.5	0.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.8	10.7	0.11	8.7

Sampled By: MQ
07-Jul-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839519 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527585 E
Sample Width: 2.5 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	8.2	1.26
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
42.2	14.3	0.04	3.2

Sampled By: MQ
07-Jul-07

839520 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527582 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	3.4	1.25
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.3	14.4	0.04	1.1

Sampled By: MQ
07-Jul-07

839521 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527580 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	1.7	0.68
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.4	4.6	0.04	5.2

Sampled By: MQ
07-Jul-07

839522 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527579 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	3.2	1.17
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.6	9.5	0.04	2.5

Sampled By: MQ
07-Jul-07

839523 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527574 E
Sample Width: 1.3 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	8.1	0.67
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
52.9	12.8	0.2	3.1

Sampled By: MQ
07-Jul-07

839524 Wernecke

Grid North: UTM 7211914 N
Elevation
Grid East: UTM 527572 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.04	25.1	6.26
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
42	53.8	0.62	3.5

Sampled By: MQ
07-Jul-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839525 Wernecke

Grid North: UTM 7211914 N
Grid East: UTM 527570 E
Elevation
Sample Width: 1.3 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.04	13.8	6.78
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
42.4	48.8	0.56	4

Sampled By: MQ
07-Jul-07

839527 Wernecke

Grid North: UTM 7200669 N
Grid East: UTM 530360 E
Elevation
Sample Width: 0
Type: Float + Grab
Strike Length Exp:
True Width:
Host : siltstone
Alteration: wFe-CB
Metallics: HE
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10	0.09	26.7	4.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.2	15	0.61	4.9

Sampled By: NM
22-Jul-07
cps - 250. Massive fine grained specular hematite vein(?).

839528 Wernecke

Grid North: UTM 7200679.97 N
Grid East: UTM 530812.45 E
Elevation
Sample Width: 95 m
Type: Chip
Strike Length Exp:
True Width: 95 m
Host : siltstone dolomite
Alteration: sFe-CB, mCA
Metallics: CP
Secondaries: wMC, ER

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.77	420	2.58
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.7	58.7	1.73	6.2

Sampled By: NM
22-Jul-07
cps 450. Sampled in 97 and by claim owner in 07.

839552 Wernecke

Grid North: UTM 7210608.74 N
Grid East: UTM 558362.23 E
Elevation
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : unknown
Alteration: sSI
Metallics: 3-5% PY
Secondaries: sGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	2.61	241	1.97
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.4	40.4	6.46	2

Sampled By: NP
22-Jun-07

839553 Wernecke

Grid North: UTM 7198084.68 N
Grid East: UTM 547102.16 E
Elevation
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration: sSI, mHE
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
13	0.02	51.8	3.39
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.6	4.2	0.23	500

Sampled By: NP
27-Jun-07
cps 1500

839554 Wernecke

Grid North: UTM 7198070.12 N
Grid East: UTM 547105.04 E
Elevation
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: mSI, mHE, wCL
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
90	0.01	8.8	0.22
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.3	20.9	1.64	381

Sampled By: NP
27-Jun-07
cps 2500

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839555 Wernecke	Grid North: UTM 7198003.5 N	Grid East: UTM 547049.62 E	Type: Select/Grab	Alteration: sHE, sSI, wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 3%HS	332	0.03	9.4	1.62
		290°/0°	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : unknown		10.4	23.2	0.44	2000
Sampled By: NP 27-Jun-07	cps 8000							
839556 Wernecke	Grid North: UTM 7197809.16 N	Grid East: UTM 547150.64 E	Type: Select	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0.1 m	Strike Length Exp: 5 m	Metallics:	79	0.03	25.2	1.13
			True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		14.8	7.8	8.64	439
Sampled By: NP 27-Jun-07	cps 3000							
839557 Wernecke	Grid North: UTM 7202352.7 N	Grid East: UTM 530286.41 E	Type: Select/Grab	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0.4 m	Strike Length Exp:	Metallics:	7	0.69	1590	5.67
			True Width: 0.4 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : unknown		27.9	122	0.39	161
Sampled By: NP 07-Aug-07	cps 4000							
839558 Wernecke	Grid North: UTM 7202354.14 N	Grid East: UTM 530284.83 E	Type: Select/Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0.1 m	Strike Length Exp:	Metallics: CP	<5	1.1	1010	15.95
			True Width: 0 m	Secondaries: mER, mMC, mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		65.4	310	0.32	299
Sampled By: NP 07-Aug-07	cps 1100							
839559 Wernecke	Grid North: UTM 7202228.45 N	Grid East: UTM 530276.23 E	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics:	18	5.99	3400	21.2
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : unknown		250	762	1.44	1800
Sampled By: NP 07-Sep-07	cps 2000							
839560 Wernecke	Grid North: UTM 7202020.26 N	Grid East: UTM 530189.58 E	Type:	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0.3 m	Strike Length Exp: 4 m	Metallics:	<5	0.95	1240	13.6
		165°/75°	True Width: 0.3 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		32.2	172	0.43	770
Sampled By: NP 07-Sep-07	cps 4000							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839561 Wernecke

Grid North: UTM 7170937.58 N | Grid East: UTM 540682.26 E | Elevation | Sample Width: 1 m | Type: Select/Grab | Strike Length Exp: 3 m | True Width: 1 m | Host : heterolithic breccia? fault breccia? | Alteration: sSI | Metallics: 5%CP, 3%PY | Secondaries: mGE, wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
819	7.23	31900	2.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
325	196.5	15.05	1.4

Sampled By: NP

cps 300

839562 Wernecke

Grid North: UTM 7205194.27 N | Grid East: UTM 528560.29 E | Elevation | Sample Width: 0.1 m | Type: Grab | Strike Length Exp: 4 m | True Width: 0.5 m | Host : heterolithic breccia | Alteration: | Metallics: 1%CP | Secondaries: mMC, wGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
148	44.2	90800	524
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.5	22.1	195	45.8

Sampled By: NP

cps 800. Resample of sample 044761 from 1995.

839563 Wernecke

Grid North: UTM 7205650.16 N | Grid East: UTM 527917.1 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: 1 m | True Width: 0.2 m | Host : mudstone | Alteration: sCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
154	0.9	230	25.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.9	29.4	1.52	590

Sampled By: NP

cps 1000. Quartz-hematite veins in strongly chlorite altered and sheared mudstone.

839564 Wernecke

Grid North: UTM 7205655.41 N | Grid East: UTM 527917.8 E | Elevation | Sample Width: 0.1 m | Type: Grab | Strike Length Exp: 5 m | True Width: 0.3 m | Host : mudstone | Alteration: sQZ | Metallics: | Secondaries: wCC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
116	1.73	426	30.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.1	29	1.35	157.5

Sampled By: NP

cps 1000. Possibly same vein as sample 839563. Quartz-hematite.

839601 Wernecke

Grid North: UTM 7217317 N | Grid East: UTM 535387 E | Elevation | Vein 060°/58° | Sample Width: 0.2 m | Type: Chip | Strike Length Exp: | True Width: 0.2 m | Host : siltstone | Alteration: wAC | Metallics: 30%CP, 4%PY | Secondaries: wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1415	2.54	63500	14.25
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
60.7	274	7.48	190

Sampled By: DB
16-Sep-07

Fault/vein cutting S0 on drill section HV94-07, some glassy quartz, veins of radiating black mineral - tourmaline? actinolite? cutting sediments adjacent to vein.

839602 Wernecke

Grid North: UTM 7211883.86 N | Grid East: UTM 527602.09 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : phyllite | Alteration: mCL, mMT | Metallics: HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.18	72	0.49
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.3	3.1	0.05	3.2

Sampled By: DB
16-May-07

Phyllitic rock cut by pink plagioclase/quartz vein in turn cut by quartz-specular hematite veinlets.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839603 Wernecke

Grid North: UTM 7211608.07 N
Elevation
Grid East: UTM 527452.2 E
Sample Width: 0
235°/28°
Type: Grab
Strike Length Exp:
True Width: 0
Host : siltstone
Alteration: mMS, mCL
Metallics: 1%'HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.06	11.6	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14	3.3	0.02	1.4

Sampled By: DB 16-May-07

Pink plagioclase vein with specular hematite and chlorite fractures.

839604 Wernecke

Grid North: UTM 7187596 N
Elevation
Grid East: UTM 564305 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration: mDO, wKF
Metallics: 1%CP, 3%HS
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	0.68	3630	41.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.3	22.4	1.26	6.1

Sampled By: DB 20-May-07

30x30 cm angular boulder, located in coarse grained talus with abundant less-mineralized heterolithic breccia..

839605 Wernecke

Grid North: UTM 7187700 N
Elevation
Grid East: UTM 564320 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width:
Host : siltstone
Alteration: mDO, mHC
Metallics: 0.5%CP, 0.1%HS
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.15	1010	4.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.7	52.9	0.59	4.3

Sampled By: DB 20-May-07

Pink siltstone cut by dolomite-chalcopyrite, stockwork veins, mm-scale.

839606 Wernecke

Grid North: UTM 7187729.6 N
Elevation
Grid East: UTM 564418.52 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : barite vein
Alteration:
Metallics: HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	9.7	0.16
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
0.5	0.6	0.06	0.1

Sampled By: DB 20-May-07

cobble-sized float, granular to bladed with barite with trace fine grain specular hematite.

839607 Wernecke

Grid North: UTM 7187790 N
Elevation
Grid East: UTM 564550 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width:
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.21	101.5	0.69
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.6	70.8	2.43	3.2

Sampled By: DB 20-May-07

Two fractures coated with brannerite?

839608 Wernecke

Grid North: UTM 7211540.37 N
Elevation
Grid East: UTM 527627.65 E
Sample Width: 10 m
254°/56°
Type: Grab
Strike Length Exp: 5 m
True Width: 10
Host : siltstone
Alteration:
Metallics: 2%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	4.6	1.06
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
37.4	12	0.12	2.1

Sampled By: DB 23-May-07

Quartz-plagioclase vein with minor chlorite and specular hematite, irregular but generally concordant to S0.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839609 Wernecke

Grid North: UTM 7211593.24 N
Elevation

Grid East: UTM 527511.45 E
Sample Width: 0

Type: Float
Strike Length Exp:
True Width: 0
Host : phyllite

Alteration:
Metallics: 8%HS, 1%PY, CP
Secondaries: LI, MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	648	9.94
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.3	3.4	0.13	11.3

Sampled By: DB
23-May-07

Phyllite hosted quartz veins in kink bands, coarse grained specular hematite.

839610 Wernecke

Grid North: UTM N
Elevation

Grid East: UTM E
Sample Width: 0

Type:
Strike Length Exp:
True Width:
Host :

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	529	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35.7	25.3	0.13	2.8

Sampled By: DB
21-Nov-07

839611 Wernecke

Grid North: UTM N
Elevation

Grid East: UTM E
Sample Width: 0

Type:
Strike Length Exp:
True Width:
Host :

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	68	0.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
1.8	3.3	0.34	1.1

Sampled By: DB
21-Nov-07

839612 Wernecke

Grid North: UTM 7217879.5 N
Elevation

Grid East: UTM 534941.54 E
Sample Width: 0

Type: Select
Strike Length Exp:
True Width:
Host : heterolithic breccia

Alteration: sCA, mCL
Metallics: 2%CP, 1%PY, HS
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
4470	0.39	29700	1.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.6	14.8	2.83	2.8

Sampled By: DB
16-Jun-07

839614 Wernecke

Grid North: UTM 7191393 N
Elevation

Grid East: UTM 572810 E
Sample Width: 0

Type: Float + Grab
Strike Length Exp:
True Width: 0
Host : pinguicula basal sandstone

Alteration:
Metallics: CP, PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.13	524	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.9	45.3	1.17	1

Sampled By: DB
07-Jul-07

839615 Wernecke

Grid North: UTM 7191338 N
Elevation

Grid East: UTM 572508 E
Sample Width: 0

Type:
Strike Length Exp:
True Width: 0
Host : heterolithic breccia

Alteration: wDO
Metallics: CP, 1%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
20	2.66	5200	0.98
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
39.4	23.1	7.93	31.5

Sampled By: DB
07-Jul-07

cps 500

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839616 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191452	N	UTM 572460	E	Strike Length Exp:	Metallics: CP, 6%HS	5	0.04	65.8	1.04
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : heterolithic breccia		48.5	18	0.14	2.4
Sampled By: DB 07-Jul-07	cps 310									
839617 Wernecke	Grid North:		Grid East:		Type:	Alteration: sSI, wCA	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191619	N	UTM 572362	E	Strike Length Exp:	Metallics: 2%CP	8	0.16	5240	7.52
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		9.4	23	1.41	6.4
Sampled By: DB 07-Jul-07	cps 200									
839618 Wernecke	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7208019.41	N	UTM 534817.21	E	Strike Length Exp:	Metallics:	<5	0.24	54.1	0.4
	Elevation		Sample Width: 0		True Width: 0	Secondaries: mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		12.8	12.1	0.28	12
Sampled By: DB 07-Aug-07	cps 270									
839619 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7209145.6	N	UTM 535278.01	E	Strike Length Exp: 2 m	Metallics: CP	<5	0.56	951	2.55
	Elevation		Sample Width: 20 m		True Width: 2 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		17.5	9.2	0.08	8.9
Sampled By: DB 07-Aug-07	cps 170									
839620 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sSI, wFe-CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7210921.62	N	UTM 527559.74	E	Strike Length Exp: 5 m	Metallics: 3%HS, PY, CP	<5	0.03	7340	0.86
	Elevation		Sample Width: 10 m		True Width: 10 m	Secondaries: wAZ, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		Vein 088°/81°			Host : siltstone		5.7	15.8	0.07	3.9
Sampled By: DB 14-Jul-07	cps 120. Not previously sampled, wallrock quite strongly altered.									
839621 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7210893.81	N	UTM 527590.86	E	Strike Length Exp: 1 m	Metallics: 75%HS	8	0.08	41.7	16.7
	Elevation		Sample Width: 30 m		True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone?		3.9	27.7	0.68	2.9
Sampled By: DB 14-Jul-07	common zones of massive specular hematite - looks to be replacing sedimentary rock, fine grained. Resembles hematite zone.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839622 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mDO	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7210866.65 N	UTM 527605.96 E	Strike Length Exp:	Metallics: 2%CP, 4%MG, 5%HS	6	0.14	1530	7.17
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone?		38.9	88.5	0.24	1
Sampled By: DB 14-Jul-07	chalcopyrite generally related to dolomite alteration and veins. chalcopyrite is common here.							
839623 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mDO, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171216.64 N	UTM 541849.93 E	Strike Length Exp: 20 m	Metallics: 0.5%CP, 0.5%PY	12	0.18	813	7.15
	Elevation	Sample Width: 0	True Width: 0	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		29.2	7.5	0.62	3.4
Sampled By: PS 19-Jul-07	cps 350							
839624 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mDO	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171071.09 N	UTM 542323.54 E	Strike Length Exp:	Metallics: 3%CP, 2%PY	46	1.71	9840	8.2
	Elevation	Sample Width: 0	True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		104.5	23.7	6.79	8.4
Sampled By: DB 19-Jul-07	cps 350. Light grey heterolithic breccia with disseminated sulphides, new.							
839625 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sHE, mDO	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171215.14 N	UTM 542351.38 E	Strike Length Exp:	Metallics: 5%PY, 0.1% Brannerite	3380	0.7	78.5	15.9
	Elevation	Sample Width: 0	True Width:	Secondaries: mHE, mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		62.3	76.9	74.9	1600
Sampled By: DB 19-Jul-07	cps 1400. 10x15cm float, strong red colour.							
839626 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mSI, mFe-CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200769.81 N	UTM 531173.98 E	Strike Length Exp: 20 m	Metallics: 0.1%CP	<5	0.11	333	1.11
	Elevation	Sample Width: 0	True Width:	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		2	4.8	0.24	0.7
Sampled By: DB 22-Jul-07	cps 55. Orb Showing (could not find 90s tags though) dolomite-hosted chalcopyrite mineralization. Along fractures and associated with moderate silica, coarse grain dolomite grains.							
839627 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200669.11 N	UTM 530823.37 E	Strike Length Exp: 15 m	Metallics: 5%HS, 0.5%CP, 0.1%PY	803	0.58	6120	19.15
	Elevation	Sample Width: 30 m	True Width:	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Fault 175°/75°		Host : heterolithic breccia		6	32.4	1.17	39.7
Sampled By: DB 22-Jul-07	cps 750. Across creek from Arctos Showing.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839628 Wernecke

Grid North: UTM 7171265.54 N
Elevation
Grid East: UTM 541887.93 E
Sample Width: 0.4 m
Fault 055°/60°
Type: Grab
Strike Length Exp: 2 m
True Width: 0.4 m
Host : siltstone
Alteration:
Metallics: 6%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
380	8.17	6600	6.27
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
190	41.9	58.3	1.1

Sampled By: DB 24-Aug-07
cps 260. Ffractured fault zone with quartz veins and pods of massive pyrite.

839629 Wernecke

Grid North: UTM 7171231.17 N
Elevation
Grid East: UTM 541715.44 E
Sample Width: 0.2 m
Type: Select/Grab
Strike Length Exp: 3 m
True Width: 0.2 m
Host : heterolithic breccia
Alteration: wDO, mMS, mCL
Metallics: 4%MO, 0.001%Au
Secondaries: sLI

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10100	5.56	108.5	10010
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.1	15.1	235	231

Sampled By: DB 20-Aug-07
cps 850. New showing - "Equalizer" comprising several cm scale pods of coarse grained MoS2 and locally pyrite, zone is cut off by late fault, scintillometer to 7000 in outcrop.

839630 Wernecke

Grid North: UTM 7171233.81 N
Elevation
Grid East: UTM 541717.28 E
Sample Width: 0.2 m
Type: Grab
Strike Length Exp: 3 m
True Width: 2 m
Host : heterolithic breccia
Alteration: wDO, mHE, mCL
Metallics: 0.1%MO, 0.1%Brannerite
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
169	0.21	81.4	76.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.4	6.8	19.55	80.2

Sampled By: DB 20-Aug-07
cps 700. 4500 cps in outcrop, associated with MoS2 pods.

839631 Wernecke

Grid North: UTM 7171236.97 N
Elevation
Grid East: UTM 541715.84 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width:
Host :
Alteration:
Metallics: 8%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
191	0.08	17.6	50.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.2	19	2.29	52.9

Sampled By: DB 20-Aug-07
cps 800. Red breccia with more abundant specular hematite than surrounding breccia.

839632 Wernecke

Grid North: UTM 7199399.33 N
Elevation
Grid East: UTM 540843.33 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width:
Host : ? - alt to intense
Alteration: SI
Metallics: 20%PY
Secondaries: sJA, sLI

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
37	0.27	25.3	32.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
92.8	506	4.76	1.5

Sampled By: DB 21-Aug-07
80x100cm boulder - on edge of creek but looks like it may be sourced locally. Strong gossan, grey, abundant mm-scale pyritohedrans.

839633 Wernecke

Grid North: UTM 7199825.91 N
Elevation
Grid East: UTM 542927.91 E
Sample Width: 1 m
Type: Grab
Strike Length Exp:
True Width: 15 m
Host : siltstone
Alteration: sMS, mCL
Metallics: 0.2%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	<0.01	335	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
41.3	22.3	0.12	5.3

Sampled By: DB 21-Aug-07
Not previously sampled.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839634 Wernecke

Grid North: UTM 7199037.97 N
Elevation
Grid East: UTM 534569.04 E
Sample Width: 0
Type:
Strike Length Exp:
True Width:
Host : siltstone
Alteration: CL
Metallics:
Secondaries: SI

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	11.2	2.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.6	21.7	0.61	990

Sampled By: DB 25-Aug-07

cps 3500. Brannerite globs.

839635 Wernecke

Grid North: UTM 7199047.37 N
Elevation
Grid East: UTM 534569.38 E
Sample Width: 0
Type:
Strike Length Exp:
True Width:
Host : siltstone
Alteration: CL, SD
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.04	5.5	1.32
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.9	7.6	0.32	162

Sampled By: DB 25-Aug-07

839636 Wernecke

Grid North: UTM 7199048.67 N
Elevation
Grid East: UTM 534568.44 E
Sample Width: 0
315°/16°
Type:
Strike Length Exp:
True Width:
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.04	11.1	1.72
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.5	9.9	0.17	2.5

Sampled By: DB 25-Aug-07

839651 Wernecke

Grid North: UTM 7210405 N
Elevation
Grid East: UTM 530475 E
Sample Width: 0.25 m
305°/40°
Type: Grab
Strike Length Exp: 5 m
True Width: 0.25 m
Host : chlorite phyllite
Alteration:
Metallics: 3%CP, 1%HS
Secondaries: CC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
101	0.1	3420	3.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.8	25.6	2.33	10.5

Sampled By: JJL 16-May-07

Pinch and swell quartz vein in chlorite phyllite max width.

839652 Wernecke

Grid North: UTM 7200783 N
Elevation
Grid East: UTM 522903 E
Sample Width: 0.1 m
110°/50° S
Type: Select
Strike Length Exp: 2 m
True Width: 0.1 m
Host : silicified pelitic sediments
Alteration: sSI
Metallics: 2%CP
Secondaries: wER,sAN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
284	0.79	1850	29.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
1495	10001	33.9	73

Sampled By: JJL 16-May-07

Quartz vein hosted in silicifed sediments, pale green weathering - strong annabergite in outcrop and in float - indications of faulting in ch +/- phyllite/quartz float and pale weathering float - smaltite variable, long vein (max 1 cm thick).

839653 Wernecke

Grid North: UTM 7197222 N
Elevation
Grid East: UTM 539350 E
Sample Width: 4 m
Type: Grab
Strike Length Exp:
True Width: 4 m
Host : Fault breccia, crecciated dolomitic seds
Alteration: msDO
Metallics: 3%CP, 10%MG, 3%PY
Secondaries: sJA, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
413	1.27	21400	85.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
179	1190	3.24	27.7

Sampled By: JJL 06-Aug-07

Strongly faulted discontinuous mineralized zones (sampled zone = skarn-like-magnetite-chalcopyrite, max count = 400 cps cps 90-100) (170/60 - fault controlled footwall).

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839654 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sMS, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	UTM 7193645 N	UTM 537647 E	Strike Length Exp:	Metallics: 5%PY,	14	0.13	145.5	32.9
	Elevation	Sample Width: 6 m	True Width: 6 m	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host : heterolithic breccia		111	415	7.12	10.5

Sampled By: JJL 06-Nov-07 — Rusty weathering outcrop of strong silica-magnetite altered heterolithic breccia. Remnant breccia fragments (some jasper). Pyrite disseminated up to 15%, average 5% (in X structure 275/75) cps 320 - siderite veining up to 3cm.

839655 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	UTM 7194570 N	UTM 537720 E	Strike Length Exp: 2 m	Metallics: 5%CP	53	4.05	20500	52.4
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mCC, sJA, sMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
	65°/88°		Host : heterolithic breccia		65.9	66.6	1.27	20.6

Sampled By: JJL 06-Dec-07 — Large block 10x10m - possibly slide block. With faulted brecciated zone equal in width with quartz and chalcopyrite. Strong malachite, jarosite stain. Also replacement and disseminated chalcopyrite in Wernecke breccia. 300 cps.

839656 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wDO, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	UTM 7194570 N	UTM 537650 E	Strike Length Exp: 1 m	Metallics: CP, 1%CO	593	0.24	211	1.89
	Elevation	Sample Width: 0.15 m	True Width: 0.15 m	Secondaries: sER, wMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host : strongly altered dolomite/phyllite		333	5700	0.75	122

Sampled By: JJL 06-Dec-07 — Locallized and patchy erythrite associated with silicified zones. Silver-skutterudite or cobaltite disseminated. All zones discontinuous. Brannerite with quartz.. Brannerite showng 2m to N. (see notes). 400 cps.

839657 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	UTM 7194361 N	UTM 537686 E	Strike Length Exp:	Metallics: 1%CP	<5	0.52	879	5.07
	Elevation	Sample Width: 0.2 m	True Width: 0.2 m	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host : possible siliceous intrusion		5.5	4.5	0.08	15.9

Sampled By: JJL 13-Jun-07 — cps 140. Sample at contact zone of heterolithic breccia with black siltstone. Possible minor siliceous dyke (up to 2 mm chloritized biotite or pyroxenos). Numberous quartz stringers. Altered fragments (sed) in selica (old sample 548261 10m upstream).

839658 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	UTM 7194741 N	UTM 538255 E	Strike Length Exp: 3 m	Metallics: 2%CP, 30%MG, PY	25	0.39	5600	8.53
	Elevation	Sample Width: 0.2 m	True Width: 0.2 m	Secondaries: mJA, sMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		25.3	40	0.27	7.1

Sampled By: JJL 13-Jun-07 — cps 150. contact zone with numerous minor fault slips. Locallized and patchy mineralization trending roughly east/west. Semi-massive magnetite +/- chalcopyrite. Disseminated and patchy chalcopyrite.

839659 Wernecke	Grid North:	Grid East:	Type: Float + Grab	Alteration: sMS	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	UTM 7193797 N	UTM 537744 E	Strike Length Exp:	Metallics: 5%CP	121	2.99	9470	8.84
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sMN	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host : heterolithic breccia - sidertie veining		64.1	332	2.08	14.3

Sampled By: JJL 17-Jun-07 — cps 270. Siderite veining in sericite altered heterolithic breccia.. Erratic chalcopyrite in late siderite veins to 5cm width. Select sample of highest % chalcopyrite in 4cm width vein. Highest cu in stain. Mn-oxide stained slickensided blocks. Block from approximately 25m up slope.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839660 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7193240 N	UTM 536800 E	Strike Length Exp: 20 m	Metallics:	7	0.04	18.6	1.04
	Elevation	Sample Width: 4 m	True Width: 4 m	Secondaries: HS	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		090°/65°	Host : siliclastics (shale) sandstone-siltstone		15.3	1.8	0.1	0.9
Sampled By: JJL 17-Jun-07	Sample of healed fault and quartz stockwork - no silica.							
839661 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: SI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7168512 N	UTM 534355 E	Strike Length Exp: 3 m0	Metallics: 0.5%CP, 0.5PY	35	1.73	1425	0.4
	Elevation	Sample Width: 7 m	True Width: 7 m	Secondaries: MC, JA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		Vein 310°/88°	Host :		25.5	56.7	6.86	1.7
Sampled By: JJL 17-Jul-07	cps 250. Quartz vein with erratic minor chalcopyrite and pyrite. Numerous wallrock breccia fragments. Zone 40m upsteam to the north with sheared sediments and quartz stringers with minor chalcopyrite and pyrite. Sheared at 302/90.							
839662 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7218430 N	UTM 547283 E	Strike Length Exp:	Metallics:	<5	0.11	4.3	0.08
	Elevation	Sample Width: 0.5 m	True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		6.9	3.8	0.02	0.5
Sampled By: JJL 18-Jul-07	cps 140. Orange weathering blocks with re-hematized dolomite - minor chlorite stringers, Late calcite cross-cutting.							
839663 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198365 N	UTM 534314 E	Strike Length Exp:	Metallics: 0.5%CP	15	0.14	2320	2.03
	Elevation	Sample Width: 0.2 m	True Width:	Secondaries: MC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia - possibly igneous origin		3.5	8.4	0.45	4.7
Sampled By: JJL 18-Jul-07	Very pink "pseudo crystalline" - chalcopyrite disseminated + Fe dolomite vein associated with strong chlorite on fracture surfaces at float.							
839664 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: mCB, wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198358 N	UTM 534299 E	Strike Length Exp: 5 m	Metallics: 2%CP, 2%HS	22	0.75	9780	0.26
	Elevation	Sample Width: 0.4 m	True Width: 0.4 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia with FecO3 veining +/- cp		4.9	9.6	5.67	1.6
Sampled By: JJL 19-Jul-07	Fe dolomite veins in heterolithic breccia, erratic chalcopyrite. Pink - heterolithic breccia - looks igneous in part - heavy chlorite altered material in float - blocks (20cm) massive specular hematite..							
839665 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198385 N	UTM 535867 E	Strike Length Exp: 6 m	Metallics: 1.5%CP, 0.05%PY	194	0.41	24900	1.83
	Elevation	Sample Width: 0	True Width:	Secondaries: mJA, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		40.9	29.1	13.25	4.3
Sampled By: JJL 19-Jul-07	cps 200. [6x6m Exposed] - Large area of heterolithic breccia float with strong chalcopyrite in numerous blocks, pink (specular hematite), a lot of sediments. Fragments to N-NW are silica (light pink) and altered heterolithic breccia.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839666 Wernecke

Grid North: | Grid East: | Type: Select | Alteration: SI

UTM 7168680 N | UTM 535289 E | Strike Length Exp: 4 m0 | Metallics: 0.5%CP, 0.5PY

Elevation | Sample Width: 2 m | True Width: 2 m | Secondaries: JA, MC, MN

Vein + Shear 250°/80° | Host : siltstone/mudstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
224	2.77	2030	0.36
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.1	17.2	45.7	1.7

Sampled By: JJL 21-Jul-07

cps 190. 30M wide shear zone with quartz veining and stringering. Veins erratic and brecciated. Select of sulphide bearing material only.

839667 Wernecke

Grid North: | Grid East: | Type: Select | Alteration: SI

UTM 7168560 N | UTM 535415 E | Strike Length Exp: 0.2 m | Metallics: 0.05%CP

Elevation | Sample Width: 0.3 m | True Width: 0.3 m | Secondaries: ER, JA, MC

Host : siltstone/mudstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
58	0.28	353	0.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
262	1780	11.15	0.9

Sampled By: JJL 21-Jul-07

cps 190. 25x25m outcrop all strongly silicified and quartz stockworked. Minor erratic sx. Smaltite or cobaltite, chalcopyrite. Trace amounts.

839668 Wernecke

Grid North: | Grid East: | Type: Select | Alteration: SI

UTM 7168455 N | UTM 535380 E | Strike Length Exp: 0.15 m | Metallics: 0.05%CP, 0.05%PY, 0.05

Elevation | Sample Width: 0.3 m | True Width: 0.3 m | Secondaries: AZ, JA, MC

Vein+Fault 220°/65° | Host : siltstone/mudstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
38	0.67	1135	0.28
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
83.1	505	2.43	1.1

Sampled By: JJL 21-Jul-07

cps 170. Quartz vein up to 2.5m in silicified zone up to 3cm width. Weak, erratic silicification in faulted and block displaced veining.

839669 Wernecke

Grid North: | Grid East: | Type: Float | Alteration: SI

UTM 7168200 N | UTM 535475 E | Strike Length Exp: | Metallics: 2%CP, 2%PY

Elevation | Sample Width: 0 | True Width: | Secondaries: MC, JA

Host : siltstone/mudstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
358	6.79	17600	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
305	668	200	0.2

Sampled By: JJL 21-Jul-07

cps 160. Source of float visible up slope in cliff face (with strong malachite and jarosite). Highest grade float collected for sample. Numerous vein siderite float blocks +/- chalcopyrite.

839670 Wernecke

Grid North: | Grid East: | Type: Grab | Alteration: SI

UTM 7168800 N | UTM 535515 E | Strike Length Exp: 0.15 m | Metallics: 0.05%CP, 0.05%PY

Elevation | Sample Width: 0.15 m | True Width: 0.15 m | Secondaries: JA

Vein + Shear 280°/45° | Host : siltstone/mudstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
12	1.46	742	0.27
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.1	56.7	7.62	1.3

Sampled By: JJL 22-Jul-07

Very strong foliated strained rocks with quartz veins and stockwork paralleling foliation. Bed = 100/05, Foliationn 248/75 - Later (?) siderite veins - no to little silica.

839671 Wernecke

Grid North: | Grid East: | Type: Float | Alteration:

UTM 7169629 N | UTM 535000 E | Strike Length Exp: | Metallics: 0.05%CP

Elevation | Sample Width: 0 | True Width: | Secondaries:

Host :

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	67	0.29
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.5	11	0.4	1

Sampled By: JJL 22-Jul-07

Quartzite float with both fine silica stringers +/- chalcopyrite and rare chalcopyrite (infill in voids?), possibly silicified.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839672 Wernecke

Grid North: UTM 7190670 N | Grid East: UTM 556904 E | Elevation | Sample Width: 0 | True Width: | Type: Float | Strike Length Exp: 15 m | Host : all Limonite/ Jarosite Boxwork | Alteration: | Metallics: | Secondaries: sJA, sLI

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	9.42	261	2.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
61	14	6.55	0.9

Sampled By: JJL 24-Jul-07

All boxwork (sampled for remnant Au) - hosted in brecciated dolostone - minor veins to South with pyrite.

839673 Wernecke

Grid North: UTM 7190737 N | Grid East: UTM 556929 E | Elevation | Sample Width: 0.3 m | True Width: 0.3 m | 200°/60° | Type: Grab | Strike Length Exp: 5 m | Host : phyllite | Alteration: mMS, wQZ | Metallics: 4%PY | Secondaries: sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.12	15.4	4.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.4	149.5	0.36	5.6

Sampled By: JJL 24-Jul-07

cps 140. Discontinuous fault/vein system with pyrite. South end cut off by cross-fault. North end overburden. Strong sericite altered wall rocks. Foliated along shear.

839674 Wernecke

Grid North: UTM 7190747.39 N | Grid East: UTM 556300.45 E | Elevation | Sample Width: 0.5 m | True Width: 0.5 m | Fault 260°/88° | Type: Grab | Strike Length Exp: 3 m | Host : breccia -werneke? | Alteration: | Metallics: 0.01%PY | Secondaries: sJA, sGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	6.05	74.9	3.42
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.2	11.6	1.83	0.9

Sampled By: JJL 26-Jul-07

cps 45. Minor shear zone with strong Fe stain and remnant boxwork. Minor quartz.

839675 Wernecke

Grid North: UTM 7191140.26 N | Grid East: UTM 556308.74 E | Elevation | Sample Width: 0.2 m | True Width: 0 m | Type: Float | Strike Length Exp: | Host : heterolithic breccia | Alteration: mCL | Metallics: 3%CP | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
35	2.04	4050	11.85
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
49.3	101.5	0.84	5.3

Sampled By: JJL 27-Jul-07

cps 200. Dark green weathering, chloritic fragmental. Rounded fragments with altered margins, sedimentary and hematitic fragments. chalcopyrite as disseminated and in dolomite veins.

839676 Wernecke

Grid North: UTM 7191048.14 N | Grid East: UTM 556258.84 E | Elevation | Sample Width: 0.5 m | True Width: 0.5 m | Type: Grab | Strike Length Exp: 3 m | Host : heterolithic breccia | Alteration: sMS, mCL | Metallics: 0.5%CP, 0.1%PY | Secondaries: wJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
51	2.54	5680	13.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
68.6	71.6	1.79	16.7

Sampled By: JJL 27-Jul-07

cps 400. Mineralization dominantly in dolomite stringers.

839677 Wernecke

Grid North: UTM 7191071.14 N | Grid East: UTM 555950.46 E | Elevation | Sample Width: 0.5 m | True Width: 0.5 m | Bedding 110°/45° | Type: Grab | Strike Length Exp: 2 m | Host : contact dolostone/mudstone | Alteration: sSI | Metallics: 3%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	0.48	538	7.19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.1	165.5	1.2	6.2

Sampled By: JJL 28-Jul-07

cps 300. Unique rock at contact mudstone to the N and lst to the S. Siderite porphyrocrysts. Hematitic red coloured with silica alteration.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839678 Wernecke

Grid North: UTM 7191297.38 N | Grid East: UTM 555738.34 E | Elevation | Sample Width: 0.05 m | Type: Select | Strike Length Exp: 0.5 m | True Width: 0.05 m | Host : silty dolostone/homolithic breccia | Alteration: mMS | Metallics: 1%CP, 0.001% Brannerite | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
44	0.82	746	16.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18	12.8	1.5	790

Sampled By: JJL 28-Jul-07

cps 3500. Minor veinlet in displaced block with narrow chalcopyrite and brannerite.

839679 Wernecke

Grid North: UTM 7191292 N | Grid East: UTM 555732 E | Elevation | Sample Width: 0.15 m | Type: Float | Strike Length Exp: | True Width: 0.15 m | Host : | Alteration: CL | Metallics: 0.05%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
13	0.15	41.7	5.92
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
135.5	31.2	0.98	1600

Sampled By: JJL 31-Jul-07

cps 2000. Felted chlorite, grey quartz eyes to 4 mm. Minor Fe dolomite vein. Pink hematitic plagioclase(?) patches.

839680 Wernecke

Grid North: UTM 7199765 N | Grid East: UTM 573305 E | Elevation | Sample Width: 0.4 m | Type: Float | Strike Length Exp: | True Width: | Host : | Alteration: | Metallics: 1%CP, 2%PY | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
12	0.44	241	154
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.2	236	4.47	5.6

Sampled By: JJL 31-Jul-07

cps 280. Numerous quartz (Vein + Sc Alt'd + Bx+d) blocks in talus slope.

839681 Wernecke

Grid North: UTM 7199720 N | Grid East: UTM 573565 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: | Host : altered Diomite? | Alteration: sCL, wHE | Metallics: 1%CP, 0.5%PY | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	0.08	1765	0.75
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
74	49	0.38	3.3

Sampled By: JJL 31-Jul-07

cps 220. Dark green chloritic block on 0.5x1.0m; Some pink plagioclase. chalcopyrite associated with Fe dolomite stringers. Increase in specular hematite in float.

839701 Wernecke

Grid North: UTM 7211053 N | Grid East: UTM 527713 E | Elevation | Vein 025°/50° | Sample Width: 0.1 m | Type: Select/Grab | Strike Length Exp: 1 m | True Width: 0.1 m | Host : phyllite | Alteration: mCL | Metallics: 0.5%PY | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	10.7	1.17
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.5	19.8	0.17	181.5

Sampled By: TKB 17-May-07

Sample returns 400 cps. Vein continues and splays at outcrop with higher scintillometer readings at veins. Host rock is highly chlaitically altered adjacent to vein.

839702 Wernecke

Grid North: UTM 7211676 N | Grid East: UTM 527859 E | Elevation | Bedding 240°/59° | Sample Width: 0.015 m | Type: Select | Strike Length Exp: 0.5 m | True Width: 0.005 m | Host : sareciteic phyllite | Alteration: mCL, sMR | Metallics: 0.5%Brannerite | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	4	0.89
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.7	8.7	0.16	285

Sampled By: TKB 17-May-07

cps 650 - Brannerite found in small veinlets of quartz.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839703 Wernecke

Grid North: UTM 7200232.02 N
Elevation
Grid East: UTM 534638.85 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : dolomitic siltstone
Alteration: mDO
Metallics: 3%PY, CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
33	0.13	1670	8.09
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.2	37.5	0.5	5.9

Sampled By: TKB
31-May-07

839704 Wernecke

Grid North: UTM 7200778 N
Elevation
Grid East: UTM 534680 E
Sample Width: 0.1 m
Type: Select
Strike Length Exp: 8 m
True Width: 0.15 m
Host : chloritic dolomite
Alteration: mCL, sHE
Metallics: 3%MG, 1%PY, 1%Branner
Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
34	0.46	733	49.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.6	22.8	0.38	427

Sampled By: TKB
06-Aug-07
Max reading was 4400 cps on scintillometer in outcrop.

839705 Wernecke

Grid North: UTM 7200757 N
Elevation
Vein 152°/53°
Grid East: UTM 534706 E
Sample Width: 0.075 m
Type: Select
Strike Length Exp: 8 m
True Width: 0.075 m
Host : dolomitic siltstone
Alteration: sQZ
Metallics: 15%PY, 5%CP
Secondaries: sHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1085	0.6	10550	27.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.1	103	1.09	6.8

Sampled By: TKB
31-May-07
cps 350

839706 Wernecke

Grid North: UTM 7200756 N
Elevation
Vein 152°/53°
Grid East: UTM 534713 E
Sample Width: 0.075 m
Type: Select
Strike Length Exp: 8 m
True Width: 0.075 m
Host : dolomitic siltstone
Alteration: sQZ
Metallics: 20%PY, 5%CP
Secondaries: sHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2830	6.98	19800	2.19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.2	24.5	6.17	5

Sampled By: TKB
31-May-07
cps 350

839707 Wernecke

Grid North: UTM 7200774 N
Elevation
Grid East: UTM 534682 E
Sample Width: 5 m
Type: Select
Strike Length Exp: 5 m
True Width: 5 m
Host : heterolithic breccia
Alteration: sCL
Metallics: 5%MG, 2%PY, 1%CP
Secondaries: sHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1040	2.23	11200	134
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	73	0.39	99.7

Sampled By: TKB
31-May-07
cps 2000

839708 Wernecke

Grid North: UTM 7200783 N
Elevation
Grid East: UTM 534704 E
Sample Width: 0.1 m
Type: Select
Strike Length Exp:
True Width: 0.1 m
Host : dolomite
Alteration: sCL
Metallics: 1%MG, 1%PY
Secondaries: sHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2830	17.55	724	111.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.8	12.2	9.78	940

Sampled By: TKB
31-May-07
cps 1200

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839709 Wernecke	Grid North:	Grid East:	Type: Select/Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200874.7 N	UTM 534639.17 E	Strike Length Exp: 5 m	Metallics: 10%PY, 20%MG, 20%CP	1445	11.55	4950	210
	Elevation	Sample Width: 0.3 m	True Width: 0.3 m	Secondaries: wAZ, wMC, sJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein 230°/80°		Host : heterolithic breccia		63.7	80.6	33.7	112.5
Sampled By: TKB 10-Jun-07	1600							
839710 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCL, wKF, wFe-CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200863.92 N	UTM 534611.68 E	Strike Length Exp:	Metallics: 1%PY, 15%MG, 1%HS	184	0.99	1360	57.8
	Elevation	Sample Width: 0.15 m	True Width: 0.5 m	Secondaries: w MN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		34.9	61.2	1.72	740
Sampled By: TKB 10-Jun-07	cps 1800							
839711 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200951.49 N	UTM 534716.85 E	Strike Length Exp:	Metallics: 10%MG, 3%PY, 1%CP	1660	2.47	12250	191.5
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: wCC, mMC, sJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		46.1	149	12.55	1200
Sampled By: TKB 10-Jun-07	cps 1000							
839712 Wernecke	Grid North:	Grid East:	Type: Select/Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7195515.61 N	UTM 537835.09 E	Strike Length Exp: 2 m	Metallics: 3%CP	32	0.76	20700	7.79
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: mMC, wAZ, wMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Joint 45°/31°		Host : silty dolostone		18.1	8.9	0.5	7.2
Sampled By: TKB 13-Jun-07	cps 250							
839713 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7195647.55 N	UTM 537885.64 E	Strike Length Exp: 1 m	Metallics: 2%CP	11	0.23	6860	2.56
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: mAZ, mMC, mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Joint		Host : heterolithic breccia		26.3	17.7	0.37	13.5
Sampled By: TKB 13-Jun-07	cps 350							
839714 Wernecke	Grid North:	Grid East:	Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7195691.23 N	UTM 537852.04 E	Strike Length Exp: 1.2 m	Metallics: 2%CP, 1%HS	8	0.39	5810	1.56
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: mAZ, mJA, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Joint		Host :		26.2	19.5	0.28	3.7
Sampled By: TKB 13-Jun-07	cps 350							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839715 Wernecke	Grid North: UTM 7201022.86 N	Grid East: UTM 534832.31 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 3 m	Strike Length Exp: 3 m	Metallics: 1%CP, 1%HS, 5%MG	36	0.17	551	60.5
		150°/0°	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		60.4	49.8	0.33	30.8
Sampled By: TKB 15-Jun-07	cps 600							
839716 Wernecke	Grid North: UTM 7201024.21 N	Grid East: UTM 534834.18 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 3 m	Strike Length Exp: 3 m	Metallics: 30%HS, 5%PY, 3%CP	700	1.96	11850	238
			True Width: 0 m	Secondaries: wAZ, sJA, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		106	48.8	2.58	67.6
Sampled By: TKB 15-Jun-07	cps 1000							
839717 Wernecke	Grid North: UTM 7201025.47 N	Grid East: UTM 534835.64 E	Type: Chip	Alteration: mCL, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 5 m	Strike Length Exp: 3 m	Metallics: 3%HS, 1%CP	17	0.19	341	8.6
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		41.9	30.1	0.19	12.7
Sampled By: TKB 15-Jun-07	cps 450							
839718 Wernecke	Grid North: UTM 7201027.6 N	Grid East: UTM 534833.66 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 20%MG, 2%CP, 10%HS	64	0.21	2540	16.75
			True Width: 0 m	Secondaries: wMC, wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		53.9	45	0.29	105
Sampled By: TKB 15-Jun-07	cps 1200							
839719 Wernecke	Grid North: UTM 7201028.33 N	Grid East: UTM 534834.81 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2.5 m	Strike Length Exp: 3 m	Metallics: 25%MG, 2%CP, 2%PY, H	30	0.18	766	30.9
			True Width: 0 m	Secondaries: mJA, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		74.8	41.9	0.19	156
Sampled By: TKB 15-Jun-07	cps 1500							
839720 Wernecke	Grid North: UTM 7201029.22 N	Grid East: UTM 534835.9 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 1%CP, 1%PY, 20%MG, H	28	0.15	1065	26.2
			True Width: 0 m	Secondaries: wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		66	37.4	0.13	129
Sampled By: TKB 15-Jun-07	cps 1800							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839721 Wernecke	Grid North: UTM 7201031.09 N	Grid East: UTM 534836.42 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 3%HS, 5%MG, 1%CP	25	0.08	148	12.8
			True Width: 0 m	Secondaries: mHE, wMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		54.6	34.5	0.02	65.8
Sampled By: TKB 15-Jun-07	cps 2000							
839722 Wernecke	Grid North: UTM 7201036.72 N	Grid East: UTM 534836.73 E	Type: Chip	Alteration: sCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 1%PY, 5%MG	29	0.12	135.5	13.55
			True Width: 0 m	Secondaries: wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		65.4	41.2	0.05	147.5
Sampled By: TKB 15-Jun-07	cps 1300							
839723 Wernecke	Grid North: UTM 7201040.43 N	Grid East: UTM 534835.79 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 1%PY, 5%MG, 3%HS	58	0.34	721	31.1
			True Width: 0 m	Secondaries: m MN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		62.9	43.1	0.68	100.5
Sampled By: TKB 15-Jun-07	cps 2500							
839724 Wernecke	Grid North: UTM 7201039.61 N	Grid East: UTM 534838.13 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 10%MG, 1%PY, 3%HS	87	0.24	1000	24.3
			True Width: 0 m	Secondaries: wJA, mMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		74.6	69.9	0.36	289
Sampled By: TKB 15-Jun-07	cps 1500							
839725 Wernecke	Grid North: UTM 7201040.6 N	Grid East: UTM 534835.84 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 1%PY, 3%MG, 3%HS, CP	36	0.23	1410	41.6
			True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		46.7	59.9	0.17	22.8
Sampled By: TKB 15-Jun-07	cps 500							
839726 Wernecke	Grid North: UTM 7201040.5 N	Grid East: UTM 534831.26 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 5%MG, 2%PY, 3%HS	20	0.1	447	6.5
			True Width: 0 m	Secondaries: m MN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		94.6	72.8	0.19	134.5
Sampled By: TKB 16-Jun-07	cps 2000							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839727 Wernecke	Grid North: UTM 7201037.66 N	Grid East: UTM 534832.77 E	Type: Chip	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 15%MG, 5%HS, 1%PY	14	0.14	420	13.5
			True Width: 0 m	Secondaries: m MN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		63.6	43.5	0.28	159
Sampled By: TKB 16-Jun-07	cps 1500							
839728 Wernecke	Grid North: UTM 7201034.12 N	Grid East: UTM 534831.94 E	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 3 m	Metallics: 10%MG, 2%PY, 5%HS	14	0.09	351	8.98
			True Width: 0 m	Secondaries: mHE, mMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		69.6	52.6	0.08	77.7
Sampled By: TKB 16-Jun-07	cps 1500							
839729 Wernecke	Grid North: UTM 7201034.22 N	Grid East: UTM 534821.52 E	Type: Chip	Alteration: mCL, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 5 m	Metallics: 1%CP, 5%PY, 5%MG, HE	83	0.29	3570	4.49
			True Width: 0 m	Secondaries: wMC, wMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		52.1	66.6	0.41	37.3
Sampled By: TKB 16-Jun-07	cps 800							
839730 Wernecke	Grid North: UTM 7201035.42 N	Grid East: UTM 534804.13 E	Type: Chip	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 2 m	Metallics: 3%PY, 2%CP, 10%MG	495	1.18	9920	46.8
			True Width: 0 m	Secondaries: mHE, wAZ, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		59.7	36.8	2.47	153.5
Sampled By: TKB 16-Jun-07	cps 1400							
839731 Wernecke	Grid North: UTM 7201027.19 N	Grid East: UTM 534802.67 E	Type: Chip	Alteration: wCL, mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp: 2 m	Metallics: 5%MG, 1%CP	6	0.03	141	1.55
			True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolostone		15.3	13.2	0.07	21.6
Sampled By: TKB 16-Jun-07	cps 600							
839732 Wernecke	Grid North: UTM 7200891.39 N	Grid East: UTM 534680.16 E	Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp:	Metallics: 60%MG, 20%HS, 1%CP	92	0.8	4160	41.6
			True Width: 0 m	Secondaries: wAZ, wJA, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomitic siltstone and massive magnetite		44.3	71.8	1.03	12.7
Sampled By: TKB 17-Jun-07	cps 275							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839733 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200874.72	N	UTM 534620.18	E	Strike Length Exp:	Metallics: 30%MG, 10%HS, 1%CP	147	1.02	2230	56.6
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: wMC, wMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : massive magnetite		53	88.6	3.14	54.4
Sampled By: TKB 17-Jun-07	cps 500									
839734 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200856.6	N	UTM 534586.15	E	Strike Length Exp:	Metallics: 50%MG, 15%HS, CP	93	0.43	1650	28.8
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : massive magnetite		47.8	99	2.29	22.4
Sampled By: TKB 17-Jun-07	cps 400									
839735 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200831.74	N	UTM 534545.59	E	Strike Length Exp:	Metallics: 50%MG, 8%HS, CP	104	0.23	50.9	17.05
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		30.8	82.2	0.45	129.5
Sampled By: TKB 17-Jun-07	cps 800									
839736 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: wCL, wKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200791.34	N	UTM 534497.27	E	Strike Length Exp:	Metallics: 35%MG, 1%PY	93	0.3	62.2	34.7
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		49.6	221	1.03	35.3
Sampled By: TKB 17-Jun-07	cps 600									
839737 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL, mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200770.93	N	UTM 534685.53	E	Strike Length Exp:	Metallics: 5%MG, 3%HS, PY	32	0.19	187	13.55
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: w MN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : cloritic siltstone		43.2	48.7	0.22	128
Sampled By: TKB 17-Jun-07	cps 1200									
839738 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200795.98	N	UTM 534705.94	E	Strike Length Exp:	Metallics: 5%MG, 1%PY, CP	1755	6.83	4740	374
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: mMC, wMN, wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		41.2	35.7	0.72	274
Sampled By: TKB 17-Jun-07	cps 1000									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839739 Wernecke
Grid North: UTM 7202011.38 N | Grid East: UTM 534402.13 E | Elevation | Sample Width: 0 m
Type: Float | Strike Length Exp: | True Width: 0 m | Host : metasomatised sed. rocks
Alteration: wKF | Metallics: 5% Brannerite | Secondaries: wMC, mMN
Sampled By: TKB | cps 10000

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.52	107	9.79
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3	6.9	1.31	4400

839740 Wernecke
Grid North: UTM 7200757.08 N | Grid East: UTM 534634.68 E | Elevation | Sample Width: 0.3 m
Type: Grab | Strike Length Exp: 2 m | True Width: 0.3 m | Host : mag-carb dolomite
Alteration: sCL, mCA | Metallics: 10%MG, 1%CP, 1%HS | Secondaries: wMC
Sampled By: TKB | cps 1500

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
97	5.34	4300	216
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
59.3	71.8	0.77	820

839741 Wernecke
Grid North: UTM 0 N | Grid East: UTM 0 E | Elevation | Sample Width:
Type: | Strike Length Exp: | True Width: | Host :
Alteration: | Metallics: | Secondaries:
Sampled By: TKB 22-Jun-07 | BLANK

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.02	4.4	0.56
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
0.2	0.1	0.01	0.8

839742 Wernecke
Grid North: UTM 7201001.12 N | Grid East: UTM 534869.53 E | Elevation | Sample Width: 0.5 m
Type: Grab | Strike Length Exp: 1 m | True Width: 0.5 m | Host : dolomite
Alteration: mCL | Metallics: 2%CP, 10%HS, 5%MG | Secondaries: wAZ, mMC
Sampled By: TKB | cps 1400

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1460	2.07	12600	385
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
49.9	955	17.65	76.2

839743 Wernecke
Grid North: UTM 7200183.17 N | Grid East: UTM 534191.84 E | Elevation | Sample Width: 3 m | Vein 085°/65°
Type: Chip | Strike Length Exp: 6 m | True Width: 6 m | Host : quartz
Alteration: | Metallics: | Secondaries:
Sampled By: TKB | cps 175

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.3	59.5	4.73
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.6	4.7	2.32	6.3

839744 Wernecke
Grid North: UTM 7200209.83 N | Grid East: UTM 534168.52 E | Elevation | Sample Width: 3 m | Vein 085°/65°
Type: Chip | Strike Length Exp: 6 m | True Width: 6 m | Host : quartz
Alteration: | Metallics: | Secondaries:
Sampled By: SB | cps 180

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	0.2	89.9	3.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.6	28.3	1.83	3.4

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839745 Wernecke

Grid North: UTM 7200452.66 N | Grid East: UTM 534052.73 E | Elevation | Sample Width: 3 m | Fault 170°/78°

Type: Chip | Strike Length Exp: 15 m | True Width: 5 m | Host : silicified siltstone

Alteration: sSI | Metallics: 5%PY | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.23	21.7	7.96
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	111	7.26	1

Sampled By: TKB

cps 200

839746 Wernecke

Grid North: UTM 7200480.98 N | Grid East: UTM 534052.73 E | Elevation | Sample Width: 3 m | Fault 170°/85°

Type: Chip | Strike Length Exp: 15 m | True Width: 5 m | Host : silicified silstone

Alteration: sSI | Metallics: 5%PY, CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
69	1.11	68.7	65.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.4	34.8	26.1	2.2

Sampled By: SB

cps 200

839747 Wernecke

Grid North: UTM 7196274.18 N | Grid East: UTM 541098.57 E | Elevation | Sample Width: 0.3 m | Fault 330°/60°

Type: Grab | Strike Length Exp: 5 m | True Width: 0.8 m | Host : silicified and gossanous shale

Alteration: m Fe-CB, mQZ | Metallics: 3%CP | Secondaries: mMC, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	2.23	15700	0.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.4	8.1	1.72	2.3

Sampled By: TKB

cps 200

839748 Wernecke

Grid North: UTM 7196343.49 N | Grid East: UTM 541263.66 E | Elevation | Sample Width: 0.5 m

Type: Grab | Strike Length Exp: | True Width: 1 m | Host : shale

Alteration: wQZ | Metallics: 2%CP | Secondaries: mMC, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
49	1.67	3740	0.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.1	13.8	3.12	13.6

Sampled By: TKB

cps 400

839749 Wernecke

Grid North: UTM 7200083 N | Grid East: UTM 544823 E | Elevation | Sample Width: 3 m | Fault 325°/64°

Type: Chip | Strike Length Exp: 20 m | True Width: 8 m | Host : altered siltstone

Alteration: sCL, sQZ, sLI | Metallics: 0.5%CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	1.74	1040	3.93
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.1	14.4	4.42	4.8

Sampled By: TKB
07-Sep-07

Occurs in a shear zone. chalcopyrite present in tine veinlets on the south side of the sheer.

839750 Wernecke

Grid North: UTM 7202567.07 N | Grid East: UTM 542569.98 E | Elevation | Sample Width: 0.5 m

Type: Grab | Strike Length Exp: 1 m | True Width: 1 m | Host : mudstone

Alteration: w Fe-CB | Metallics: HS, MG, PY | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.13	21.8	1.09
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.8	7.6	0.38	2.5

Sampled By: TKB
07-Nov-07

cps 160

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839751 Wernecke

Grid North: UTM 7202599 N
Elevation
Bedding 289°/76°
Grid East: UTM 535854 E
Sample Width: 15 m
Type: Grab
Strike Length Exp: 20 m
True Width: 10 m
Host : cherty dolomite
Alteration: mSI, mKF, mDO
Metallics: 2%PY, 1%CP, BO
Secondaries: m MN, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	4.1	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.8	54.3	0.36	3.1

Sampled By: JMM 23-Jul-07
Rusty weathering veins of dolomite + Fe carbonate (?) < 0.5mm thick.

839752 Wernecke

Grid North: UTM 7202694.28 N
Elevation
Grid East: UTM 535964.32 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : laminated siltstone
Alteration:
Metallics: 3%PY, CP
Secondaries: m MN, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	118.5	1.25
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
38.7	13.9	0.87	4.1

Sampled By: JMM 24-Jul-07
Fracture controlled scintillometer = 246.

839753 Wernecke

Grid North: UTM 7202855 N
Elevation
Grid East: UTM 535742 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : strongly silicified
Alteration: sSI, wCL
Metallics: 2%PY
Secondaries: sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.01	14	25.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.8	8	0.09	0.9

Sampled By: JMM 24-Jul-07
cps 272

839754 Wernecke

Grid North: UTM 7202705 N
Elevation
Grid East: UTM 535883 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : strongly silicified siltstone
Alteration: sSI
Metallics: 30%PY
Secondaries: mJA, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
67	1.08	815	244
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
100.5	155	12.15	6.8

Sampled By: JMM 25-Jul-07
cps 180

839755 Wernecke

Grid North: UTM 7202703 N
Elevation
Grid East: UTM 535882 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration: wSI
Metallics: 2%PY, CP
Secondaries: wMC, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.79	3160	4.03
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.9	48.1	0.42	7.8

Sampled By: JMM 25-Jul-07
cps 202

839756 Wernecke

Grid North: UTM 7200265.22 N
Elevation
Bedding
Grid East: UTM 533974.36 E
Sample Width: 1 m
Type: Grab
Strike Length Exp: 5 m
True Width: 1 m
Host : laminated siltstone
Alteration: wSI, wMS
Metallics: 1%HS
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	16.5	1.38
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.9	7.9	0.16	6.5

Sampled By: JMM 28-Jul-07
cps 210

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839757 Wernecke

Grid North: UTM 7200199.29 N
Elevation
Grid East: UTM 534007.89 E
Sample Width: 0.2 m
Type: Select
Strike Length Exp:
True Width: 0.2 m
Host : laminated siltstone
Alteration: wCL
Metallics: 1%HS
Secondaries: mJA, mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	85.5	0.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.7	14.4	0.11	13.1

Sampled By: JMM
28-Jul-07
cps 330

839758 Wernecke

Grid North: UTM 7200178.15 N
Elevation
Grid East: UTM 534343.31 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomitic siltstone
Alteration: mDO, wSI
Metallics: 3%PY, CP
Secondaries: mMC, wER, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
332	1.19	3710	5.13
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
72.5	500	3.38	5.5

Sampled By: DK
29-Jul-07
cps 159

839759 Wernecke

Grid North: UTM 7200174.32 N
Elevation
Grid East: UTM 534329.07 E
Sample Width: 0 m
Type: Float + Grab
Strike Length Exp:
True Width: 0 m
Host : silicified siltstone
Alteration: sSI, mMS
Metallics:
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
48	3.06	439	125.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.2	8.1	20.9	4000

Sampled By: DK
29-Jul-07
cps 10000

839760 Wernecke

Grid North: UTM 7199881.3 N
Elevation
Grid East: UTM 533851.11 E
Sample Width: 0.2 m
Type: Grab
Strike Length Exp:
True Width: 0.2 m
Host : laminated siltstone
Alteration: mMS, wCA, wQZ
Metallics: 1%HS
Secondaries: w MN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	23.6	1.02
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.8	2.2	0.15	17.3

Sampled By: JMM
29-Jul-07
cps 221

839761 Wernecke

Grid North: UTM 7199737.65 N
Elevation
Grid East: UTM 533881.83 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: mCL, wDO
Metallics: PY, CP, HS
Secondaries: wMC, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.02	163.5	2.67
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.7	9.7	0.27	12.5

Sampled By: JMM
29-Jul-07
cps 308

839762 Wernecke

Grid North: UTM 7200183.36 N
Elevation
Vein 343°/60°
Grid East: UTM 534418.3 E
Sample Width: 30 m
Type: Select
Strike Length Exp: 1 m
True Width: 30 m
Host : dolomite
Alteration: mMS, mQZ
Metallics: 2%Pitchblende
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	10.5	1.88
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.5	5.6	0.07	270

Sampled By: JMM
06-Feb-07
cps 700

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839763 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wCL, mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200487.59 N	UTM 534793.9 E	Strike Length Exp:	Metallics: 5%PY, 1%CP	27	0.21	821	4.57
	Elevation	Sample Width: 0.2 m	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : altered siltstone		49.3	135.5	1.03	37.5
Sampled By: JMM 06-Sep-07	cps 350							
839764 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sDO, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200482.2 N	UTM 534857.52 E	Strike Length Exp: 30 m	Metallics: 2%CP, 1%PY	10100	3.74	5180	0.84
	Elevation	Sample Width: 0.4 m	True Width: 0.3 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Bedding 318°/64°		Host : altered siltstone		19	90.2	0.69	1.1
Sampled By: JMM 06-Sep-07	cps 130							
839765 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCL, mDO, wCA	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200546.22 N	UTM 534809.22 E	Strike Length Exp:	Metallics: 2%PY	105	2.01	91.3	118.5
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		16	40.7	7.55	470
Sampled By: JMM 06-Sep-07	cps 700							
839766 Wernecke	Grid North:	Grid East:	Type: Float + Grab	Alteration: sKF, wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201057.35 N	UTM 534760.96 E	Strike Length Exp:	Metallics: 20%MG, 10%HS, 2%PY	71	1.73	4000	279
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : altered dolomite/siltstone		33.1	37	1.52	1200
Sampled By: JMM 06-Nov-07	cps 1000							
839767 Wernecke	Grid North:	Grid East:	Type:	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 0 N	UTM 0 E	Strike Length Exp:	Metallics:	5	0.02	14.3	0.63
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		0.4	0.6	<0.01	1.6
Sampled By: JMM 06-Nov-07	BLANK							
839768 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: mCL, mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201025.24 N	UTM 534827.57 E	Strike Length Exp:	Metallics: 5%MG, 2%PY, CP	101	3.14	3390	690
	Elevation	Sample Width: 0.3 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : altered siltstone/dolomite		52.7	133	2.84	2200
Sampled By: JMM 06-Nov-07	cps 5300							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839769	Grid North:		Grid East:		Type: Grab	Alteration: mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200417.91	N	UTM 534637.96	E	Strike Length Exp: 3 m	Metallics: 15%CP, 2%HS	247	3.27	31100	4.52
	Elevation		Sample Width: 1	m	True Width: 1 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : quartz carbonate		17.7	43.2	2.69	2.1
Sampled By: SB	cps 130									
839770	Grid North:		Grid East:		Type: Grab	Alteration: mCL, w Fe-CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200889.53	N	UTM 534624.69	E	Strike Length Exp: 1 m	Metallics: 10%MG, PY	815	1.16	4790	59.9
	Elevation		Sample Width: 0.3	m	True Width: 0.3 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : breccia		39.3	41.4	6.92	71.8
Sampled By: SB	cps 1400									
839771	Grid North:		Grid East:		Type: Float + Chip	Alteration: sCL, w Fe-CB, PF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7201021.36	N	UTM 534818.9	E	Strike Length Exp:	Metallics: CP, 10%MG, 5%HS	5	0.05	422	1.4
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wMC, wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : breccia		19.6	16.6	0.12	59.4
Sampled By: SB	cps 1000									
839772	Grid North:		Grid East:		Type: Float + Chip	Alteration: s HE, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200961.39	N	UTM 534770.59	E	Strike Length Exp:	Metallics: 15%MG, 5%HS	79	0.11	1940	4.88
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		135°/0°			Host : breccia		34.7	38.5	2.06	11.2
Sampled By: SB	cps 300									
839773	Grid North:		Grid East:		Type: Chip	Alteration: sSI, sCY	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200390.6	N	UTM 533987.75	E	Strike Length Exp: 3 m	Metallics:	35	0.43	43	80.1
	Elevation		Sample Width: 3	m	True Width: 0.8 m	Secondaries: mLI	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : mudstone		18.2	20	7.83	15.3
Sampled By: SB	cps 500									
839774	Grid North:		Grid East:		Type: Float	Alteration: sCA	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200956	N	UTM 534991	E	Strike Length Exp:	Metallics: 35%MG	<5	0.13	66	46.2
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolostone		28.3	12.9	1.16	6.1
Sampled By: SB 27-Jun-07	Talus									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839775 Wernecke

Grid North: UTM 7200952 N | Grid East: UTM 535014 E | Elevation | Sample Width: 1 m | 140°/0°

Type: Grab | Strike Length Exp: 2 m | True Width: 8 m | Host : silica

Alteration: sQZ | Metallics: PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	116.5	1.55
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.8	6.8	0.52	2.8

Sampled By: SB 27-Jun-07

Looks like silica flooding. Adjacent to semi-massive magnetite [839774].

839776 Wernecke

Grid North: UTM 7198216 N | Grid East: UTM 547815 E | Elevation | Sample Width: 0.3 m | 140°/0°

Type: Grab | Strike Length Exp: | True Width: 15 m | Host : phyllite

Alteration: wCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	10.6	1.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
38.1	4.6	0.11	6.9

Sampled By: SB 29-Jun-07

cps 450. Vulture. Possible large shear zone. Background cps 300.

839777 Wernecke

Grid North: UTM 7198166 N | Grid East: UTM 547806 E | Elevation | Sample Width: 1.2 m | 140°/0°

Type: Chip | Strike Length Exp: 1 m | True Width: 1.2 m | Host : phyllite

Alteration: sCL | Metallics: MG, CP | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
25	0.03	6.9	0.44
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
64.1	66.5	1.08	4.3

Sampled By: SB 29-Jun-07

cps 250 Locally strongly magnetic. Red oxidized weathered surface.

839778 Wernecke

Grid North: UTM 7198024 N | Grid East: UTM 547844 E | Elevation | Sample Width: 2.5 m | 140°/90°

Type: Chip | Strike Length Exp: 20 m | True Width: 2.5 m | Host : phyllite

Alteration: mCL | Metallics: PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	2.2	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
48.1	11	0.05	6.5

Sampled By: SB 29-Jun-07

cps 450 Background 300 cps. Moderate shear.

839779 Wernecke

Grid North: UTM 7198008 N | Grid East: UTM 547793 E | Elevation | Sample Width: 2 m | 180°/60°

Type: Chip | Strike Length Exp: 30 m | True Width: 3 m | Host : phyllite

Alteration: mCL | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	9.3	0.66
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
34.9	13.2	0.05	5.3

Sampled By: SB 29-Jun-07

cps 40 - weakly anomalous. Gps accuracy 15m. Phyllites folded.

839780 Wernecke

Grid North: UTM 7197834 N | Grid East: UTM 547921 E | Elevation | Sample Width: 0.2 m | 140°/0°

Type: Grab | Strike Length Exp: | True Width: 0 m | Host : phyllite

Alteration: wCL | Metallics: 10%MG, PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	3.8	1.24
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.4	5	0.16	7.8

Sampled By: SB 29-Jun-07

1 cm magnetite veinlets. Gps accuracy 22m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839781 Wernecke

Grid North: UTM 7197812 N | Grid East: UTM 548078 E | Elevation | Sample Width: 0.5 m | True Width: 4 m | Host : phyllite

Type: Chip | Strike Length Exp: | Alteration: mCL | Metallics: 20%MG | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	5.4	0.38
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.2	12.7	0.24	2.1

Sampled By: SB 29-Jun-07

Banded magnetite [1 cm scale]. Weakly folded. cps at background.

839782 Wernecke

Grid North: UTM 7202143.08 N | Grid East: UTM 533948.78 E | Elevation | Sample Width: 0 | True Width: 0 | Host : dolomite

Type: Float | Strike Length Exp: | Alteration: mCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.34	42.1	3.08
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.6	2.1	0.16	90.1

Sampled By: SB 06-Jul-07

cps 450

839783 Wernecke

Grid North: UTM 7201927.49 N | Grid East: UTM 533916.58 E | Elevation | Sample Width: 0 | True Width: 0 | Host : chert

Type: Float | Strike Length Exp: | Alteration: sSI | Metallics: 1%HS | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	22.4	6.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5	3.5	0.26	4.8

Sampled By: SB 06-Jul-07

cps 200

839784 Wernecke

Grid North: UTM 7201862.43 N | Grid East: UTM 534096.23 E | Elevation | Sample Width: 0 | True Width: 0 | Host : chert

Type: Float | Strike Length Exp: | Alteration: sSI, wMS | Metallics: | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.14	16	3.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.7	15.8	0.12	5.8

Sampled By: SB 06-Jul-07

cps 2000

839785 Wernecke

Grid North: UTM 7191023 N | Grid East: UTM 557110 E | Elevation | Sample Width: | True Width: | Host : heterolithic breccia,m

Type: Float | Strike Length Exp: | Alteration: mCL, mCA, wSI | Metallics: 0.3%PY, 0.5%SP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.16	12.6	2.07
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.9	25.3	0.25	8.6

Sampled By: SB 07-Jul-07

cps 400 Float/subcrop on north facing slope.

839786 Wernecke

Grid North: UTM 7191329 N | Grid East: UTM 572500 E | Elevation | Sample Width: 0.5 m | True Width: | Host : heterolithic breccia,m

Type: Chip | Strike Length Exp: 20 m | Alteration: wCA, wSI | Metallics: 1%HS | Secondaries: wAZ, wHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
12	3.56	1850	1.04
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.9	38.3	31	22.8

Sampled By: SB 07-Jul-07

cps 500 at "Leached" contact with Pinguicula Group basal sandstone.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839787 Wernecke

Grid North: UTM 7191304 N | Grid East: UTM 572250 E | Elevation | Sample Width: 1.5 m | 170°/80°

Type: Chip | Strike Length Exp: | True Width: 1.5 m | Host : shale

Alteration: sSI, wMS | Metallics: | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	30.6	1.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.6	74.4	0.25	2.8

Sampled By: SB 07-Jul-07

cps 180. Looks like quartz vein material brecciating sediments.

839788 Wernecke

Grid North: UTM 7200185.13 N | Grid East: UTM 534374.68 E | Elevation | Sample Width: 2.5 m | 245°/0°

Type: Chip | Strike Length Exp: 3 m | True Width: 2.5 m | Host : metasomatized sediments

Alteration: sMS, mSI, wCA | Metallics: 0.01%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
25	0.11	97.9	8.09
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.3	4.9	0.21	8

Sampled By: SB 24-Jul-07

cps 500

839789 Wernecke

Grid North: UTM 7200172.7 N | Grid East: UTM 534396.39 E | Elevation | Sample Width: 0.3 m

Type: Grab | Strike Length Exp: 0.5 m | True Width: 0 m | Host :

Alteration: sCB, mQZ, mKF | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	6.5	35.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.6	5.1	0.07	25.5

Sampled By: SB 25-Jul-07

cps 900

839790 Wernecke

Grid North: UTM 7200297.89 N | Grid East: UTM 534578.3 E | Elevation | Sample Width: 0 m | Joint 050°/65°

Type: Grab | Strike Length Exp: 5 m | True Width: 15 m | Host : dolomite

Alteration: sSI, mMS | Metallics: 0.01%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	20.4	0.58
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.1	17.8	0.12	3.4

Sampled By: SB 29-Jul-07

cps 300. Large dolomite outcrop.

839791 Wernecke

Grid North: UTM 7200420.58 N | Grid East: UTM 534614.71 E | Elevation | Sample Width: 1 m | Vein 160°/75°

Type: Chip | Strike Length Exp: 8 m | True Width: 1 m | Host : vein

Alteration: sQZ, mCA | Metallics: 0.5%CP | Secondaries: MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
44	0.19	1240	1.53
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.3	17.4	0.19	3.4

Sampled By: SB 29-Jul-07

cps 180

839792 Wernecke

Grid North: UTM 7200527 N | Grid East: UTM 534655 E | Elevation | Sample Width: 0 m

Type: Grab | Strike Length Exp: 7 m | True Width: 2 m | Host : metasomatised sed. rocks

Alteration: sCA | Metallics: 20%MG, 2%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.41	19.9	36
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
50.1	328	1.63	56

Sampled By: SB

cps 1000. Locally grades to semi-massive magnetite.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839793 Wernecke

Grid North: UTM 7196245.31 N | Grid East: UTM 553802.51 E | Type: Grab | Alteration: mSI, wQZ

Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: | Secondaries:

Bedding+Fol'n 0°/110° | Host : phyllite

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.16	74.7	0.73
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.6	5.6	0.29	3.4

Sampled By: SB

cps 400

839794 Wernecke

Grid North: UTM 7196430.62 N | Grid East: UTM 553983.09 E | Type: Grab | Alteration: sQZ

Elevation | Sample Width: 0 m | True Width: 6 m | Strike Length Exp: 20 m | Metallics: 0.5%HS | Secondaries: MC

Vein 250°/75° | Host : vein

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.18	126	0.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.4	15.5	0.07	2.9

Sampled By: SB

cps 200. Difficult to access; yellowish quartz; patchy malachite.

839795 Wernecke

Grid North: UTM 7196324.2 N | Grid East: UTM 554200.89 E | Type: Float | Alteration: sQZ

Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: 8%CP | Secondaries: MC

Host : vein

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
81	0.91	23500	2.19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.6	6.9	1.93	3.6

Sampled By: SB

cps 200. May be derived from outcrop of preceding sample; yellowish quartz cut by later bull quartz.

839796 Wernecke

Grid North: UTM 7196849.2 N | Grid East: UTM 555068.31 E | Type: Float | Alteration: wMS, wSI

Elevation | Sample Width: 15 m | True Width: 15 m | Strike Length Exp: 10 m | Metallics: 1%CP | Secondaries: MC

Host : siltstone

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	55	2.49
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.9	12.6	0.24	5.5

Sampled By: SB

cps 400. Biased towards cu-bearing pieces; limonite-stained boulders from outcrop 20m upslope; average overall cu content about 0.3 percent; trace malachite.

839797 Wernecke

Grid North: UTM 7195030.96 N | Grid East: UTM 553375.7 E | Type: Grab | Alteration: mCL, wKF. wSI

Elevation | Sample Width: 0 m | True Width: 100 m | Strike Length Exp: 300 m | Metallics: 0.5%HS | Secondaries:

Host : heterolithic breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.07	101	8.48
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
51.1	46.2	0.21	3.9

Sampled By: SB

cps 300

839798 Wernecke

Grid North: UTM 7195036.18 N | Grid East: UTM 553415.04 E | Type: Float | Alteration: sCL, wKF

Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: 2%MG, 0.3%CP, 0.3%HS | Secondaries: MC

Host : heterolithic breccia

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
17	0.16	2100	3.01
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
64.2	56.6	0.46	2.1

Sampled By: SB

cps 250. Select float, not representative, 1 percent of float.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839799 Wernecke

Grid North: UTM 7195015.4 N | Grid East: UTM 553509.13 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : heterolithic breccia | Alteration: sCL, wSI, wCA, wKF | Metallics: 4%MG, 1%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	17.9	8.26
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.5	72	0.1	3.9

Sampled By: SB

cps 300. Base of cliff.

839800 Wernecke

Grid North: UTM 7199974.04 N | Grid East: UTM 533623.74 E | Elevation | Sample Width: 0.4 m | Type: Grab | Strike Length Exp: 1 m | True Width: 0 m | Host : heterolithic breccia | Alteration: sCL, sKF, wCA | Metallics: 1%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.2	12.8	0.92
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
38.5	28.8	2.11	9.1

Sampled By: SB
06-Aug-07

cps 600 yellowish weathering; zone within outcrop of reddish Wernecke breccia.

839801 Wernecke

Grid North: UTM 7212718.56 N | Grid East: UTM 529079.69 E | Elevation | Sample Width: 0.25 m | Type: Grab | Strike Length Exp: | True Width: 0.25 m | Host : sediments | Alteration: mCL | Metallics: 6%HS | Secondaries: mHE, mJA, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	132.5	0.49
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.8	7.8	0.19	2.9

Sampled By: TB

Grab from outcrop below breccia contact. Specular and quartz stringers and pods.

839802 Wernecke

Grid North: UTM 7212763.11 N | Grid East: UTM 529096.83 E | Elevation | Sample Width: 2 m | Type: Grab | Strike Length Exp: | True Width: 2 m | Host : breccia | Alteration: mCL wCY | Metallics: 6%HS | Secondaries: wHE, wJA, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	28.2	0.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.5	5.1	0.05	1.6

Sampled By: TB

Sample outcrop at contact zone. Quartz stockwork.

839803 Wernecke

Grid North: UTM 7212786.79 N | Grid East: UTM 529122.71 E | Elevation | Sample Width: 2 m | Type: Grab | Strike Length Exp: | True Width: 2 m | Host : breccia | Alteration: mCL wCY | Metallics: 8%HS, PY | Secondaries: mHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	7.6	0.69
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20	6.4	0.05	1.4

Sampled By: TB

Sample along sedimentary breccia contact. Some quartz stockwork.

839804 Wernecke

Grid North: UTM 7212835.14 N | Grid East: UTM 529069.95 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : breccia | Alteration: wCL, wCY | Metallics: 6%HS, PY | Secondaries: mHE, mJA, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.05	74.5	2.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.5	5.4	0.77	2.9

Sampled By: TB

Sample in 2-3m wide breccia body minor quartz breccia.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839805 Wernecke

Grid North: UTM 7213107.7 N | Grid East: UTM 527458.54 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: wCL | Metallics: 4%HS | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	2.8	0.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.1	9.4	0.1	4.1

Sampled By: TB — Sample banded sericite in talus.

839806 Wernecke

Grid North: UTM 7213120.31 N | Grid East: UTM 527464.64 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: wCL | Metallics: 6%HS | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	4.2	0.92
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10	1.4	0.09	5.9

Sampled By: TB — Quartz stringers with specular hematite in sediment talus.

839807 Wernecke

Grid North: UTM 7213024.97 N | Grid East: UTM 527807.4 E | Elevation | Sample Width: 0.25 m | Type: Grab | Strike Length Exp: | True Width: 0.25 m | Host : sediments | Alteration: sCL | Metallics: 8%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	1.9	0.31
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.4	11.1	0.07	1.4

Sampled By: TB — Small area of higher background cps (250) 3m north of 286768.

839808 Wernecke

Grid North: UTM 7213034 N | Grid East: UTM 527818 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sCL | Metallics: 12%HS | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.21	39.8	3.07
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
38.6	7.5	0.75	2600

Sampled By: TB — Sample football size talus rock of jasper with hematite banding with brannerite. cps 5000.

839809 Wernecke

Grid North: UTM 7212772 N | Grid East: UTM 526879 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: wCL | Metallics: 6%HS, PY | Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.16	77.1	6.78
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.7	40.2	0.75	2.5

Sampled By: TB — Quartz stringers with specular hematite in sediment talus.

839810 Wernecke

Grid North: UTM 7211982.58 N | Grid East: UTM 526591.13 E | Elevation | Sample Width: 0.3 m 105°/70° | Type: Grab | Strike Length Exp: 2 m | True Width: 0.3 m | Host : phyllites | Alteration: wHE | Metallics: 15%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	3.8	0.66
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.9	1.1	0.05	2.7

Sampled By: TB — Sample bull quartz vein crosscutting bedding.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839811 Wernecke

Grid North: UTM 7212045.34 N | Grid East: UTM 526670.71 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : phyllites | Alteration: mMS | Metallics: 3%HS | Secondaries: wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	4.1	1.04
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.2	7.4	0.07	1.1

Sampled By: TB — Quartz talus with banded sericite.

839812 Wernecke

Grid North: UTM 7211814.71 N | Grid East: UTM 527279.84 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : banded seds | Alteration: sCL | Metallics: | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	7.4	0.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35.9	6.9	0.26	700

Sampled By: TB — Mellon size float dug out of sidehill dowm slope of showing runs 1200 cps.

839813 Wernecke

Grid North: UTM 7211822.33 N | Grid East: UTM 527304.03 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : phyllites | Alteration: mMS | Metallics: 2%HS, 7%MG | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	33	6.26
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
62.8	19.6	0.13	3.4

Sampled By: TB — Sample some good magnetite with quartz stringers 20 m upslope from 812.

839814 Wernecke

Grid North: UTM 7211975.5 N | Grid East: UTM 527325.3 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : phyllites | Alteration: mMS | Metallics: 5%HS, 7%MG | Secondaries: wHE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	28.7	0.77
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.7	9.9	0.03	2.6

Sampled By: TB — Sample more sericite and magnetite in sidehill talus.

839815 Wernecke

Grid North: UTM 7189514.21 N | Grid East: UTM 563902.09 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : quartz | Alteration: | Metallics: 3%HS, PY | Secondaries: wHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.13	7.8	1.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6	1.7	0.02	1.1

Sampled By: TB — Glassy, sugary quartz float in dolomite talus.

839816 Wernecke

Grid North: UTM 7202448.1 N | Grid East: UTM 535709.46 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: QZ | Metallics: 5%HS | Secondaries: sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.3	2.4	11.55
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
1.2	2.6	1.67	1.8

Sampled By: TB — Sample frothy quartz float on sidehill. Only one of these rocks here.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839817 Wernecke

Grid North: UTM 7202462.86 N | Grid East: UTM 535686.7 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: | Metallics: 5%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.06	1.4	1.98
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.1	34.9	0.19	3.2

Sampled By: TB — Sample subcrop.

839818 Wernecke

Grid North: UTM 7202468.04 N | Grid East: UTM 535674.9 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: mCL | Metallics: 10%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	1	1.72
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.1	41.7	0.12	3.7

Sampled By: TB — 10m upslope from 81, sample more breccia subcrop.

839819 Wernecke

Grid North: UTM 7202476.49 N | Grid East: UTM 535669.04 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : dolomite | Alteration: sCB | Metallics: 2%CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
34	0.2	1765	7.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.5	26.2	0.45	2.4

Sampled By: TB — Sample 1 rock in talus.

839820 Wernecke

Grid North: UTM 7202490.31 N | Grid East: UTM 535663.8 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	5	1.45
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.5	24.4	0.23	3

Sampled By: TB — Grab over 1m in subcrop boulders.

839821 Wernecke

Grid North: UTM 7202662 N | Grid East: UTM 535680 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sMS | Metallics: 6%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.1	22.7	5.46
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
57.1	70.9	0.43	3.4

Sampled By: TB — On contact between black shales and breccia. Sample breccia float with good pyrite-subcrop.

839822 Wernecke

Grid North: UTM 7202694.75 N | Grid East: UTM 535671.36 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sMS | Metallics: 25%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.19	7.6	0.75
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
65	141.5	1.06	1.5

Sampled By: TB — Sample more breccia closer to sediment contact with good pyrite. Subcrop.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839823 Wernecke

Grid North: UTM 7202810.3 N
Elevation
Grid East: UTM 535712.34 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : breccia
Alteration: sCL
Metallics: 3%HS
Secondaries: sGE, sJA, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.61	2110	0.67
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
57.4	185.5	0.46	123

Sampled By: TB
More good pyrite in breccia at shale/breccia contact.

839824 Wernecke

Grid North: UTM 7202822 N
Elevation
Grid East: UTM 535788 E
Sample Width: 0.2 m
140°/80° NE
Type: Grab
Strike Length Exp: 1 m
True Width: 0.2 m
Host : sediments
Alteration: QTZ
Metallics: 1%BO, 5%PY
Secondaries: sGE, sJA, sHE, mMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	269	2.32
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
55.3	44.9	0.62	5.2

Sampled By: TB
Sample small quartz vein possible bornite.

839825 Wernecke

Grid North: UTM 7202806.64 N
Elevation
Grid East: UTM 535785.29 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : breccia
Alteration: sMS
Metallics: CPY, 9%PY, 3%HS
Secondaries: sGE, sJA, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	15.9	0.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
50.3	104	0.47	4.5

Sampled By: TB
Sample good pyrite in small 20 by 20m breccia body.

839826 Wernecke

Grid North: UTM 7202784.99 N
Elevation
Grid East: UTM 535816.64 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0.5 m
Host : breccia
Alteration: sMS
Metallics: 3%HS, 18%PY
Secondaries: sGE, sJA, sHE, mMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
35	0.06	7.2	29.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
521	264	3.58	5

Sampled By: TB
Sample more pyrite in breccia outcrop.

839827 Wernecke

Grid North: UTM 7202393.46 N
Elevation
Grid East: UTM 535560.66 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sCB
Metallics: 3%HS, 2%PY, CP
Secondaries: sJA, sHE, mMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	57.1	50.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.8	53.5	0.17	7.7

Sampled By: TB
Sample subcrop.

839828 Wernecke

Grid North: UTM 7202662.47 N
Elevation
Grid East: UTM 535297.76 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sCB
Metallics: 1%HS, 1%PY, 1%CP
Secondaries: sGE, sJA, sHE, mMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.1	467	3.68
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.9	10.4	0.06	1.4

Sampled By: TB
Sample subcrop on sidehill.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839829 Wernecke

Grid North: UTM 7202679.84 N | Grid East: UTM 535247.22 E | Type: Float | Alteration:
Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: beranerite | Secondaries:
Host : black shale

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	0.04	6.7	1.51
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.5	0.6	0.06	2300

Sampled By: TB

At contact between black shale and dolomite, sample beranerite on small quartz veinlets.Subcrop boulders.

839830 Wernecke

Grid North: UTM 7202680.11 N | Grid East: UTM 535248.33 E | Type: Float | Alteration: mMS
Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: beranerite | Secondaries: wGE, sJA
Host : black shale

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
19	2.61	82.3	26.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.3	0.6	0.45	1900

Sampled By: TB

5-10cm wide quartz stringers with beranerite in subcrop.

839831 Wernecke

Grid North: UTM 7202712.28 N | Grid East: UTM 535203.76 E | Type: Float | Alteration:
Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: beranerite | Secondaries:
Host : sediments

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.25	34.3	19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.8	2.8	0.19	224

Sampled By: TB

30-35m upslope from 830, sample 1% beranerite in small quartz veinlets. Sample taken from 1 rock in subcrop.

839832 Wernecke

Grid North: UTM 7202831.37 N | Grid East: UTM 535073.97 E | Type: Float | Alteration: QTZ
Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: 2%HS | Secondaries: mGE, wHE, sJA
Host : sediments

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	3.4	8.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12	6.3	0.14	3.9

Sampled By: TB

Sample subcrop in talus.10+20m cherty sediments in among dark sediments.

839833 Wernecke

Grid North: UTM 7203060.18 N | Grid East: UTM 535250.13 E | Type: Grab | Alteration: sMS
Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: 2%HS, 5%PY | Secondaries: sGE, sHE, sJA, sMN
Host : chert

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	2	3.14
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
42.5	16.5	0.15	2.4

Sampled By: TB

Sample in big gossan on ridge top .Frothy quartz in a tan colored chert with good pyrite and massive serecite.

839834 Wernecke

Grid North: UTM 7202794.91 N | Grid East: UTM 536009.9 E | Type: Float | Alteration:
Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Metallics: PY | Secondaries: wHE, wJA
Host : sediments

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.54	117.5	0.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18	6.4	4.46	1.7

Sampled By: TB

Sample sediment talus with quartz stringers.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839835 Wernecke

Grid North: UTM 7202807.74 N
Grid East: UTM 536005.47 E
Elevation
Sample Width: 0.15 m
140°/0°
Type: Grab
Strike Length Exp: 10 m
True Width: 0 m
Host : sediments
Alteration: sMS
Metallics: HS
Secondaries: wHE, wJA, wGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	32.9	0.87
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.1	11.1	0.59	2.1

Sampled By: TB
Sample from 2 quartz veins in folded black shale.

839836 Wernecke

Grid North: UTM 7202803.54 N
Grid East: UTM 536004.03 E
Elevation
Sample Width: 0.15 m
175°/80° NW
Type: Grab
Strike Length Exp: 2 m
True Width: 0.15 m
Host : sediments
Alteration: sCL
Metallics: 3%PY, CPY
Secondaries: wHE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.2	151	0.76
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.8	6.3	1.34	0.8

Sampled By: TB
10m above 835. Sample another quartz vein running with the bedding.

839837 Wernecke

Grid North: UTM 7202903.37 N
Grid East: UTM 535988.24 E
Elevation
Sample Width: 0.15 m
048°/80° NW
Type: Grab
Strike Length Exp: 2 m
True Width: 0.15 m
Host : sediments
Alteration: mCL
Metallics: 3%PY
Secondaries: mHE, mJA, mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.28	136.5	1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.9	6.6	1.84	0.4

Sampled By: TB
Sample quartz vein crosscutting bedding with pyrite and chalcopyrite. Several quartz veins from 5-20cm wide here.

839838 Wernecke

Grid North: UTM 7202910.02 N
Grid East: UTM 535988 E
Elevation
Sample Width: 0.15 m
040°/80° NW
Type: Grab
Strike Length Exp: 1 m
True Width: 0.15 m
Host : sediments
Alteration: mCL
Metallics: 2%HS
Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.24	186	0.87
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.1	4.4	1.23	0.2

Sampled By: TB
Sample another crosscutting vein 5m upslope from 837.

839839 Wernecke

Grid North: UTM 7213033.12 N
Grid East: UTM 527856.66 E
Elevation
Sample Width: 0.25 m
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration: mCL
Metallics:
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	2.2	0.59
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.7	10.7	0.24	149.5

Sampled By: TB
Above background cps in this area sample in banded sediments. Hot spots on fracture fillings. 500 cps on outcrop.

839840 Wernecke

Grid North: UTM 7213037.74 N
Grid East: UTM 527859.36 E
Elevation
Sample Width: 0.25 m
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration: mCL
Metallics:
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	11.7	0.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.3	8.1	0.4	74.1

Sampled By: TB
Higher background cps 5m north of 839. 800 cps on outcrop.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839841 Wernecke

Grid North: UTM 7213794.17 N | Grid East: UTM 528448.67 E | Elevation | Sample Width: 0
Type: Float | Strike Length Exp: | True Width: 0 | Host : breccia
Alteration: sCL | Metallics: 15%HS | Secondaries: mHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	13.1	6.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.7	4.7	0.04	4.2

Sampled By: TB — Sample breccia float in big chute with good jarosite.

839842 Wernecke

Grid North: UTM 7213938.06 N | Grid East: UTM 528547.43 E | Elevation | Sample Width: 0.5 m
Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : sediments
Alteration: | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	<0.2	0.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
49	20.8	0.19	4.2

Sampled By: TB — Sample above background cps in seds. Below contact with breccia. 400 cps on outcrop.

839843 Wernecke

Grid North: UTM 7214085.63 N | Grid East: UTM 529187.66 E | Elevation | Sample Width: 0.5 m
Type: Grab | Strike Length Exp: | True Width: 0 | Host : sediments
Alteration: mCL | Metallics: 2%HS | Secondaries: wJA, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	158	0.51
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.9	6.8	0.05	1.9

Sampled By: TB — cps 150. Sample minor pyrite in sidehill outcrop.

839844 Wernecke

Grid North: UTM 7213773.01 N | Grid East: UTM 529058.15 E | Elevation | Sample Width: 0
Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments
Alteration: | Metallics: 2%HS | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.1	0.3	0.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.1	9.1	0.07	29.7

Sampled By: TB — cps 275. Sample subcrop on ridge with some jarosite.

839845 Wernecke

Grid North: UTM 7200208.04 N | Grid East: UTM 534691.47 E | Elevation | Sample Width: 0
Type: Float | Strike Length Exp: | True Width: 0 | Host : dolomite
Alteration: sCB | Metallics: 2%HS, 5%PY | Secondaries: sJA, sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
46	0.18	8.5	21.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.8	185.5	1.53	13.5

Sampled By: TB — cps 180. Sample quartz vein material in subcrop talus. Frothy quartz good boxwork.

839846 Wernecke

Grid North: UTM 7200199.85 N | Grid East: UTM 534680.91 E | Elevation | Sample Width: 0
Type: Float | Strike Length Exp: | True Width: 0 | Host : dolomite
Alteration: sCB | Metallics: 7%PY | Secondaries: sJA, sGE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	0.06	19.4	63.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
71.9	714	2.66	1.4

Sampled By: TB — cps 225. Sample more frothy quartz subcrop. Heaved boulders of a 20cm wide quartz vein.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839847 Wernecke

Grid North: UTM 7200157.82 N
Elevation
Grid East: UTM 534673.2 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : breccia
Alteration: sCL
Metallics: 5%PY, 5%HS
Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
27	0.16	2.3	43.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
55	151	1.34	6

Sampled By: TB
cps 110. Sample diorite? in mossy sidehill.

839848 Wernecke

Grid North: UTM 7200174.87 N
Elevation
Grid East: UTM 534604.5 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0.5 m
Host : breccia
Alteration: sCL
Metallics: 3%PY, 5%HS
Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	0.12	5.1	1.68
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
96.6	65.8	1.73	3.9

Sampled By: TB
cps 160. Sample breccia material with heavy chlorite and pyrite.

839849 Wernecke

Grid North: UTM 7200247.29 N
Elevation
Grid East: UTM 534462.22 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0
Host : breccia
Alteration: sCL
Metallics: 5%PY, 10%HS, 10%MG,
Secondaries: sGE, sHE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
162	1.13	6020	98.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
75.3	575	0.2	14.6

Sampled By: TB
cps 200. Sample breccia material with heavy chlorite and pyrite.

839850 Wernecke

Grid North: UTM 7200256.07 N
Elevation
Grid East: UTM 534456.49 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : breccia
Alteration: sCL
Metallics: 5%PY, 5%HS, 10%MG, 2
Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
325	1.04	7040	67.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
89.1	779	0.24	9.3

Sampled By: TB
cps 175 Sample magnetite banding in broken outcrop with good py=chalcopyrite.

839851 Wernecke

Grid North: UTM 7200692.01 N
Elevation
Grid East: UTM 534196.64 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : quartz
Alteration:
Metallics: 1%PY
Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.13	36.4	4.03
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.5	6	1.02	0.8

Sampled By: TB
cps 175. Big quartz boulders heaving out of sidehill with a little pyrite.

839852 Wernecke

Grid North: UTM 7200701.48 N
Elevation
Grid East: UTM 534122.64 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : breccia
Alteration: sCL
Metallics: 20%PY, 10%HS
Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
145	1.82	143.5	60
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
58.8	76.7	23.5	8.4

Sampled By: TB
cps 200. Sample good pyrite breccia talus, causing gossan on sidehill at top of creek draw.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839853 Wernecke

Grid North: UTM 7200122.69 N | Grid East: UTM 534271.73 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments | Alteration: mSI | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
19	2.59	87.3	89.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.5	24.3	15.05	2400

Sampled By: TB cps 7500. Bleached sediments with berenerite on fractures. Only one rock sampled here.(7500 cps).

839854 Wernecke

Grid North: UTM 7200118.34 N | Grid East: UTM 534274.42 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments | Alteration: mMS | Metallics: | Secondaries: wGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
32	2.02	187	108
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.6	47.1	26.1	3400

Sampled By: TB cps 5500. 3m south of across slope from 853, sample more big boulders with beranerite. Several more big boulders over 5x15m are screamers.

839855 Wernecke

Grid North: UTM 7200016.52 N | Grid East: UTM 534248.02 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments | Alteration: sCL | Metallics: 5%PY, 10%HS | Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
37	0.12	6.3	14.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
141	68.5	5.33	21.8

Sampled By: TB cps 200. Sample sediment talus with good pyrite/specular hematite on the south side of the RIO showing.

839856 Wernecke

Grid North: UTM 7199921.14 N | Grid East: UTM 534028.21 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments | Alteration: sCL | Metallics: 3%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.43	101.5	0.82
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
58.3	27.1	0.56	8.1

Sampled By: TB cps 200. Sample silica sediment talus with quartz banding and pyrite. Taken across creek from RIO showing.

839857 Wernecke

Grid North: UTM 7199922.16 N | Grid East: UTM 534021.08 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments | Alteration: sSI | Metallics: 5%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.72	32.6	1.23
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
127	57.1	0.33	3.3

Sampled By: TB cps 200. Sample more talus on sidehill across creek from RIO showing.

839858 Wernecke

Grid North: UTM 7199934.06 N | Grid East: UTM 533980.78 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : sediments | Alteration: wCL | Metallics: 3%PY, CPY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	3.51	1235	3.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
74.8	101	20.8	4.9

Sampled By: TB cps 200. More sidehill talus. Vein material?

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839859 Wernecke

Grid North: UTM 7200040.83 N
Elevation
Grid East: UTM 533770.19 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : breccia
Alteration: mCL
Metallics: 3%PY, 7%HS
Secondaries: mGE, sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.23	14.8	0.84
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
36.8	20.8	1.81	6

Sampled By: TB
Sample breccia talus some pyrite

839860 Wernecke

Grid North: UTM 7200247.14 N
Elevation
Grid East: UTM 534026.15 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : quartz
Alteration:
Metallics: 1%PY
Secondaries: wGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.47	25.7	1.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.1	5.4	1.92	2

Sampled By: TB
cps 210. Glassy quartz with strong jarosite and some sulfides.

839861 Wernecke

Grid North: UTM 7200195.21 N
Elevation
Grid East: UTM 534386.73 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : breccia
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
64	2.38	34.6	88.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.3	31.5	1.48	700

Sampled By: TB
cps 2000. So far this is the highest rock found on the sidehill

839862 Wernecke

Grid North: UTM 7200169.12 N
Elevation
Grid East: UTM 534342.74 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
64	4.87	81.1	616
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.1	97.1	2.91	810

Sampled By: TB
cps 1100 RIO Showing.

839863 Wernecke

Grid North: UTM 7200157.11 N
Elevation
Grid East: UTM 534314.34 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
63	4.61	846	118
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32	47.5	17.25	3400

Sampled By: TB

839864 Wernecke

Grid North: UTM 7200155 N
Elevation
Grid East: UTM 534314 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
13	0.86	254	21.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.9	17.7	6.36	3800

Sampled By: TB
cps 9500 RIO Showing.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839865	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200159.93	N	UTM 534310.14	E	Strike Length Exp:	Metallics:	23	1.45	121.5	35.7
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		6	9.5	10.4	2500
Sampled By: TB	cps 9800									

839866	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200163.85	N	UTM 534307.94	E	Strike Length Exp:	Metallics:	67	3.06	40.7	278
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		23.7	48.4	17.95	338
Sampled By: TB	cps 3000 RIO Showing.									

839867	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200160.64	N	UTM 534305.36	E	Strike Length Exp:	Metallics:	76	2.59	189.5	111.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		9.5	12.1	21.5	2300
Sampled By: TB	cps 9800									

839868	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200151.19	N	UTM 534314.75	E	Strike Length Exp:	Metallics:	48	3.47	612	97.6
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		10.3	9.4	14.65	4100
Sampled By: TB	RIO Showing.									

839869	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200153.05	N	UTM 534303.4	E	Strike Length Exp:	Metallics:	207	7.83	361	357
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		8	17.2	45.8	3200
Sampled By: TB	cps 8000									

839870	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200159.44	N	UTM 534301.18	E	Strike Length Exp:	Metallics:	38	1.81	237	81.2
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		8.8	8.1	10.95	2300
Sampled By: TB	cps 7000 RIO Showing.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839871	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200154	N	UTM 534298.46	E	Strike Length Exp:	Metallics:	46	2.59	548	88.3
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		16.5	27.3	21.3	3900
Sampled By: TB										
839872	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200151.59	N	UTM 534306.78	E	Strike Length Exp:	Metallics:	28	1.41	260	72.9
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		4.8	9.7	9	2100
Sampled By: TB	cps 4000 RIO Showing.									
839873	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200149.85	N	UTM 534308.04	E	Strike Length Exp:	Metallics:	57	2.73	308	66.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		79.3	82.9	17.45	2400
Sampled By: TB										
839874	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200148.42	N	UTM 534301.87	E	Strike Length Exp:	Metallics:	78	3.83	224	196.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		6.6	12.5	11.65	2300
Sampled By: TB	cps 5500 RIO Showing.									
839875	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200147.35	N	UTM 534299.14	E	Strike Length Exp:	Metallics:	120	3.79	177.5	185.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		14.1	29.1	19.1	2600
Sampled By: TB	cps 3900									
839876	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200150.28	N	UTM 534298.75	E	Strike Length Exp:	Metallics:	19	1.53	367	84
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		9.7	26.4	9.63	3200
Sampled By: TB	RIO Showing.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839877	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200149.75	N	UTM 534296.37	E	Strike Length Exp:	Metallics:	21	1.91	339	65.2
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		8.7	21.1	10.9	2700
Sampled By: TB	cps 4300									

839878	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200147.03	N	UTM 534289.62	E	Strike Length Exp:	Metallics:	29	2.87	778	67.1
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		4.7	5.3	16.25	5100
Sampled By: TB	RIO Showing.									

839879	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200143	N	UTM 534285	E	Strike Length Exp:	Metallics:	53	2.48	356	111.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		18.5	42.5	23.2	3800
Sampled By: TB										

839880	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200147.75	N	UTM 534284.71	E	Strike Length Exp:	Metallics:	45	2.12	54.8	146
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		32.8	101	15.4	790
Sampled By: TB	cps 6000 RIO Showing.									

839881	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200151.1	N	UTM 534281.31	E	Strike Length Exp:	Metallics:	51	2.75	99.3	179.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		1.6	1.6	5.15	1300
Sampled By: TB	cps 2100									

839882	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200144.09	N	UTM 534286.12	E	Strike Length Exp:	Metallics:	76	2.9	151.5	150
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		9.8	20.7	14.45	1500
Sampled By: TB	RIO Showing.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839883 Wernecke

Grid North: UTM 7200143.67 N
Elevation
Grid East: UTM 534286 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
48	3.37	211	171.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
43.5	112.5	22.2	1700

Sampled By: TB
cps 3000

839884 Wernecke

Grid North: UTM 7200132.03 N
Elevation
Grid East: UTM 534281.05 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
28	2.06	298	64.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.4	25.9	13.15	3400

Sampled By: TB
cps 1800 RIO Showing.

839885 Wernecke

Grid North: UTM 7200130.97 N
Elevation
Grid East: UTM 534272.99 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
67	4.73	139.5	180
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.6	22.7	37.4	1900

Sampled By: TB
cps 2000

839886 Wernecke

Grid North: UTM 7200119 N
Elevation
Grid East: UTM 534270 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
77	4.33	246	193.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.3	6.6	45.5	4000

Sampled By: TB
cps 1800 RIO Showing.

839887 Wernecke

Grid North: UTM 7200121.38 N
Elevation
Grid East: UTM 534269.12 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
23	1.45	120	59.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.2	6.5	16.95	3200

Sampled By: TB
cps 8700

839888 Wernecke

Grid North: UTM 7200120.4 N
Elevation
Grid East: UTM 534273.06 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	1.33	110	62.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.9	15.9	16	2600

Sampled By: TB
cps 5300 RIO Showing.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839889	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200112.38	N	UTM 534269.2	E	Strike Length Exp:	Metallics:	19	1.62	142	38.4
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		10.8	13	7.78	1800
Sampled By: TB	cps 7500									

839890	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200125.11	N	UTM 534254	E	Strike Length Exp:	Metallics:	52	3.13	99.1	220
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		3.9	6	5.45	1800
Sampled By: TB	cps 3600 RIO Showing.									

839891	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200121.1	N	UTM 534250.46	E	Strike Length Exp:	Metallics:	15	0.58	162	18.1
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		2	2.4	2.78	1400
Sampled By: TB	cps 2000									

839892	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200109.16	N	UTM 534262.63	E	Strike Length Exp:	Metallics:	22	2.16	150.5	98.5
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		17.9	36.3	13.6	3200
Sampled By: TB	cps 5500 RIO Showing.									

839893	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200154.03	N	UTM 534331.05	E	Strike Length Exp:	Metallics:	39	2.5	283	49.7
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		6.5	3.9	1.03	1700
Sampled By: TB	cps 2400									

839894	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7200123.5	N	UTM 534266.37	E	Strike Length Exp:	Metallics:	21	0.37	69.3	43.3
	Elevation		Sample Width: 0		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		3.5	6.5	1.99	740
Sampled By: TB	cps 4000 RIO Showing.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839895 Wernecke

Grid North: UTM 7200114.56 N
Elevation
Grid East: UTM 534256.08 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	1.68	176.5	66.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.3	4.6	16.8	3300

Sampled By: TB

839896 Wernecke

Grid North: UTM 7200102.32 N
Elevation
Grid East: UTM 534257.54 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
38	2.28	298	61.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20	51.3	20.3	2500

Sampled By: TB cps 9800 RIO Showing.

839897 Wernecke

Grid North: UTM 7200108.51 N
Elevation
Grid East: UTM 534249.01 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
40	2.13	205	79.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.6	21.9	18.75	2700

Sampled By: TB cps 7000

839898 Wernecke

Grid North: UTM 7200094.44 N
Elevation
Grid East: UTM 534254.5 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
34	1.52	198.5	47.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.9	54.6	16.9	1700

Sampled By: TB RIO Showing.

839899 Wernecke

Grid North: UTM 7200094.85 N
Elevation
Grid East: UTM 534246.75 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
54	1.99	65.8	48.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.9	34.1	17.3	680

Sampled By: TB cps 350

839900 Wernecke

Grid North: UTM 7200087.67 N
Elevation
Grid East: UTM 534239.81 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
126	6.59	234	222
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
187.5	331	39.1	4300

Sampled By: TB RIO Showing.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839901 Wernecke

Grid North: UTM 7212935.73 N
Grid East: UTM 529188.25 E
Elevation
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration: wCL
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
18	0.29	107	5.58
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.7	6.8	1.86	1200

Sampled By: KD
06-Feb-07

839902 Wernecke

Grid North: UTM 7212886.3 N
Grid East: UTM 529087.99 E
Elevation
Sample Width:
Vein 342°/0 °
Type: Float
Strike Length Exp:
True Width: 0.5 m
Host :
Alteration:
Metallics:
Secondaries: sHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
68	0.85	731	20.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.9	15.2	8.47	25.8

Sampled By: KD
06-Feb-07
cps 1800+

839903 Wernecke

Grid North: UTM 7213045.69 N
Grid East: UTM 529033.19 E
Elevation
Sample Width:
Vein 342°/0 °
Type: Grab
Strike Length Exp:
True Width: 0.5 m
Host :
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.01	5.9	0.32
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.2	12	0.08	173.5

Sampled By: KD
06-Feb-07
cps 1600+ Sample taken from outcrop, in situ.

839904 Wernecke

Grid North: UTM 7213060.23 N
Grid East: UTM 529049.9 E
Elevation
Sample Width:
Vein 360°/0 °
Type: Float
Strike Length Exp:
True Width: 0.5 m
Host :
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
50	0.03	12.5	0.31
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
39.7	16.7	0.13	163

Sampled By: KD
06-Feb-07
cps 600. Downslop from 839903.

839905 Wernecke

Grid North: UTM 7213322.72 N
Grid East: UTM 529011.55 E
Elevation
Sample Width:
Vein 360°/0 °
Type: Grab
Strike Length Exp:
True Width: 0.5 m
Host :
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.07	62.9	0.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.6	7.1	0.06	75.7

Sampled By: KD
06-Feb-07
cps 700+ ; sampled taken from vein in siter.

839906 Wernecke

Grid North: UTM 7213049 N
Grid East: UTM 529030 E
Elevation
Sample Width:
Vein
Type: Select
Strike Length Exp:
True Width:
Host : siltstone
Alteration: sCL
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
14	0.14	11.5	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
59.7	26.3	<0.01	3.8

Sampled By: KD
06-Mar-07
Hanging wall of vein, scint.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839907 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049 N	UTM 529031 E	Strike Length Exp:	Metallics:	7	0.28	13.8	0.21
	Elevation	Sample Width:	True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		66.3	32.1	<0.01	0.9
Sampled By: KD 06-Mar-07	cps 220+ ; Hanging wall.							
839908 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049 N	UTM 529032 E	Strike Length Exp:	Metallics:	10	0.16	11.1	0.16
	Elevation	Sample Width:	True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		38.4	21.2	<0.01	1.4
Sampled By: KD 06-Mar-07	cps 225. Hanging wall.							
839909 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049 N	UTM 529033 E	Strike Length Exp:	Metallics:	190	0.2	19.1	0.87
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		149.5	35.9	0.38	128
Sampled By: KD 06-Mar-07	cps 300+ ; edge of vein material.							
839910 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049 N	UTM 529034 E	Strike Length Exp:	Metallics:	25	0.09	3.9	0.21
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		56.9	24.7	<0.01	71.6
Sampled By: KD 06-Mar-07	cps 800+ ; vein material.							
839911 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049 N	UTM 529035 E	Strike Length Exp:	Metallics:	6	0.04	5	0.28
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		38.8	13.3	<0.01	2.1
Sampled By: KD 06-Mar-07	cps 400+ ; vein material							
839912 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049 N	UTM 529036 E	Strike Length Exp:	Metallics:	18	0.15	7.3	0.09
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		36.6	10	0.01	8.3
Sampled By: KD 06-Mar-07	cps 450+; vein material.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839913 Wernecke	Grid North:		Grid East:		Type: Select	Alteration: mQZ, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213049	N	UTM 529037	E	Strike Length Exp:	Metallics:	<5	0.12	365	0.17
	Elevation		Sample Width:		True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein				Host : silicified siltstone		0.6	6.5	0.19	5
Sampled By: KD 06-Mar-07	cps 200 ; footwall material.									
839915 Wernecke	Grid North:		Grid East:		Type: Select	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 0	N	UTM 0	E	Strike Length Exp:	Metallics:	<5	0.1	3.2	1.13
	Elevation		Sample Width:		True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein				Host : plagioclase		52.3	16.2	0.07	54.8
Sampled By: KD 06-Apr-07	cps 430. Vein material.									
839916 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7212948.37	N	UTM 529032.17	E	Strike Length Exp:	Metallics:	<5	0.1	53.8	0.28
	Elevation		Sample Width:		True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein				Host : plagioclase		7.1	3.9	0.03	35.4
Sampled By: KD 06-Apr-07	cps 1200. True Width - 50 cm or m, geo did not specify. Vein material from outcrop.									
839917 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7212901.15	N	UTM 529081.06	E	Strike Length Exp:	Metallics:	5	0.33	361	3.51
	Elevation		Sample Width:		True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein				Host : plagioclase		21.7	12.2	0.5	133.5
Sampled By: KD 06-Apr-07	cps 1000. Vein material in float.									
839918 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213003.5	N	UTM 529024.03	E	Strike Length Exp:	Metallics:	<5	0.06	21.3	0.48
	Elevation		Sample Width:		True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein				Host : plagioclase		4.4	2.3	0.03	278
Sampled By: KD 06-May-07	cps 1200. Found in float, on same strike line as outcrop.									
839919 Wernecke	Grid North:		Grid East:		Type: Float	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213147.52	N	UTM 529036.3	E	Strike Length Exp:	Metallics:	<5	0.04	6.6	0.22
	Elevation		Sample Width:		True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein				Host : plagioclase		41.5	20.3	0.01	2.2
Sampled By: KD 06-May-07	cps 500+; Outcrop of vein 1-2m on strike with trenches.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839920 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213284.46 N	UTM 529021.2 E	Strike Length Exp:	Metallics:	20	0.16	32.1	7.24
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		30.8	9.1	3.7	118.5
Sampled By: KD 06-May-07	cps 800+; Outcrop of vein ~0.5-1m very weathered.							
839921 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213380.75 N	UTM 528990.41 E	Strike Length Exp:	Metallics:	18	0.04	1	0.21
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		41.6	20.7	0.06	5.6
Sampled By: KD 06-May-07	cps 3000+ ; Outcrop of vein ~0.5-1m.							
839922 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528925 E	Strike Length Exp:	Metallics: 1%CP	31	0.21	11550	2.2
	Elevation	Sample Width:	True Width:	Secondaries: wAZ, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : altered siltstone		12.6	7.7	1.84	3.2
Sampled By: KD 06-Jun-07	Sampling every meter W-> E start of Trench.							
839923 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528924 E	Strike Length Exp:	Metallics: 0.5%CP	24	0.14	20000	1.22
	Elevation	Sample Width:	True Width:	Secondaries: wAZ, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		11.6	9.5	1.01	2.5
Sampled By: KD 06-Jun-07	1m from start (E).							
839924 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528923 E	Strike Length Exp:	Metallics: 0.5%CP, 0.5%PY	133	1.62	96500	2.77
	Elevation	Sample Width:	True Width:	Secondaries: wAZ, sHE, sMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host :		18.6	25.2	5.33	2.1
Sampled By: KD 06-Jun-07	2m from start.							
839925 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528922 E	Strike Length Exp:	Metallics: 0.5%CP, 0.5%PY	109	0.72	62300	6.86
	Elevation	Sample Width:	True Width:	Secondaries: wAZ, sHE, sMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host :		62.1	41.4	4.36	3.5
Sampled By: KD 06-Jun-07	3 m from start.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839926 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528921 E	Strike Length Exp:	Metallics:	254	2.65	96900	5.34
	Elevation	Sample Width:	True Width:	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		98.3	50.1	16.9	2.8
Sampled By: KD	4m from start.							
839927 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528920 E	Strike Length Exp:	Metallics:	19	0.02	551	0.63
	Elevation	Sample Width:	True Width:	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		114.5	91.2	0.23	1.7
Sampled By: KD 06-Jun-07	5m from start.							
839928 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528919 E	Strike Length Exp:	Metallics:	37	0.02	266	1.5
	Elevation	Sample Width:	True Width:	Secondaries: wHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		112	132.5	0.22	5.2
Sampled By: KD 06-Jun-07	6m from start.							
839929 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528918 E	Strike Length Exp:	Metallics:	<5	<0.01	400	0.29
	Elevation	Sample Width:	True Width:	Secondaries: wHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		122.5	31.8	0.15	1.8
Sampled By: KD 06-Jun-07	7m from start.							
839930 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528917 E	Strike Length Exp:	Metallics:	6	0.03	956	0.72
	Elevation	Sample Width:	True Width:	Secondaries: wHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		83.1	17.5	0.42	1.4
Sampled By: KD 06-Jun-07	8m from start.							
839931 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528916 E	Strike Length Exp:	Metallics:	13	0.02	50.9	0.4
	Elevation	Sample Width:	True Width:	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		98.1	27.6	0.05	0.8
Sampled By: KD 06-Jun-07	9m from start; cps -> 250							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839932 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528915 E	Strike Length Exp:	Metallics:	7	0.01	51.4	1.42
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		17.9	7.8	0.05	4.7
Sampled By: KD 06-Jun-07	10m from start; cps -> 400							
839933 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528914 E	Strike Length Exp:	Metallics:	30	<0.01	41.3	0.46
	Elevation	Sample Width:	True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : plagioclase		8.8	5.9	0.25	9.5
Sampled By: KD 06-Jun-07	11m from start; cps -> 500							
839934 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213428.08 N	UTM 528913 E	Strike Length Exp:	Metallics:	<5	<0.01	44.4	0.44
	Elevation	Sample Width:	True Width:	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host : siltstone		24.5	8.6	0.11	6.6
Sampled By: KD 06-Jun-07	12m from start end of trench, 200 cps.							
839935 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: w Fe-CB, mCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198284.25 N	UTM 534946.04 E	Strike Length Exp:	Metallics: CP	9	0.39	1460	0.66
	Elevation	Sample Width: 0	True Width: 0	Secondaries: mMC, wMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		5	2.6	0.27	2.5
Sampled By: KD 14-Jul-07								
839936 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sMS, mKF, mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198260.67 N	UTM 534411.32 E	Strike Length Exp:	Metallics:	<5	0.06	94	20.7
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	320°/82°		Host : siltstone		3.5	3.5	0.08	21.1
Sampled By: KD 15-Jul-07	cps 550. Vein approx 1m wide							
839937 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198302.85 N	UTM 534434.78 E	Strike Length Exp:	Metallics: 2%CP	117	0.83	18550	0.57
	Elevation	Sample Width: 0	True Width: 0	Secondaries: sMC, mFeOxides	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		98.9	10	1.18	4.8
Sampled By: KD 15-Jul-07	cps 200							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839938 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: wCL, mKF, mSI, wFe-CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199037.12 N	UTM 534618.42 E	Strike Length Exp:	Metallics: CP	5	0.03	64.9	3.61
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		267°/67°	Host : siltstonen		19.2	19.1	0.12	33.7
Sampled By: KD 15-Jul-07	cps 1600							
839939 Wernecke	Grid North:	Grid East:	Type:	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199036.71 N	UTM 534631.39 E	Strike Length Exp:	Metallics:	<5	0.03	78.8	8.73
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		3.4	1.7	0.18	740
Sampled By: KD 15-Jul-07	cps 1200							
839940 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199063.617 N	UTM 534551.774 E	Strike Length Exp:	Metallics:	<5	0.01	10.5	0.7
	Elevation	Sample Width: 0	True Width: 0	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		40.1	5.2	0.09	108
Sampled By: KD 16-Jul-07	cps 1300. No hand sample taken outcrop							
839941 Wernecke	Grid North:	Grid East:	Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199068.325 N	UTM 534550.959 E	Strike Length Exp:	Metallics:	12	0.04	13	0.47
	Elevation	Sample Width: 0	True Width: 0	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		70.7	15.9	0.32	1600
Sampled By: KD 16-Jul-07	cps 1200. Subcrop, no hand sample taken							
839942 Wernecke	Grid North:	Grid East:	Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199050.289 N	UTM 534552.031 E	Strike Length Exp:	Metallics:	159	0.32	20.8	0.61
	Elevation	Sample Width: 0	True Width: 0	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		17.4	19.2	0.77	820
Sampled By: KD 16-Jul-07	cps 900. Subcrop, no hand sample taken							
839943 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199029.254 N	UTM 534558.033 E	Strike Length Exp:	Metallics:	27	0.03	6.8	0.23
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetrolithic breccia		26.2	2.9	0.92	1100
Sampled By: KD 16-Jul-07								

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839944 Wernecke

Grid North: UTM 7199031.271 N
Elevation
Grid East: UTM 534558.747 E
Sample Width: 0
Type: Select
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.03	138	0.31
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.1	2.3	0.58	1400

Sampled By: KD 16-Jul-07
cps 2600. Subcrop, no hand sample taken

839945 Wernecke

Grid North: UTM 7199030.834 N
Elevation
Grid East: UTM 534561.322 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
14	0.14	7.6	0.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
59.6	48.4	1.31	13.4

Sampled By: KD 16-Jul-07
cps 350. No hand sample taken

839946 Wernecke

Grid North: UTM 7199035.894 N
Elevation
Grid East: UTM 534560.248 E
Sample Width: 0
Type:
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
13	<0.01	48.6	0.26
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.9	1.3	0.77	690

Sampled By: KD 16-Jul-07
cps 9999. No hand sample taken, visable brannerite

839947 Wernecke

Grid North: UTM 7199037.403 N
Elevation
Grid East: UTM 534565.505 E
Sample Width: 0
Type:
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
92	0.11	64.4	0.31
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3	1.3	1.18	269

Sampled By: KD 16-Jul-07
cps 1100. No hand sample taken.

839948 Wernecke

Grid North: UTM 7199031.294 N
Elevation
Grid East: UTM 534566.4 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.04	18.7	0.36
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.5	3.6	0.76	1600

Sampled By: KD 16-Jul-07
cps 1206. No hand sample taken.

839949 Wernecke

Grid North: UTM 7199056.871 N
Elevation
Grid East: UTM 534563.856 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
17	0.07	16.4	0.34
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.1	20.5	0.35	500

Sampled By: KD 16-Jul-07
cps 600. No hand sample taken.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839950 Wernecke

Grid North: UTM 7199062.606 N
Elevation
Grid East: UTM 534563.774 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	17.8	0.21
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.1	4.7	0.28	890

Sampled By: KD 16-Jul-07
cps 2200. Hand sample is representative of samples 839940-839950 because most rocks were very similar.

839951 Wernecke

Grid North: UTM 7212996 N
Elevation Vein
Grid East: UTM 529043 E
Sample Width: 0.1 m
Type: Float
Strike Length Exp:
True Width: 0.15 m
Host : plagioclase
Alteration: CL
Metallics:
Secondaries: HE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.55	10	12.85
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.9	48.3	0.07	100

Sampled By: MQ
cps 500

839952 Wernecke

Grid North: UTM 7212927 N
Elevation Vein
Grid East: UTM 529041 E
Sample Width: 0.1 m
Type: Float
Strike Length Exp:
True Width: 0.2 m
Host : plagioclase
Alteration: CL
Metallics:
Secondaries: HE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
234	0.15	11	0.28
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.2	12.3	0.3	640

Sampled By: MQ 06-Jun-07
cps 3600

839953 Wernecke

Grid North: UTM 7213317.65 N
Elevation
Grid East: UTM 529008.07 E
Sample Width:
Type: Grab
Strike Length Exp:
True Width:
Host : altered siltstone hematite altered
Alteration: mCL, mQZ
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
84	0.23	45.4	0.56
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.2	10.1	0.03	4.3

Sampled By: SMB 06-Apr-07
cps 150. Well rock rample.

839954 Wernecke

Grid North: UTM 7213317.65 N
Elevation
Grid East: UTM 529009.07 E
Sample Width:
Type: Grab
Strike Length Exp:
True Width:
Host : altered (vein rock)
Alteration:
Metallics:
Secondaries: iAZ, sHE, sJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1210	0.62	38600	91.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.6	31.1	5.09	250

Sampled By: SMB 06-Apr-07
cps 900. 1m E (080) of 1st sample - subcrop- vein.

839955 Wernecke

Grid North: UTM 7213317.65 N
Elevation
Grid East: UTM 529010.07 E
Sample Width:
Type: Grab
Strike Length Exp:
True Width:
Host :
Alteration:
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	136.5	1.43
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.3	17.3	0.05	9.9

Sampled By: SMB 06-Apr-07
cps 300. More than 2m from first sample East; vein.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839956 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213317.65	N	UTM 529011.07	E	Strike Length Exp:	Metallics:	27	0.11	80.7	0.65
	Elevation		Sample Width:		True Width:	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		10.5	11.4	0.36	14.1
Sampled By: SMB 06-Apr-07	cps 240. 3m from sample 1 East, wall rock.									
839957 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213317.65	N	UTM 529012.07	E	Strike Length Exp:	Metallics:	63	0.08	9.1	0.47
	Elevation		Sample Width:		True Width:	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : altered (vein)		59.1	21.5	0.44	1.3
Sampled By: SMB 06-Apr-07	cps 300. Hematite plagioclase veining; 4m from sample 1 East.									
839958 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213317.65	N	UTM 529013.07	E	Strike Length Exp:	Metallics:	36	0.11	22.2	0.55
	Elevation		Sample Width:		True Width:	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : altered veining		28.7	8.2	0.58	66.1
Sampled By: SMB 06-Apr-07	cps 750. 5m from start East.									
839959 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213317.65	N	UTM 529014.07	E	Strike Length Exp:	Metallics:	<5	0.11	10.2	0.8
	Elevation		Sample Width:		True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		31.5	23.3	0.08	1.5
Sampled By: SMB 06-Apr-07	cps 195. Wallrock; 6m from start East.									
839960 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7213318.02	N	UTM 529015.07	E	Strike Length Exp:	Metallics:	<5	0.08	20.6	0.32
	Elevation		Sample Width:		True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		18.8	6.1	0.08	1.2
Sampled By: SMB 06-Apr-07	cps 148. 7m E of 1st sample.									
839962 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201012	N	UTM 535185	E	Strike Length Exp: 4 m	Metallics:	<5	0.32	43.9	11.15
	Elevation		Sample Width:		True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			180°/85°		Host : dolomite/shale		6.3	16.5	5.79	184.5
Sampled By: MQ 18-Jun-07	cps 2200									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839963 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 0	N	UTM 0	E	Strike Length Exp: 15 m	Metallics:	<5	0.37	6.9	3.53
	Elevation		Sample Width:		True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Bedding 184°/85°				Host :		1.5	5.1	4.46	240
Sampled By: MQ 18-Jun-07	cps 1100									
839964 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211876.303	N	UTM 527554.376	E	Strike Length Exp:	Metallics:	<5	0.01	2.2	0.48
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		28.8	5.9	0.04	6.2
Sampled By: MQ 07-Jul-07										
839965 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211873.064	N	UTM 527551.697	E	Strike Length Exp:	Metallics:	<5	0.01	5.4	0.45
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		32.6	7.7	0.07	3.3
Sampled By: MQ 07-Jul-07										
839966 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211873.162	N	UTM 527549.205	E	Strike Length Exp:	Metallics:	<5	0.03	5.1	0.41
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		32.8	7.4	0.06	3.2
Sampled By: MQ 07-Jul-07										
839967 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211873.43	N	UTM 527546.861	E	Strike Length Exp:	Metallics:	<5	0.01	2.8	0.49
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		33.3	6.2	0.05	3.2
Sampled By: MQ 07-Jul-07										
839968 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211874.417	N	UTM 527545.497	E	Strike Length Exp:	Metallics:	<5	0.01	1.7	0.31
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		29.5	5.3	0.04	3.2
Sampled By: MQ 07-Jul-07										

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839969 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211874.722	N	UTM 527543.078	E	Strike Length Exp:	Metallics:	<5	0.01	1.7	0.31
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		26.2	5.3	0.07	3.7
Sampled By: MQ 07-Jul-07										
839970 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211875.489	N	UTM 527541.18	E	Strike Length Exp:	Metallics:	<5	0.01	4.4	0.79
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		41	9	0.07	3.9
Sampled By: MQ 07-Jul-07										
839971 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211876.295	N	UTM 527539.427	E	Strike Length Exp:	Metallics:	<5	0.03	2.2	0.51
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		30.2	7.7	0.12	16.2
Sampled By: MQ 07-Jul-07										
839972 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211876.92	N	UTM 527537.34	E	Strike Length Exp:	Metallics:	<5	0.07	1.9	0.36
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		35.7	6.2	0.07	3.1
Sampled By: MQ 07-Jul-07										
839973 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211877.241	N	UTM 527535.639	E	Strike Length Exp:	Metallics:	<5	0.03	5.9	0.82
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		29.5	7.9	0.07	2.5
Sampled By: MQ 07-Jul-07										
839974 Wernecke	Grid North:		Grid East:		Type: Select/Grab	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202272.47	N	UTM 530254.37	E	Strike Length Exp:	Metallics: CP	7	0.15	892	1.62
	Elevation		Sample Width: 0.3	m	True Width: 0 m	Secondaries: wMC, mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : unknown		39.6	34.7	0.94	53.5
Sampled By: NP 08-Jul-07	cps 2000									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

839975 Wernecke	Grid North:		Grid East:		Type: Select/Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202277.74	N	UTM 530256.83	E	Strike Length Exp:	Metallics:	35	4.22	2570	35.4
	Elevation		Sample Width: 0.3	m	True Width: 0 m	Secondaries: wAZ, mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : unknown		56.6	168.5	1.04	450
Sampled By: NP 08-Jul-07	cps 4000									
839976 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201011.929	N	UTM 535184.865	E	Strike Length Exp:	Metallics:	17	1.02	1370	8.81
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		45.1	136.5	0.41	100.5
Sampled By: MQ 07-Aug-07										
839977 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201018.805	N	UTM 535263.407	E	Strike Length Exp:	Metallics:	55	4.82	1510	41.3
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		30.7	112.5	2.46	450
Sampled By: MQ 07-Aug-07										
839978 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201077.332	N	UTM 535396.913	E	Strike Length Exp:	Metallics:	5	3.17	5280	32.2
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		39.4	161.5	0.57	201
Sampled By: MQ 07-Aug-07										
846001 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211999	N	UTM 530061	E	Strike Length Exp:	Metallics:	<5	0.14	26.5	1.03
	Elevation		Sample Width: 0.7	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		14.5	6	0.29	5.6
Sampled By: JMC 06-Feb-07	cps 320. Lots of gossan.									
846002 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211959	N	UTM 530126	E	Strike Length Exp:	Metallics: PY	<5	0.1	40.1	0.69
	Elevation		Sample Width: 0.7	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		19.2	8.4	0.51	3.3
Sampled By: JMC 06-Feb-07	Gossanous siltstone.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846003 Wernecke

Grid North: UTM 7212390 N
Elevation
Grid East: UTM 529976 E
Sample Width: 0.4 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : slightly metamorphosed siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.09	26.7	0.83
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13	4.7	0.45	3.1

Sampled By: JMC 06-Feb-07

cps 330. Slightly metamorphosed siltstone.

846004 Wernecke

Grid North: UTM 7205365.03 N
Elevation
Grid East: UTM 532483.87 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.01	61.3	1.82
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.9	5.7	0.28	4

Sampled By: JMC 06-Apr-07

cps 300. Gossan.

846005 Wernecke

Grid North: UTM 7205230.48 N
Elevation
Grid East: UTM 532577.81 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.03	16.5	1.98
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5	2.3	0.17	4.8

Sampled By: JMC 06-Apr-07

cps 275. Slight gossan.

846006 Wernecke

Grid North: UTM 7205018.3 N
Elevation
Grid East: UTM 532726.46 E
Sample Width: 0.7 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	23.1	0.89
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.9	8.9	0.3	3.7

Sampled By: JMC 06-Apr-07

cps 300. Some gossan.

846007 Wernecke

Grid North: UTM 7204687.22 N
Elevation
Grid East: UTM 532932.87 E
Sample Width: 0.7 m
Type:
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	21.6	1.14
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.8	4.9	0.34	4.7

Sampled By: JMC 06-Apr-07

cps 300. Gossanous subcrop.

846008 Wernecke

Grid North: UTM 7204421.89 N
Elevation
Grid East: UTM 533022.01 E
Sample Width: 0.8 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	12.1	2.27
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.1	4.1	0.12	5.3

Sampled By: JMC 06-Apr-07

cps 300. Gossan.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846009 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204183.45 N	UTM 533166.52 E	Strike Length Exp:	Metallics:	<5	0.01	13.2	1.13
	Elevation	Sample Width: 0.6 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		18.4	5.2	0.11	2.9
Sampled By: JMC 06-Apr-07	cps 275							
846010 Wernecke	Grid North:	Grid East:	Type:	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204140.08 N	UTM 533209.35 E	Strike Length Exp:	Metallics: 0	<5	0.05	20.5	1.2
	Elevation	Sample Width: 0.7 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		17.4	5.9	0.25	4.5
Sampled By: JMC 06-Apr-07	cps 250. 'Slightly metamorphosed?"							
846011 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204115.64 N	UTM 533311.61 E	Strike Length Exp:	Metallics:	<5	<0.01	24.2	0.64
	Elevation	Sample Width: 0.7 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		17.8	7.5	0.18	2.2
Sampled By: JMC 06-Apr-07	cps 300. Medium grey coloured rock.							
846012 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204092.08 N	UTM 533383.27 E	Strike Length Exp:	Metallics:	<5	0.06	29.6	1.5
	Elevation	Sample Width: 0.7 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		20.7	7.4	0.39	4.8
Sampled By: JMC 06-Apr-07	cps 350. Gossan.							
846013 Wernecke	Grid North:	Grid East:	Type:	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204128.15 N	UTM 533396.58 E	Strike Length Exp:	Metallics:	<5	0.03	33	1.23
	Elevation	Sample Width: 0.8 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		22.5	8.6	0.26	4
Sampled By: JMC 06-Apr-07	cps 320. Light grey on weathered surface.							
846014 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204197.06 N	UTM 533438.43 E	Strike Length Exp:	Metallics:	<5	0.24	49.9	0.42
	Elevation	Sample Width: 0.7 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : quartz in siltstone.		12	3.5	0.28	1.4
Sampled By: JMC 06-Apr-07	Rusty quartz. No visible minerals.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846015 Wernecke

Grid North: UTM 7204384.86 N
Elevation
Grid East: UTM 533649.09 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	36.2	0.77
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.8	13.1	0.27	4.6

Sampled By: JMC
06-Apr-07

cps 260. Gossan.

846016 Wernecke

Grid North: UTM 7200441.23 N
Elevation Bedding
Grid East: UTM 534642.69 E
Sample Width: 0.8 m
Type: Grab
Strike Length Exp:
True Width:
Host : siltstone
Alteration: wCB
Metallics: 1%PY
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.08	155	7.76
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.3	41.2	0.44	3.8

Sampled By: JMC
06-Jun-07

Samll amount of pyrite and malachite near a zone of heavy gossan and malachite.

846017 Wernecke

Grid North: UTM 7200477.05 N
Elevation Bedding
Grid East: UTM 534585.28 E
Sample Width: 1 m
Type: Grab
Strike Length Exp:
True Width:
Host : siltstone
Alteration:
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.14	9.2	0.53
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
33.1	6	0.07	2.9

Sampled By: JMC
25-Oct-07

Green and pink coloured breccia with hematite.

846018 Wernecke

Grid North: UTM 7200497.15 N
Elevation
Grid East: UTM 534568.61 E
Sample Width: 0.4 m
Type: Select
Strike Length Exp:
True Width:
Host :
Alteration: mCB
Metallics: 4%MG. 2%PY
Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	9.3	1.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
36.8	29.4	0.26	2.3

Sampled By: JMC
06-Jun-07

Very small mineralized zone located in a carbonate altered rock.

846019 Wernecke

Grid North: UTM 7200696.53 N
Elevation
Grid East: UTM 534623.17 E
Sample Width: 0.4 m
Type: Select
Strike Length Exp:
True Width:
Host :
Alteration: mCB
Metallics: 4%MG. 2%PY
Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
43	0.43	540	33.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.4	29	0.22	7.8

Sampled By: JMC
06-Jun-07

Very small mineralized zone located in a carbonate altered rock.

846020 Wernecke

Grid North: UTM 7200726.29 N
Elevation Bedding
Grid East: UTM 534603.8 E
Sample Width: 0.4 m
Type: Grab
Strike Length Exp:
True Width:
Host : churt?
Alteration:
Metallics:
Secondaries: mAZ, sHE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
192	1.28	6410	47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.3	90.3	1.15	17.4

Sampled By: JMC
06-Jun-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846021 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200758.34 N	UTM 534638.01 E	Strike Length Exp:	Metallics:	113	1.15	4000	26
	Elevation	Sample Width: 1.2 m	True Width:	Secondaries: wAZ, sHE, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Bedding		Host : churt?		52.7	123	1.81	15.6
Sampled By: JMC 06-Jun-07								
846022 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200733.86 N	UTM 534629.85 E	Strike Length Exp:	Metallics: 2%PY	8	0.06	11050	5.15
	Elevation	Sample Width: 0.2 m	True Width:	Secondaries: mAZ, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Vein		Host :		4	11.1	0.1	3.2
Sampled By: JMC 06-Jun-07	15cm wide vein with malachite and acurite staining.							
846023 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200773.26 N	UTM 534655.56 E	Strike Length Exp:	Metallics: 2%PY	217	0.65	5090	9
	Elevation	Sample Width: 0.7 m	True Width:	Secondaries: mAZ, sHE, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Bedding		Host : churt		22.1	49.7	0.49	8.2
Sampled By: JMC 06-Jun-07	Zone of hematite and malachite roughly half a meter wide.							
846024 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200780.18 N	UTM 534707.49 E	Strike Length Exp:	Metallics: 2%MG, 2%PY	423	1.39	17900	53.3
	Elevation	Sample Width: 0.8 m	True Width:	Secondaries: mAZ, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Bedding		Host :		41.8	136.5	7.9	35.3
Sampled By: JMC 06-Jun-07								
846025 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201033 N	UTM 534723 E	Strike Length Exp:	Metallics: 3%MG, PY	129	0.68	4360	47.9
	Elevation	Sample Width: 0.15 m	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		31.8	36.2	2.41	550
Sampled By: JMC 06-Nov-07	cps 600. Taken from boulder that read 3000cps.							
846026 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201106 N	UTM 534881 E	Strike Length Exp:	Metallics: 4%MG,PY	25	0.27	497	24.1
	Elevation	Sample Width: 0.2 m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		80.3	64.4	0.26	1200
Sampled By: JMC 06-Nov-07	cps 1100. Taken from boulder that read 4500cps.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846027 Wernecke

Grid North: UTM 7200637 N
Elevation
Grid East: UTM 534676 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
32	4.92	187	147.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.3	23	3.6	148.5

Sampled By: JMC
06-Dec-07

cps 300. Taken from outcrop that read 1400cps.

846028 Wernecke

Grid North: UTM 7200509 N
Elevation
Grid East: UTM 534689 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics: 2%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
73	5.2	39.4	415
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
37.9	60.6	0.64	281

Sampled By: JMC
06-Dec-07

cps 650. Taken from outcrop that read 3000cps.

846029 Wernecke

Grid North: UTM 7193491.8 N
Elevation
Grid East: UTM 536716.6 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: mMS
Metallics: 2%CP, 1%PY
Secondaries: mMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
62	1.59	11100	6.04
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
110.5	41.4	72.5	20.7

Sampled By: JMC
14-Jun-07

846030 Wernecke

Grid North: UTM 7193396.98 N
Elevation
Grid East: UTM 536761.03 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: mMS
Metallics:
Secondaries: mMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.13	2650	1.83
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
44.3	13.9	0.5	8.8

Sampled By: JMC
14-Jun-07

846031 Wernecke

Grid North: UTM 7193360.86 N
Elevation
Grid East: UTM 536782.25 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: mMS
Metallics: 1%CP, 2%PY
Secondaries: mMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
124	2.37	16600	4.36
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
71.9	10.5	2.49	17

Sampled By: JMC
14-Jun-07

846032 Wernecke

Grid North: UTM 7193324.11 N
Elevation
Grid East: UTM 536795.21 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: mMS
Metallics: 1%PY
Secondaries: mMC, mAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
68	2.36	15100	7.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
113	18.1	0.81	15.4

Sampled By: JMC
14-Jun-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846033 Wernecke	Grid North:	Grid East:	Type: Select/Grab	Alteration: mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7193125.31 N	UTM 536716.05 E	Strike Length Exp:	Metallics: 30%CP	277	7.9	40400	1.08
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mMC, wAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sediments		122.5	10.9	3.45	3.5
Sampled By: JMC 14-Jun-07	Massive chalcopyrite in quartz vein.							
846034 Wernecke	Grid North:	Grid East:	Type: Select	Alteration: mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7193119.26 N	UTM 536723.68 E	Strike Length Exp:	Metallics: 25%CP, 10%PY	4030	27.4	99100	1.46
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mMC, wAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sediments		544	75	19.65	10.9
Sampled By: JMC 14-Jun-07	chalcopyrite in quartz vein.							
846035 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201032.18 N	UTM 534845.72 E	Strike Length Exp:	Metallics: 1%PY	18	0.09	305	10.05
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		51.6	46.6	0.08	42.4
Sampled By: JMC 16-Jun-07	cps 4500 averaged over length of 1 sample.							
846036 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201041.31 N	UTM 534842.5 E	Strike Length Exp:	Metallics:	85	0.39	713	135.5
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		81.3	58.2	0.72	68.2
Sampled By: JMC 16-Jun-07	cps 800							
846037 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201044.13 N	UTM 534844.56 E	Strike Length Exp:	Metallics:	12	0.11	684	13
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		68.4	59	0.11	59.3
Sampled By: JMC 16-Jun-07	cps 1800							
846038 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201041.66 N	UTM 534834.7 E	Strike Length Exp:	Metallics: 1%PY	25	0.2	1365	31.8
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		51.2	39.8	0.17	45.1
Sampled By: JMC 16-Jun-07	cps 1500							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846039 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201033.39	N	UTM 534828.3	E	Strike Length Exp:	Metallics:	141	0.23	1370	52.2
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		67.7	60	0.31	66.5
Sampled By: JMC 16-Jun-07	cps 850									
846040 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201038.02	N	UTM 534833.78	E	Strike Length Exp:	Metallics:	25	0.16	261	22.5
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		100	66.3	0.08	104.5
Sampled By: JMC 16-Jun-07	Forgot to record average scintillometer reading in field notes.									
846041 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201038.74	N	UTM 534819.01	E	Strike Length Exp:	Metallics:	11	0.08	178	16.85
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		46.7	34.8	0.07	21.8
Sampled By: JMC 16-Jun-07	cps 450									
846042 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201056.41	N	UTM 534806.53	E	Strike Length Exp:	Metallics: 1%CP, 1%PY	10	0.1	868	4.76
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: wHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		36	23.9	0.06	15.8
Sampled By: JMC 16-Jun-07	cps 550									
846043 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201064.73	N	UTM 534807.81	E	Strike Length Exp:	Metallics: 1%CP, 1%PY	73	0.19	1810	19.8
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: mHE, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		41.5	24.4	0.27	24.7
Sampled By: JMC 16-Jun-07	cps 750									
846044 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200877.14	N	UTM 534640.86	E	Strike Length Exp:	Metallics: 1%PY	63	0.63	918	42.9
	Elevation		Sample Width: 2	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		28.8	66.4	0.38	41.6
Sampled By: JMC 17-Jun-07	cps 650 averaged over 1 sample location.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846045 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200870.98	N	UTM 534630.72	E	Strike Length Exp:	Metallics: 2%PY	249	0.66	4590	28.9
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: mHE, mMC, mAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		44.2	55.6	1.95	54.3
Sampled By: JMC 17-Jun-07	cps 650									
846046 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200861.27	N	UTM 534611.95	E	Strike Length Exp:	Metallics: CP, 1%PY	291	1.2	4460	61.6
	Elevation		Sample Width: 1	m	True Width: 0 m	Secondaries: sHE, wAZ, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		42.8	106.5	12.75	46.4
Sampled By: JMC 17-Jun-07	cps 400									
846047 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200835.99	N	UTM 534555	E	Strike Length Exp:	Metallics: 2%MG, 1%PY	30	0.12	33.1	9.96
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		28.6	130	0.6	31.4
Sampled By: JMC 17-Jun-07	cps 500									
846048 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200784.68	N	UTM 534501.45	E	Strike Length Exp:	Metallics: 4%MG, 2%PY	141	0.37	1910	17.45
	Elevation		Sample Width: 1	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : dolomitic siltstone		33.6	108	0.88	24.8
Sampled By: JMC 17-Jun-07	cps 450									
846049 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200775.61	N	UTM 534677.52	E	Strike Length Exp:	Metallics: 3%MG	46	0.38	362	47.8
	Elevation		Sample Width: 1	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		62.3	97.3	0.27	90.9
Sampled By: JMC 17-Jun-07	cps 4000									
846050 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200791.2	N	UTM 534693.54	E	Strike Length Exp:	Metallics: CP, 1%PY	385	1.96	229	26.1
	Elevation		Sample Width: 0.8	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone [alteration?]		17.9	10.3	0.58	55.8
Sampled By: JMC 17-Jun-07	cps 450									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846051 Wernecke

Grid North: UTM 7200085.79 N
Elevation

Grid East: UTM 534237.39 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
23	1.5	189.5	39.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.1	8	14.6	3600

Sampled By: TB

846052 Wernecke

Grid North: UTM 7200090.51 N
Elevation

Grid East: UTM 534234.81 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
55	1.77	262	70.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.8	19.5	14.05	2100

Sampled By: TB cps 6300

846053 Wernecke

Grid North: UTM 7200084.39 N
Elevation

Grid East: UTM 534235.07 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
47	2.81	276	73.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
58.6	96.1	22.1	3900

Sampled By: TB RIO Showing.

846054 Wernecke

Grid North: UTM 7200079.3 N
Elevation

Grid East: UTM 534234.34 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	1.11	102.5	41.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
7.6	11.7	8.79	3400

Sampled By: TB cps 7000 RIO Showing.

846055 Wernecke

Grid North: UTM 7200074.07 N
Elevation

Grid East: UTM 534232.82 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
13	1.53	128.5	50.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.1	14	9.19	2300

Sampled By: TB RIO Showing.

846056 Wernecke

Grid North: UTM 7200070.37 N
Elevation

Grid East: UTM 534228.17 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	1.16	81.4	18.45
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.7	11.9	8.78	1300

Sampled By: TB cps 3300 RIO Showing.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846057 Wernecke

Grid North: UTM 7200126.14 N
Elevation
Grid East: UTM 534065.72 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: mSI
Metallics: 2%HE
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	19	0.56
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.8	3	0.07	4.8

Sampled By: TB
cps 400. High background cps in outcrop in creek gully.

846058 Wernecke

Grid North: UTM 7200110.07 N
Elevation
Grid East: UTM 534069.55 E
Sample Width: 0.1 m
090°/60° NW
Type: Grab
Strike Length Exp: 1 m
True Width: 0.1 m
Host : sediments
Alteration: mSI
Metallics: 3%CP, 2%PY
Secondaries: sGE, sJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
418	1.55	25300	1.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35.8	19	3.79	4.5

Sampled By: TB
cps 350. Sample 10 cm-wide quartz vein with pyrite and chalcopyrite.

846059 Wernecke

Grid North: UTM 7200017.1 N
Elevation
Grid East: UTM 534602.42 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : quartz
Alteration: sMS
Metallics: 3%PY
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.15	178	1.48
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.3	6	1.6	3.1

Sampled By: TB
cps 100. Sample frothy quartz talus with pyrite.

846060 Wernecke

Grid North: UTM 7199998.88 N
Elevation
Grid East: UTM 534127.83 E
Sample Width: 0.15 m
35°/70° SE
Type: Grab
Strike Length Exp: 5 m
True Width: 0.15 m
Host : sediments
Alteration: sCB
Metallics: 2%PY, 2%HS, 2%CP
Secondaries: sGE, sJA, sHE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
42	0.3	935	16.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
84.3	111.5	1.76	2.3

Sampled By: TB
cps 250. Sample dolomite bands cutting through sedimen outcrop.

846061 Wernecke

Grid North: UTM 7200040.72 N
Elevation
Grid East: UTM 534090.11 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : quartz
Alteration:
Metallics: 6%PY
Secondaries: sGE, sJA, sHE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
111	1.4	38.6	204
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.2	141	29.4	3

Sampled By: TB
cps 250. Sample frothy quartz in creek bed.

846062 Wernecke

Grid North: UTM 7200112.99 N
Elevation
Grid East: UTM 534603.65 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sCB
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	8.7	2.47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.3	12.9	0.34	5.8

Sampled By: TB
cps 700. Sample of one talus boulder on sidehill kicking 700 cps.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846063 Wernecke

Grid North: UTM 7200156.44 N
Elevation
Grid East: UTM 534988.32 E
Sample Width: 0.5 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics:
Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.79	31.2	8.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6	3.7	1.23	5.7

Sampled By: TB
cps 400. High background cps on outcrop in creek gully (700).

846064 Wernecke

Grid North: UTM 7200196.97 N
Elevation
Grid East: UTM 534856.93 E
Sample Width: 2 m
030°/80° NW
Type: Grab
Strike Length Exp: 5 m
True Width: 2 m
Host : sediments
Alteration: sSI
Metallics: 5%PY
Secondaries: sGE, sJA, sMN, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.11	45.7	2.14
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.6	30.9	2.09	3.3

Sampled By: TB
cps 100. Sample in 2m zone of quartz veins in silicified sediments with pyrite.

846065 Wernecke

Grid North: UTM 7200476 N
Elevation
Grid East: UTM 534736.6 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sCB
Metallics: 2%PY, 2%HS
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
274	2.57	8.5	199
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
33.5	14.3	5.85	1800

Sampled By: TB
cps 2300. Sample sediment talus with quartz-carbonate stringers (2300 cps).

846066 Wernecke

Grid North: UTM 7200495.67 N
Elevation
Grid East: UTM 534746.73 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sCL
Metallics: 55%PY
Secondaries: sGE, sJA, sHE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
125	0.87	46.6	43.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
138	1015	6.1	14.1

Sampled By: TB
cps 125. Semi-massive pyrite in talus. Lots of this material here causing gossan.

846067 Wernecke

Grid North: UTM 7200476.23 N
Elevation
Grid East: UTM 534718.42 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sCB
Metallics: 5%PY, 95%MG
Secondaries: sGE, sJA, sHE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
14	0.18	5.2	36.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
102	106	0.99	11.8

Sampled By: TB
cps 125. Sample massive magnetite with some big blocks of pyrite.

846068 Wernecke

Grid North: UTM 7200485.78 N
Elevation
Grid East: UTM 534710.49 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sCB
Metallics: 95%PY
Secondaries: sGE, sJA, sHE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
106	0.58	48.4	39.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
203	1430	6.71	7.8

Sampled By: TB
Sample massive pyrite with some magnetite.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846069 Wernecke

Grid North: UTM 7200500.11 N
Elevation
Grid East: UTM 534686.53 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sCB
Metallics: 75%PY, 10%MG
Secondaries: sGE, sJA, sHE, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
83	0.34	36.4	40.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
100	678	2.3	4.3

Sampled By: TB
cps 100. Sample massive pyrite with some magnetite.

846070 Wernecke

Grid North: UTM 7208543.94 N
Elevation
Grid East: UTM 534585.8 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: QZ
Metallics: PY
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.84	28.1	3.18
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.8	54.4	4.15	1.9

Sampled By: TB
cps 225. Glassy quartz float in talus.

846071 Wernecke

Grid North: UTM 7213588.19 N
Elevation
Grid East: UTM 528237.86 E
Sample Width: 0.3 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sCB
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.18	22.6	0.46
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
<0.2	0.7	0.02	2.9

Sampled By: TB
cps 900. 2x2m area in outcrop with high cps. Grab from lower side of outcrop.

846072 Wernecke

Grid North: UTM 7213586.43 N
Elevation
Grid East: UTM 528235.4 E
Sample Width: 0.25 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sCB
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	9.8	0.45
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.5	8.9	0.06	77.7

Sampled By: TB
cps 950. 2m above 071, sample more sediments with high cps.

846073 Wernecke

Grid North: UTM 7205358.25 N
Elevation
Grid East: UTM 531760.52 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sCY, sQZ
Metallics:
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.26	23.4	1.77
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.4	120.5	1.36	2.4

Sampled By: TB
cps 225. Sample talus with bleached, altered sediments with good pyrite.

846074 Wernecke

Grid North: UTM 7200364.25 N
Elevation
Grid East: UTM 534499.79 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp:
True Width: 0.5 m
Host : sediments
Alteration: mCL
Metallics:
Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.15	105.5	1.56
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35.9	15.1	0.71	12.4

Sampled By: TB
400 cps

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846075 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: mCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7200377.42 N	UTM 534491.29 E	Strike Length Exp:	Metallics: CP	<5	0.13	300	0.99
Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mGE, mJA, wMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : sediments		31.9	9.9	0.04	4.3

Sampled By: TB cps 250. Quartz float in talus with a trace of chalcopyrite.

846076 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7200303.16 N	UTM 534614.75 E	Strike Length Exp:	Metallics: 5%HS, 3%PY	5	0.46	21.2	2.83
Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: wHE, wJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : breccia		47.2	56.9	3.76	4

Sampled By: TB cps 175. Sample in 1m wide breccia subcrop band with pyrite.

846077 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sMS, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7200404.82 N	UTM 534637.39 E	Strike Length Exp:	Metallics: 3%HS, 7%PY	27	0.53	25.4	5.18
Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: sGE, sHE, sJA, sMN	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : sediments		116.5	94.2	4.12	5.8

Sampled By: TB cps 225. Grab for 50cm in pyritic sediments.

846078 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sMS, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7200403.89 N	UTM 534633.66 E	Strike Length Exp:	Metallics: 1%CP, 2%PY	13	0.63	2930	1.24
Elevation	Sample Width: 0.25 m	True Width: 0.26 m	Secondaries: sMC, sGE, sHE, sJA, sM	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : sediments		38	77.7	1.59	12.5

Sampled By: TB cps 350. 3m over from 077, sample small zone with pyrite. Some chalcopyrite and malachite plus a 350 cps.

846079 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sMS, sQZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7200405.61 N	UTM 534644.81 E	Strike Length Exp:	Metallics: CP, 3%PY	254	2.54	27500	96.5
Elevation	Sample Width: 0.25 m	True Width: 0.25 m	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : sediments		18	17.9	3.51	4

Sampled By: TB cps 180 10m north of 078 sample, more pyrite in quartz altered sediments.

846080 Wernecke

Grid North:	Grid East:	Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7200493.11 N	UTM 534678.93 E	Strike Length Exp:	Metallics: 3%HS, 2%PY	50	1.3	66.5	250
Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mGE, mJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : breccia		28.9	169.5	1.48	220

Sampled By: TB cps 1000 upslope 50-75m from 2300 cps boulder, sampled one more hot boulder (1000 cps).

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846081 Wernecke

Grid North: UTM 7200520.72 N | Grid East: UTM 534679.42 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: | Metallics: 20%MG, 40%PY | Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
104	0.79	38	63
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
110	895	4.92	12.7

Sampled By: TB

cps 240. Semi-massive pyrite/magnetite.

846082 Wernecke

Grid North: UTM 7192792.05 N | Grid East: UTM 537066.73 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: | Metallics: CP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	24.5	0.43
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.8	4.3	0.16	0.6

Sampled By: TB

Sample milky quartz float with trace chalcopyrite in black shale talus.

846083 Wernecke

Grid North: UTM 7192728 N | Grid East: UTM 537086.4 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sCB | Metallics: 3%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.14	456	4.67
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.5	25	0.46	2.4

Sampled By: TB

Quartz-carbonate material with good pyrite in black shale talus.

846084 Wernecke

Grid North: UTM 7192607.04 N | Grid East: UTM 537257.1 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sSI | Metallics: 5%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
56	0.24	58.1	24.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.7	51.8	15.3	7.9

Sampled By: TB

Sample strong silicious sediments in talus with good pyrite, lots of this material here.

846085 Wernecke

Grid North: UTM 7197019.02 N | Grid East: UTM 540685.77 E | Elevation | Sample Width: 1 m | Type: Grab | Strike Length Exp: | True Width: 1 m | Host : sediments | Alteration: sSI | Metallics: 2%HS, 1%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.04	32.7	2.32
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.7	13.3	0.29	4.2

Sampled By: TB

cps 130. Sample in 10x10. Stockwork zone. Strong silica alteration.

846086 Wernecke

Grid North: UTM 7196931.92 N | Grid East: UTM 540869.77 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sCL | Metallics: 30%HS, 2%PY | Secondaries: sGE, sHE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	11.7	0.47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.3	7.8	0.49	2.9

Sampled By: TB

cps 225. Sample semi-massive specular hematite with some pyrite in breccia talus. A fair amount of this material here.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846087 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7196916.65	N	UTM 540901.08	E	Strike Length Exp:	Metallics: 15%PY	6	0.28	1610	16.85
Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sGE	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sediments		42.7	19.1	0.11	3.4

Sampled By: TB cps 230. Sample what looks like calcite-siderite vein float with good chalcopyrite.

846088 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7196838.45	N	UTM 541010.56	E	Strike Length Exp:	Metallics: 15%PY	61	0.39	56.8	31.6
Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wMC, sGE	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sediments		226	30.4	13.1	2.4

Sampled By: TB Bleached silicified sediment float with good pyrite comming from sediments high on cliffs.

846089 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sCB	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7196553.19	N	UTM 541103.02	E	Strike Length Exp:	Metallics: CP	8	1.13	1600	0.9
Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sGE, sJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sediments		25.1	9.9	3.89	2.2

Sampled By: TB cps 125. Sample calcarious seds with a trace of chalcopyrite.

846090 Wernecke

Grid North:		Grid East:		Type: Grab	Alteration: sCB	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7196532.52	N	UTM 541099.16	E	Strike Length Exp:	Metallics: 1%CP	<5	0.11	6990	0.53
Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sGE, mAZ, sJA, mMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sediments		46.7	25.6	2.32	2.4

Sampled By: TB Sample in sediment outcrop, small 50x1m mineralized zone.

846091 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sCB	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7196530.08	N	UTM 541127.88	E	Strike Length Exp:	Metallics: 3%CP	10	0.86	5830	0.56
Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sGE, mMC. sJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sediments		29.3	24.8	1.75	2

Sampled By: TB cps 140. Float in main chute.

846092 Wernecke

Grid North:		Grid East:		Type: Float	Alteration: sCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7211277.14	N	UTM 558602.22	E	Strike Length Exp:	Metallics: 10%MG, 3%PY	25	0.22	124.5	0.91
Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sGE	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sediments		42.3	127.5	0.39	2.6

Sampled By: TB cps 200. Talus with banded magnetite and disseminated coarse pyrite vein material? Only one rock like this here.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846093 Wernecke

Grid North: UTM 7211395.37 N | Grid East: UTM 558782.92 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sQZ | Metallics: 3%HS, 1%PY | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	39.8	1.38
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.3	1.3	0.48	1.7

Sampled By: TB cps 750. Sugary quartz altered sediments, lots of this material here. Subcrop.

846094 Wernecke

Grid North: UTM 7211432.82 N | Grid East: UTM 558815.65 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sQZ | Metallics: PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	22.2	0.46
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.2	4.4	0.45	0.8

Sampled By: TB cps 125. Sugary quartz in bands with dolomite in 15-20 wide float train in talus.

846095 Wernecke

Grid North: UTM 7209992.12 N | Grid East: UTM 555778.97 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: mCB | Metallics: PY | Secondaries: sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.09	53.1	0.44
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
57.2	26.6	0.22	4.4

Sampled By: TB Sample a trace of pyrite with jarosite which forms a gossan in outcrop.

846096 Wernecke

Grid North: UTM 7209925.43 N | Grid East: UTM 555337.11 E | Elevation | Sample Width: 0.5 m | 0°/20° | Type: Grab | Strike Length Exp: 7 m | True Width: 0.5 m | Host : sediments | Alteration: sCB | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	28.9	1.17
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.3	1.6	0.52	0.8

Sampled By: TB 50cm wide glassy quartz vein. No sulfides seen.

846097 Wernecke

Grid North: UTM 7209841.16 N | Grid East: UTM 554975.43 E | Elevation | Sample Width: 0 m | Type: Grab | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sMS | Metallics: | Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	22.3	0.95
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.8	2.9	0.28	1.1

Sampled By: TB cps 300. Sample from two quartz veins following bedding.

846098 Wernecke

Grid North: UTM 7196566.84 N | Grid East: UTM 541295.25 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sSI | Metallics: | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.17	30.9	10.15
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.5	12.9	0.21	22500

Sampled By: TB Sample broken outcrop with veinlets of beranerite. Grab for 3m in subcrop.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846099 Wernecke

Grid North: UTM 7197301.14 N | Grid East: UTM 541450.13 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : dolomite | Alteration: sCB | Metallics: CP, 5%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	3.18	1580	14.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
280	288	0.43	45.9

Sampled By: TB — cps 225. Sample good pyrite in sediment-dolomite contact. Grab fron several rocks on talus slope.

846100 Wernecke

Grid North: UTM 7170617.87 N | Grid East: UTM 541029.99 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : sediments | Alteration: sMS, sSI | Metallics: 3%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
158	2.47	828	4.34
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
143	64.8	88	13.3

Sampled By: TB — cps 450. Small gossan in outcrop with some good pyrite in Ewe 2 zone.

846101 Wernecke

Grid North: UTM 7170639.98 N | Grid East: UTM 541039.76 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : breccia | Alteration: sCB | Metallics: 1%HS | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
52	0.09	3.7	197.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.6	16.9	10.55	50.9

Sampled By: TB — cps 600. Sample carbonate altered breccia subcrop kicking 600 cps in Ewe 2 zone.

846102 Wernecke

Grid North: UTM 7170643.19 N | Grid East: UTM 541030.5 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : breccia | Alteration: wCB, wCL, mMS | Metallics: 2%HS, 1%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.06	6.3	7.01
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
62.3	14.5	0.75	7.5

Sampled By: TB — cps 425. Sample small dolomite section (1x5m) 3m upslope from 846101 wedged in among breccia outcrop. 900 cps on outcrop. Ewe 2 zone.

846103 Wernecke

Grid North: UTM 7170634.25 N | Grid East: UTM 541037.13 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : dolomite | Alteration: sCB | Metallics: PY | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
37	0.12	3.2	24.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	12.8	90.8	37.7

Sampled By: TB — cps 425. Sample more breccia outcrop in Ewe 2 zone.

846104 Wernecke

Grid North: UTM 7170624.85 N | Grid East: UTM 541037.41 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : breccia | Alteration: sMS | Metallics: 2%HS, 20%PY | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
40	0.09	11.8	2.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
190	118.5	8.54	8

Sampled By: TB — cps 300. Sample some good pyrite over 50cm area in breccia subcrop.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846105 Wernecke

Grid North: UTM 7170607.48 N | Grid East: UTM 541049.77 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : sediments | Alteration: sMS, sSI | Metallics: CP, 5%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
209	0.73	535	10.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
275	100	24.8	6.4

Sampled By: TB

cps 300. Sample in small gossan in sediment outcrop. Some good pyrite and trace chalcopyrite in Ewe 2 zone.

846106 Wernecke

Grid North: UTM 7170623.81 N | Grid East: UTM 541043.35 E | Elevation | Sample Width: 0.5 m | Type: Grab | Strike Length Exp: | True Width: 0.5 m | Host : breccia | Alteration: sSI | Metallics: CP, 3%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
34	0.12	13.9	1.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
84.2	48.7	2.78	590

Sampled By: TB

cps 1250. Sample breccia outcrop with pyrite and a trace of pyrite in Ewe 2 zone

846107 Wernecke

Grid North: UTM 7170702.92 N | Grid East: UTM 540945.24 E | Elevation | Sample Width: 1 m | Type: Grab | Strike Length Exp: | True Width: 1 m | Host : breccia | Alteration: sCL, mMS | Metallics: CP, 20%PY, 3%HS | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.28	626	13.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
78.5	17.8	1.45	16

Sampled By: TB

cps 400. Sample a trace of chalcopyrite and some pyrite in breccia outcrop.

846108 Wernecke

Grid North: UTM 7170745.04 N | Grid East: UTM 540923.82 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sCL | Metallics: 2%CP, 1%PY | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
36	1.16	3600	0.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
148.5	42.9	10.95	1.6

Sampled By: TB

cps 225. Sample disseminated chalcopyrite in talus below outcrop.

846109 Wernecke

Grid North: UTM 7171271.57 N | Grid East: UTM 541164.31 E | Elevation | Sample Width: 1 m | Type: Grab | Strike Length Exp: | True Width: 1 m | Host : sediments | Alteration: sCB | Metallics: CP, 2%PY | Secondaries: wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	19.7	0.34
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.4	13.6	0.47	0.4

Sampled By: TB

Sample small area of iron carbonate in sediment outcrop.

846110 Wernecke

Grid North: UTM 7171274.87 N | Grid East: UTM 542350.05 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sCB | Metallics: CP, 1%PY, 2%HS | Secondaries: wGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
162	0.88	402	725
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
37.9	46.7	11.05	3.1

Sampled By: TB

cps 375. Sample taken below cliffs.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846111 Wernecke

Grid North: UTM 7171257.54 N | Grid East: UTM 542362.9 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sQZ | Metallics: 2%PY, 3%HS | Secondaries: 'wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.02	5.1	2.54
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.6	9	0.14	2.8

Sampled By: TB cps 375. Sample breccia float below cliffs.

846112 Wernecke

Grid North: UTM 7171221.57 N | Grid East: UTM 542335.04 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sCB | Metallics: 3%CP, PY, 5%HS | Secondaries: 'wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
35	2.52	8640	15.95
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
49.4	61.2	4.72	18.3

Sampled By: TB cps 275. Sample breccia float below cliffs.

846113 Wernecke

Grid North: UTM 7171216.34 N | Grid East: UTM 541885.66 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: sSI | Metallics: 3%CP, 1%PY | Secondaries: wMC, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
675	2.46	17950	62.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
111	226	11.05	69.4

Sampled By: TB cps 375. Sample float on hillside.

846114 Wernecke

Grid North: UTM 7171209.82 N | Grid East: UTM 541868.32 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : sediments | Alteration: | Metallics: 1%CP, 5%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
742	4.23	11600	80.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
88.1	924	12.05	24.6

Sampled By: TB cps 575. Sample sediment subcrop with good pyrite and some chalcopyrite. Grab from a few rocks.

846115 Wernecke

Grid North: UTM 7170684.58 N | Grid East: UTM 540909.69 E | Elevation | Sample Width: 0.15 m | Type: Grab | Strike Length Exp: 3 m | True Width: 0.15 m | Host : sediments | Alteration: sMS | Metallics: CP, 2%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
25	0.1	76.1	3.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
76	37.4	5.67	5.1

Sampled By: TB cps 275. Sample narrow quartz vein with pyrite and trace chalcopyrite.

846116 Wernecke

Grid North: UTM 7170680.11 N | Grid East: UTM 540894.34 E | Elevation | Sample Width: 0 m | Type: Float | Strike Length Exp: | True Width: 0 m | Host : breccia | Alteration: sMS | Metallics: 3%CP, 2%HS | Secondaries: sGE, sJA, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
184	9.67	3700	3.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
262	50.9	52.1	10.1

Sampled By: TB cps 325. Some good chalcopyrite in subcrop.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846117 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sCL, sMS	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7170684.52 N	UTM 540891.73 E	Strike Length Exp:	Metallics: 5%CP, PY, 3%HS	115	12	41100	9.17
Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mGE, mJA, mMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : breccia		60	68.6	5.78	6.5

Sampled By: TB cps 375. 3m above 116, sample more good chalcopyrite in breccia subcrop.

846118 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sMS, sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7170724.67 N	UTM 540836.66 E	Strike Length Exp:	Metallics: 2%CP, 3%PY	154	1.33	3120	5.96
Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mGE, mJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : sediments		267	206	39.3	3

Sampled By: TB Grab over 1m radius in outcrop with pyrite and chalcopyrite.

846119 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sSI	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7170732.23 N	UTM 540826.9 E	Strike Length Exp:	Metallics: CP, 5%PY	49	0.33	150	7.39
Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mGE, mJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : sediments		188.5	65	16.7	5.3

Sampled By: TB cps 300. Sample some good pyrite in silica altered material.

846120 Wernecke

Grid North:	Grid East:	Type: Float	Alteration: sKF	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7202605.17 N	UTM 536229.36 E	Strike Length Exp:	Metallics: CP, 1%HS, 2%PY	8	0.08	2.5	1.27
Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sGE, sJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : breccia		41	30.3	0.83	3.3

Sampled By: TB cps 275. Strong K feldspar altered talus at top of rock glacier. Good pyrite, trace chalcopyrite? Good float across slpe for 30m.

846121 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7202670.45 N	UTM 536256.35 E	Strike Length Exp: 10 m	Metallics: 1%HS, 3%PH	5	0.1	2.3	0.32
Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: sGE, sHE, sJA	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
170°/52° NE		Host : breccia		115	76.9	1.11	2.7

Sampled By: TB cps 275. Sample across 1.5M weak quartz vein in breccia outcrops in creeks.

846122 Wernecke

Grid North:	Grid East:	Type: Grab	Alteration: sCL	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7202669.98 N	UTM 536256 E	Strike Length Exp:	Metallics: 50%PY, 49%MO, 1%PY	<5	0.06	0.8	1.66
Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: wGE, wHE	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		Host : breccia		43.4	15.4	0.35	1.4

Sampled By: TB cps 275. Sample massive hematite and magnetite on footwall side of veins. Good hematite/magnetite over 2m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846123 Wernecke

Grid North: UTM 7204519.34 N
Elevation
Grid East: UTM 538141.17 E
Sample Width: 0 m
Type:
Strike Length Exp:
True Width: 0 m
Host : breccia
Alteration: sCL
Metallics: 50%PY
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.43	5.4	0.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
235	2190	3.04	1.2

Sampled By: TB
cps 200. Big angular float rocks with very good pyrite.

846124 Wernecke

Grid North: UTM 7202362.41 N
Elevation
Grid East: UTM 536183.28 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : breccia
Alteration: mCl, mQZ
Metallics: 3%PY
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.26	7.6	3.16
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
81.4	365	2.91	6.6

Sampled By: TB
cps 250. Sample good pyrite in breccia talus. Sample taken from severed rocks.

846125 Wernecke

Grid North: UTM 7202050.88 N
Elevation
Vein 020°/90°
Grid East: UTM 535831.88 E
Sample Width: 0.75 m
Type: Grab
Strike Length Exp: 10 m
True Width: 0.75 m
Host : sediments
Alteration: sQZ
Metallics: 1%CP, 1%PY
Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
13	0.39	753	19.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.6	18.5	0.43	11.9

Sampled By: TB
cps 225. Grab from milky glassy quartz vein with chalcopyrite and pyrite.

846126 Wernecke

Grid North: UTM 7201850.7 N
Elevation
Grid East: UTM 535680.85 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sCB
Metallics: 20%HS, 80%MG
Secondaries: sGE, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	25.3	7.11
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
96.5	9.7	0.11	2.8

Sampled By: TB
cps 200. Sample semi-massive to massive specular hematite and magnetite in dolomity talus. Lots of this material here.

846127 Wernecke

Grid North: UTM 7201463.03 N
Elevation
Grid East: UTM 535270.49 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sQZ
Metallics: 2%PY
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	1.02	14.7	526
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.2	5	7.42	2.4

Sampled By: TB
Sample frothy, sugary quartz talus with pyrite.

846128 Wernecke

Grid North: UTM 7201669.41 N
Elevation
Grid East: UTM 535058.99 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: sQZ
Metallics: 5%PY
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
23	1.96	40.6	61.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.5	6.4	6.2	1.2

Sampled By: TB
Frothy quartz float with good fine grained pyrite.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846129 Wernecke

Grid North: UTM 7201697.91 N | Grid East: UTM 534454.64 E | Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Host : breccia | Type: Float | Alteration: sCL | Metallics: 10%MG, 3%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	0.13	45.6	10.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
39.6	136.5	2.72	2.5

Sampled By: TB — Sample magnetite and pyrite in breccia talus. Lots of this material here.

846130 Wernecke

Grid North: UTM 7200884.36 N | Grid East: UTM 533904.45 E | Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Host : sediments | Type: Float | Alteration: sQZ | Metallics: CP | Secondaries: sAZ, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.48	3020	2.42
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.2	119	2.24	9.3

Sampled By: TB — cps 100. Sample chalcopyrite and azurite just below old drill pad.

846131 Wernecke

Grid North: UTM 7201569.09 N | Grid East: UTM 534529.93 E | Elevation | Sample Width: 0 m | True Width: 0 m | Strike Length Exp: | Host : breccia | Type: Float | Alteration: sMS | Metallics: 2%PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.26	13.9	6.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
43.8	386	2.2	1.7

Sampled By: TB — At siltstone-breccia contact sample pyrite in sericite altered breccia talus.

846132 Wernecke

Grid North: UTM 7209815.55 N | Grid East: UTM 528216.06 E | Elevation | Sample Width: 1 m | True Width: 1 m | Strike Length Exp: | Host : sediments | Type: Grab | Alteration: sCB | Metallics: 15%HS, 5%MG, 1%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.09	51.8	1.06
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
312	259	0.47	0.7

Sampled By: TB — cps 100. Sample in specular hematite-magnetite zone.

846133 Wernecke

Grid North: UTM 7209814.82 N | Grid East: UTM 528213.14 E | Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Host : sediments | Type: Grab | Alteration: sCB | Metallics: 30%HS, 30%MG, 1%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
17	0.07	553	0.59
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
271	203	0.3	0.9

Sampled By: TB — cps 100. Grab across 2M width specular hematite-magnetite zone.

846134 Wernecke

Grid North: UTM 7209808.49 N | Grid East: UTM 528213.89 E | Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Host : sediments | Type: Grab | Alteration: sCB | Metallics: 30%HS, 30%MG, 1%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.08	643	3.95
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
308	364	0.39	1.8

Sampled By: TB — Sample across second specular hematite-magnetite zone running parallel to first zone.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846135 Wernecke

Grid North: UTM 7209810.34 N | Grid East: UTM 528239.08 E | Type: Grab | Alteration: sCB

Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Host : sediments | Metallics: 30%HS, 30%MG, 1%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.08	133	2.19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
336	201	0.48	0.4

Sampled By: TB — 20m above 134 sample across specular hematite-magnetite zone.

846136 Wernecke

Grid North: UTM 7209809.9 N | Grid East: UTM 528291.82 E | Type: Grab | Alteration: sCB

Elevation | Sample Width: 2 m | True Width: 2 m | Strike Length Exp: | Host : sediments | Metallics: 30%HS, 30%MG, 2%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.1	14.2	1.45
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
180	304	0.55	1.2

Sampled By: TB — cps 150. Sample across specular hematite-magnetite zone sticking out of talus slope.

846137 Wernecke

Grid North: UTM 7209831.33 N | Grid East: UTM 528341.78 E | Type: Grab | Alteration: sCB

Elevation | Sample Width: 2.5 m | True Width: 2.5 m | Strike Length Exp: | Host : sediments | Metallics: 30%HS, 30%MG, 2%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	9.3	7.14
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
343	407	0.25	0.3

Sampled By: TB — cps 75. Sample across specular hematite-magnetite zone.

846138 Wernecke

Grid North: UTM 7209814.62 N | Grid East: UTM 528353.68 E | Type: Grab | Alteration: sCB

Elevation | Sample Width: 2.5 m | True Width: 2.5 m | Strike Length Exp: | Host : sediments | Metallics: 30%HS, 30%MG, 1%PY | Secondaries: sGE, sJA, sMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.04	18.5	3.51
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
349	213	0.17	0.6

Sampled By: TB — cps 60. Sample across upper specular hematite-magnetite zone.

846139 Wernecke

Grid North: UTM 7209942.07 N | Grid East: UTM 528078.81 E | Type: Grab | Alteration: sMS

Elevation | Sample Width: 30 m | True Width: 30 m | Strike Length Exp: 5 m | Host : sediments | Metallics: CP, 3%HS, PY | Secondaries: sJA

Vein 095°/60° SE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	23.9	0.84
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.2	264	0.14	3.2

Sampled By: TB — cps 225. Sample quartz vein with a trace of pyrite and chalcopyrite.

846140 Wernecke

Grid North: UTM 7209949.01 N | Grid East: UTM 528074.1 E | Type: Grab | Alteration: sMS

Elevation | Sample Width: 1 m | True Width: 1 m | Strike Length Exp: | Host : sediments | Metallics: 3%HS, 2%MG, 1%PY | Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
56	0.18	15.7	8.04
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.6	178	1.27	1.4

Sampled By: TB — cps 150. Sample small (1x1m) quartz blowout with specular hematite and magnetite.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846141 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7209938.62 N	UTM 527172.58 E	Strike Length Exp:	Metallics: 1%CP, 3%HS	12	0.44	6530	12.85
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: mAZ, mGE, sJA, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sediments		33.4	127.5	1.79	338
Sampled By: TB	cps 1000. Sample in narrow shear zone with chalcopyrite, pyrite, specular hematite and 6000 cps in outcrops. THE WALL.							

846142 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7210000.31 N	UTM 527177.39 E	Strike Length Exp:	Metallics: CP, 1%HS	53	4.77	15150	12.45
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: sGE, sJA, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sediments		41.8	110	12.55	960
Sampled By: TB	cps 7400. 1 foot up from the shear zone from 141 sample. In good gossan material >10,000 cps in outcrop. THE WALL.							

846143 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7209998.92 N	UTM 527180.63 E	Strike Length Exp:	Metallics: CP, 2%HS	42	5.56	2380	17.5
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: sGE, sJA, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sediments		29.8	58.2	23.6	92.3
Sampled By: TB	cps 800. Grab over 50 cm in shear zone. Old sample # 433489, 488-08128194 THE WALL. 4800 cps in outcrop							

846151 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200163.9 N	UTM 534340.71 E	Strike Length Exp:	Metallics:	<5	0.04	26.2	1.42
	Elevation	Sample Width: 1 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		9.1	17.5	0.16	4.3
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.							

846152 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200166.2 N	UTM 534340.43 E	Strike Length Exp:	Metallics:	6	0.09	91	5.28
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		25.7	59.4	0.69	5.9
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.							

846153 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200167 N	UTM 534339.93 E	Strike Length Exp:	Metallics:	16	0.13	85.6	9.78
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		35.7	71.6	0.81	4.9
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846154 Wernecke

Grid North: UTM 7200168.9 N
Elevation
Grid East: UTM 534339.98 E
Sample Width: 1.8 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
64	0.38	182	39.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
76.8	217	10.55	11.3

Sampled By: MQ 07-Nov-07
See Wernecke_Outcrops for details.

846155 Wernecke

Grid North: UTM 7200169.82 N
Elevation
Grid East: UTM 534339.61 E
Sample Width: 1.2 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : diorite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
71	0.38	324	82.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
67.8	103	10.2	9.4

Sampled By: MQ 07-Nov-07
See Wernecke_Outcrops for details.

846156 Wernecke

Grid North: UTM 7200171.01 N
Elevation
Grid East: UTM 534339.25 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : diorite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
75	0.37	815	100
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
61.8	95.9	6.61	5.9

Sampled By: MQ 07-Nov-07
See Wernecke_Outcrops for details.

846157 Wernecke

Grid North: UTM 7200172.18 N
Elevation
Grid East: UTM 534339.17 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : diorite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.31	34	88.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.6	101	2.43	4.1

Sampled By: MQ 07-Nov-07
See Wernecke_Outcrops for details.

846158 Wernecke

Grid North: UTM 7200173.33 N
Elevation
Grid East: UTM 534338.92 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : diorite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
19	0.16	244	34.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.6	144.5	2.18	4.2

Sampled By: MQ 07-Nov-07
See Wernecke_Outcrops for details.

846159 Wernecke

Grid North: UTM 7200174.2 N
Elevation
Grid East: UTM 534338.83 E
Sample Width: 1.4 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : metasomatised sed. rocks
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.06	84.3	8.46
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.4	12.4	0.24	12.4

Sampled By: MQ 07-Nov-07
See Wernecke_Outcrops for details.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846160 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200175.9	N	UTM 534338.71	E	Strike Length Exp:	Metallics:	10	0.17	89.8	18.35
	Elevation		Sample Width: 1.6	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : metasomatised sed. rocks		7.1	15.7	1.65	27.5
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.									
846161 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200177.01	N	UTM 534338.51	E	Strike Length Exp:	Metallics:	24	0.2	31.5	28
	Elevation		Sample Width: 1	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : metasomatised sed. rocks		4.9	7.8	4.56	16.8
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.									
846162 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200178.29	N	UTM 534338.24	E	Strike Length Exp:	Metallics:	39	0.11	238	15.55
	Elevation		Sample Width: 1.4	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : metasomatised sed. rocks		20.8	76.7	4.59	104.5
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.									
846163 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200179.48	N	UTM 534338	E	Strike Length Exp:	Metallics:	7	0.07	405	4.28
	Elevation		Sample Width: 1.6	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : chert		30.5	171.5	1.67	18.4
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.									
846164 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200181.07	N	UTM 534337.78	E	Strike Length Exp:	Metallics:	7	0.06	280	5.99
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : chert		11.5	42.2	0.86	15.4
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.									
846165 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200183.17	N	UTM 534337.29	E	Strike Length Exp:	Metallics:	<5	0.05	241	2.59
	Elevation		Sample Width: 1.5	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : chert		6.6	23	0.37	3.9
Sampled By: MQ 07-Nov-07	See Wernecke_Outcrops for details.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846166 Wernecke

Grid North: UTM 7200184.35 N
Elevation
Grid East: UTM 534337.03 E
Sample Width: 1.6 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : chert
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.15	591	8.11
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.1	45.7	0.49	5.9

Sampled By: MQ 07-Nov-07

See Wernecke_Outcrops for details.

846167 Wernecke

Grid North: UTM 7200185.15 N
Elevation
Grid East: UTM 534336.85 E
Sample Width: 0.6 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.15	382	17.95
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
33.4	186	0.76	17.3

Sampled By: MQ 07-Nov-07

See Wernecke_Outcrops for details.

846168 Wernecke

Grid North: UTM 7200186.04 N
Elevation
Grid East: UTM 534337.1 E
Sample Width: 1.8 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : chert
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.23	368	24.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.3	123.5	1.24	7.6

Sampled By: MQ 07-Nov-07

See Wernecke_Outcrops for details.

846169 Wernecke

Grid North: _ UTM 7200188.41 N
Elevation
Grid East: _COL6 UTM 534336.78 E
Sample Width: 1.8 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : chert
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10	0.34	649	11.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.3	101	1.09	6

Sampled By: MQ 07-Nov-07

See Wernecke_Outcrops for details.

846201 Wernecke

Grid North: UTM 7170652.6 N
Elevation
Grid East: UTM 541024.77402 E
Sample Width: 6 m
Type: Grab
Strike Length Exp: 1 m
True Width: 15 m
Host : heterolithic breccia
Alteration: mCL, wCA
Metallics:
Secondaries: sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
35	0.06	6.9	6.78
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
56.6	11.5	0.39	8.3

Sampled By: GMc 23-Jul-07

Weak muscovite.

846202 Wernecke

Grid North: UTM 7170652.1045 N
Elevation
Grid East: UTM 541024.94718 E
Sample Width: 7 m
Type: Grab
Strike Length Exp: 1 m
True Width: 8 m
Host : hetero breccia
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
38	0.06	4.6	5.85
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
43.8	7	0.31	11.8

Sampled By: GMc 23-Jul-07

Weathered rock from a shear zone.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846203 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCL, sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170653.8541 N	UTM 541026.12634 E	Strike Length Exp:	Metallics:	284	0.13	9.8	11.2
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		30.2	85.4	0.92	6.7
Sampled By: GMc 23-Jul-07	Weak muscovite, strongly limonitic.							
846204 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170654.8939 N	UTM 541027.02513 E	Strike Length Exp:	Metallics:	41	0.1	6.3	9.89
	Elevation	Sample Width: 15 m	True Width: 40 m	Secondaries: sGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		36.2	204	0.75	7.6
Sampled By: GMc 23-Jul-07	Moderate muscovite, strongly limonitic.							
846205 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170655.7438 N	UTM 541027.69305 E	Strike Length Exp:	Metallics:	30	0.15	9.6	10.1
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		41.6	38.6	0.42	12.5
Sampled By: GMc 23-Jul-07	Strong muscovite.							
846206 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170652 N	UTM 541028.59184 E	Strike Length Exp:	Metallics:	5	0.05	4.2	2.45
	Elevation	Sample Width: 15 m	True Width: 60 m	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		52.8	27.5	0.11	7.9
Sampled By: GMc 23-Jul-07	contains plagioclase surrounded by chlorite.							
846207 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mQZ, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170634.987 N	UTM 541035.003 E	Strike Length Exp:	Metallics:	129	0.09	2.2	67.3
	Elevation	Sample Width: 15 m	True Width: 30 m	Secondaries: wGE, wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		17	8.8	67.4	142
Sampled By: GMc 23-Jul-07	Weak muscovite, traces of plagioclase with hematite staining.							
846208 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCA, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170635.987 N	UTM 541035.001 E	Strike Length Exp:	Metallics:	26	0.06	2.9	6.5
	Elevation	Sample Width: 10 m	True Width: 0 m	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		20.1	10.7	4.82	27.2
Sampled By: GMc 23-Jul-07	Ankerite with mixed calcite.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846209 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCL, mCA, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7170636.986 N	UTM 541035.003 E	Strike Length Exp:	Metallics:	157	0.05	2.9	9.8
	Elevation	Sample Width: 10 m	True Width: 20 m	Secondaries: wGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hetero breccia		21.1	13.6	0.81	72.3
Sampled By: GMc 23-Jul-07	Moderate muscovite.							
846211 Wernecke	Grid North:	Grid East:	Type:	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7192810.206 N	UTM 573050.713 E	Strike Length Exp:	Metallics:	8	0.49	16650	4.55
	Elevation	Sample Width: 0.15 m	True Width: 3 m	Secondaries: sAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : silicified siltstone		56.6	206	6.01	48.5
Sampled By: GMc 25-Jul-07	cps 250. Very strong malachite and azurite, located on Pika.							
846212 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sSI, wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7192493.668 N	UTM 573049.29 E	Strike Length Exp:	Metallics:	59	14.4	10750	10.4
	Elevation	Sample Width: 0.1 m	True Width: 0.75 m	Secondaries: mAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : silicified siltstone		16.2	10.4	4.59	13.9
Sampled By: GMc 26-Jul-07	cps 300. Strong malachite.							
846213 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mBl	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204526.988 N	UTM 531209 E	Strike Length Exp:	Metallics:	13	0.08	41.4	3.82
	Elevation	Sample Width: 8 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone/shale		16.9	7.5	0.24	5.9
Sampled By: GMc 29-Jul-07	cps 520. Weak muscovite							
846214 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204347.116 N	UTM 531164.266 E	Strike Length Exp:	Metallics:	<5	0.63	157.5	1.85
	Elevation	Sample Width: 10 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone/shale		5.7	4	2.33	2.1
Sampled By: GMc 29-Jul-07	cps 320. contained quartz veining.							
846215 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204259.09 N	UTM 530890.354 E	Strike Length Exp:	Metallics:	<5	0.18	136.5	0.89
	Elevation	Sample Width: 10 m	True Width: 17 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone/shale		19.8	7.3	0.69	1.3
Sampled By: GMc 29-Jul-07	cps 250. Surface is iron stained.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846251 Wernecke

Grid North: UTM 7197237.02 N | Grid East: UTM 539320.31 E | Elevation | Sample Width: 0 m
Type: Grab | Strike Length Exp: | True Width: 0 m | Host : Wernecke breccia
Alteration: wCA, mQZ, mSI | Metallics: CP, HS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
12	0.11	2600	7.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.5	22.2	0.43	23

Sampled By: SMB 06-Sep-07

Subcrop, possibly outcrop.

846252 Wernecke

Grid North: UTM 7197244.98 N | Grid East: UTM 539343 E | Elevation | Sample Width: 0 m
Type: Grab | Strike Length Exp: | True Width: 0 m | Host : breccia
Alteration: sQZ, mSI | Metallics: PY | Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
55	0.12	304	1.99
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
103.5	1365	2.01	5.2

Sampled By: SMB 06-Sep-07

Outcrop.

846253 Wernecke

Grid North: UTM 7197175.75 N | Grid East: UTM 539453.89 E | Elevation | Sample Width: 0 m
Type: Grab | Strike Length Exp: | True Width: 0 m | Host : breccia and shale
Alteration: | Metallics: CP | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.05	755	7.86
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.4	35.2	0.18	17.6

Sampled By: SMB 06-Sep-07

Sample taken on contact of the breccia and shale.

846254 Wernecke

Grid North: UTM 7211854 N | Grid East: UTM 527672 E | Elevation | Sample Width: 1 m
Type: Chip | Strike Length Exp: 1.5 m | True Width: 0.6 m | Host : phyllite -> altered siltstone
Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	38	0.49
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.2	12	0.03	3.7

Sampled By: SMB 06-Jun-07

cps 380. 1 sample in Trench #4, 1m across. Disappears due to overburden. Light grey foliated.

846255 Wernecke

Grid North: UTM 7211854 N | Grid East: UTM 527671 E | Elevation | Sample Width: 1 m
Type: Chip | Strike Length Exp: 1.5 m | True Width: 0.65 m | Host : phyllite
Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	34.8	0.84
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.1	26	0.05	3.4

Sampled By: SMB 06-Mar-07

cps 315. 1 sample in Trench #4, very foliated.

846256 Wernecke

Grid North: UTM 7211854 N | Grid East: UTM 527670 E | Elevation | Sample Width: 1 m
Type: Chip | Strike Length Exp: 1 m | True Width: 0.6 m | Host : phyllite
Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	103	0.84
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
38.1	40.9	0.06	2.5

Sampled By: SMB 07-Mar-07

cps 300. Sample in Trench #4, very foliated.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846257 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527669 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.7 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	40	0.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.3	7.2	0.03	3.6

Sampled By: SMB 07-Mar-07

cps 290. Trench #4.

846258 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527668 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 3 m
True Width: 0.65 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	22.7	1.07
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35.7	4.6	0.14	3.4

Sampled By: SMB 07-Mar-07

cps 325. Trench #4.

846259 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527667 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2.5 m
True Width: 0.6 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	31.7	1.09
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.5	5.8	0.14	7

Sampled By: SMB 07-Mar-07

cps 320. Trench #4.

846260 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527666 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.8 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	21.7	0.96
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.3	4.7	0.11	3

Sampled By: SMB 07-Mar-07

cps 310. Trench #4.

846261 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527665 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2 m
True Width: 80 m
Host : phyliite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	13.2	1.02
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.1	3.7	0.15	3

Sampled By: SMB 07-Mar-07

cps 310. Trench #4.

846262 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527664.2 E
Sample Width: 1.2 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.85 m
Host : phyllite (more altered)
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	26.6	1.67
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.9	7.7	0.58	2.2

Sampled By: SMB 07-Mar-07

cps 330. More hematic; more consolidated, thicker beds; some quartz veining; more iron staining on foliation surface

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846263 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527663 E
Sample Width: 1.2 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.9 m
Host : phyllite (more altered)
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	30.9	0.89
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.3	9.4	0.18	11.1

Sampled By: SMB 07-Mar-07

cps 500. More consolidate, thicker beds; iron staining on foliation surface; hematite, chlorite, pink plagioclase.

846264 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527662 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 1.5 m
True Width: 0.85 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	21.7	1.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.5	38.5	0.19	2.8

Sampled By: SMB 07-Mar-07

cps 300. Lighter grey thinner beds; similar to unaltered phyllite.

846265 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527662 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 1.5 m
True Width: 0.7 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	14.9	0.28
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15	8.9	0.04	3.1

Sampled By: SMB 07-Mar-07

cps 295. Light grey finer foliation.

846266 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527660 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.7 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	34.7	1.38
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.2	19.5	0.07	3

Sampled By: SMB 07-Mar-07

Slightly thicker beds with hematite; alteration along second foliation.

846267 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527659 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 1.5 m
True Width: 0.75 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.03	32.9	1.03
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.5	63	0.11	2.5

Sampled By: SMB 07-Mar-07

cps 240. Slightly thicker beds with hematite; alteration along second foliation.

846268 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527658 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.65 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.01	48.2	0.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	8.9	0.05	1.7

Sampled By: SMB 07-Mar-07

cps 275.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846269 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527658 E
Sample Width: 1.3 m
Type: Chip
Strike Length Exp: 1.5 m
True Width: 0.25 m
Host : altered phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	44.8	1.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.8	37.8	0.11	6.1

Sampled By: SMB 07-Mar-07
cps 1500. Fracture infill with hematite.

846270 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527657 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.5 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	17.1	1.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.9	25.3	0.11	234

Sampled By: SMB 07-Mar-07
cps 450. Pink plagioclase hematite-stained quartz veining in thicker beds.

846271 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527656.3 E
Sample Width: 1.3 m
Type: Chip
Strike Length Exp: 2 m
True Width: 0.55 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.25	81.5	2.92
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.1	42.4	0.13	3.4

Sampled By: SMB 07-Mar-07
cps 37. Similar to 846270.

846272 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527656.6 E
Sample Width: 0.3 m
Type: Channel
Strike Length Exp: 1.5 m
True Width:
Host : phyllite
Alteration:
Metallics:
Secondaries: JA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
17	0.22	33.4	1.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.9	63.9	0.91	1.9

Sampled By: SMB 07-Mar-07
cps 320. Quartz vein with pyrite.

846273 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527655 E
Sample Width: 11.4 m
Type: Chip
Strike Length Exp: 1 m
True Width: 0.85 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	35.1	0.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.5	13	0.04	1.5

Sampled By: SMB 07-Mar-07
cps 300. Finer bedding unaltered. Soft.

846274 Wernecke

Grid North: UTM 7211854 N
Elevation
Grid East: UTM 527654 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 0.9 m
Host : phyllite
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	46.3	0.73
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.5	18.1	0.09	1.7

Sampled By: SMB 01-Mar-6471
cps 315

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846275 Wernecke

Grid North: UTM 7199062.619 N
Elevation
Grid East: UTM 534568.109 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
45	0.07	24.8	0.84
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.4	3.1	0.96	1500

Sampled By: SMB 16-Jul-07

cps 1500. Representative hand sample taken.

846276 Wernecke

Grid North: UTM 7199056.595 N
Elevation
Grid East: UTM 534556.932 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
404	0.11	11.6	0.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.7	8	0.7	900

Sampled By: SMB 16-Jul-07

cps 850. No hand sample taken.

846277 Wernecke

Grid North: UTM 7199053.144 N
Elevation
Grid East: UTM 534554.937 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.04	3.2	0.91
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.7	3.2	0.2	334

Sampled By: SMB 16-Jul-07

cps 706. No hand sample taken.

846278 Wernecke

Grid North: UTM 7199063.525 N
Elevation
Grid East: UTM 534555.17 E
Sample Width: 0 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	1.6	2.66
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.9	7.6	0.18	5.8

Sampled By: SMB 16-Jul-07

cps 400. No hand sample taken.

846279 Wernecke

Grid North: UTM 7199063.389 N
Elevation
Grid East: UTM 534557.908 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	0.9	0.99
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.3	5.5	0.11	4.8

Sampled By: SMB 16-Jul-07

cps 700. No hand sample taken.

846280 Wernecke

Grid North: UTM 7199065.839 N
Elevation
Grid East: UTM 534561.366 E
Sample Width: 0 m
Type:
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
124	0.03	34.7	0.24
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.2	3.3	0.35	530

Sampled By: SMB 16-Jul-07

cps 1400. Very pink hand sample taken.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846281	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199066.702 N	UTM 534563.291 E	Strike Length Exp:	Metallics:	<5	0.01	13.2	0.19
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		33.2	3.6	0.15	1200
Sampled By: SMB 16-Jul-07	cps 2000. No hand sample taken.							
846282	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199069.174 N	UTM 534562.977 E	Strike Length Exp:	Metallics:	412	1.3	16.2	0.9
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		23.9	3	0.27	100
Sampled By: SMB 16-Jul-07	cps 600. No hand sample taken.							
846283	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199074.667 N	UTM 534561.351 E	Strike Length Exp:	Metallics:	23	0.04	17.7	0.28
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		19.6	7.6	0.16	346
Sampled By: SMB 16-Jul-07	cps 500. No hand sample taken.							
846284	Grid North:	Grid East:	Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199083.146 N	UTM 534546.485 E	Strike Length Exp:	Metallics:	5	0.06	12.6	0.64
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		9.1	2.9	0.49	215
Sampled By: SMB 16-Jul-07	cps 600. Subcrop hand sample taken.							
846285	Grid North:	Grid East:	Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199087.889 N	UTM 534533.236 E	Strike Length Exp:	Metallics:	37	0.06	69.5	0.35
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		24.1	9.9	0.6	920
Sampled By: SMB 16-Jul-07	cps 900. No hand sample taken.							
846286	Grid North:	Grid East:	Type: Float	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199093.57 N	UTM 534548.756 E	Strike Length Exp:	Metallics:	<5	0.01	3	0.57
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		12.6	4.1	0.13	4.8
Sampled By: SMB 16-Jul-07	cps 600. Hand sample taken.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846287 Wernecke

Grid North: UTM 7199079.843 N
Elevation
Grid East: UTM 534575.107 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: wCL
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	9.7	0.38
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.3	3.8	0.2	178

Sampled By: SMB 16-Jul-07
cps 750. No hand sample taken.

846288 Wernecke

Grid North: UTM 7199034.055 N
Elevation
Grid East: UTM 534568.466 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: wCL
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2070	0.11	4.7	0.13
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.7	2.8	8.9	1400

Sampled By: SMB 16-Jul-07
cps 1500. No hand sample taken.

846289 Wernecke

Grid North: UTM 7199036.462 N
Elevation
Grid East: UTM 534569.791 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
84	0.04	7.5	0.28
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.8	5.7	0.83	68.1

Sampled By: SMB 16-Jul-07
cps 550. No hand sample taken.

846290 Wernecke

Grid North: UTM 7199037.747 N
Elevation
Grid East: UTM 534575.094 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolthic breccia
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
97	0.05	4.6	0.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.5	4.3	5.38	420

Sampled By: SMB 16-Jul-07
cps 750. Hand sample taken.

846291 Wernecke

Grid North: UTM 7171235.375 N
Elevation
Grid East: UTM 542006.128 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: mSI
Metallics: 5%MG, 1%PY
Secondaries: sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2840	2.01	9	1555
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
38.9	22.6	339	359

Sampled By: SMB 19-Jul-07
cps 1500. Iron stained weathering.

846292 Wernecke

Grid North: UTM 7171229.865 N
Elevation
Grid East: UTM 542021.743 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: mSI
Metallics: 10%HS
Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
695	0.13	23.6	17.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.8	48.4	6.1	48.1

Sampled By: SMB 19-Jul-07
cps 300. 1000 in large chunk of float.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846293 Wernecke

Grid North: UTM 7171241.094 N
Elevation
Grid East: UTM 541973.894 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: mSI
Metallics: 4%HS
Secondaries: wGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2020	3.72	9.8	1375
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
86.4	78.5	66.3	295

Sampled By: SMB 19-Jul-07

700 cps in hand sample, 2400 in sbcrop to float.

846294 Wernecke

Grid North: UTM 7171212.551 N
Elevation
Grid East: UTM 541925.16 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: sSI
Metallics: 4%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
323	7.5	13.2	6.46
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
7.5	6.6	17.2	82.1

Sampled By: SMB 19-Jul-07

600 cps in hand sample, 2400 cps in large rock in float.

846295 Wernecke

Grid North: UTM 7171210.476 N
Elevation
Grid East: UTM 541903.517 E
Sample Width: 0 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: sSI
Metallics: 5%HS, 1%CP
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
55	1.54	12500	9.49
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.7	14.8	3.81	10.9

Sampled By: SMB 19-Jul-07

cps 400

846296 Wernecke

Grid North: UTM 7171165.336 N
Elevation
Grid East: UTM 541946.773 E
Sample Width: 0 m
Type: Select
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: sSI
Metallics: 10%HS
Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
426	0.95	85.9	191.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.6	26.1	45.5	80.6

Sampled By: SMB 19-Jul-07

600 cps in hand sample, 2200 cps in subcrop.

846297 Wernecke

Grid North: UTM 7191792.311 N
Elevation
Grid East: UTM 554859.663 E
Sample Width: 0 m
Type:
Strike Length Exp:
True Width: 0 m
Host : dolomite
Alteration: mCA, mSI
Metallics: 1%PY
Secondaries: sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	8.72	124	1.09
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
94.3	16.6	0.39	1

Sampled By: SMB 24-Jul-07

Highly weathered and altered. Small calcite veining.

846298 Wernecke

Grid North: UTM 7200144.78 N
Elevation
Grid East: UTM 534305.48 E
Sample Width: 3 m
Type: Chip
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: sCL, sMS, mCA, wKF
Metallics: 0.5%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.06	7.5	5.58
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.9	21.7	0.41	3.7

Sampled By: SMB 25-Jul-07

cps 280. Trench 1 0-3m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846299 Wernecke

Grid North: UTM 7200145.94 N
Elevation

Grid East: UTM 534304.66 E
Sample Width: 1.5 m

Type: Chip
Strike Length Exp:
True Width: 0 m
Host : dolomite

Alteration: sMS, sCL, mKF
Metallics: 0.01%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.01	7.1	1.97
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9	6.1	0.14	2.5

Sampled By: SMB
25-Jul-07

cps 320. Trench 1 3-4.5m.

846300 Wernecke

Grid North: UTM 7200147.51 N
Elevation

Grid East: UTM 534303.93 E
Sample Width: 1.5 m

Type: Chip
Strike Length Exp:
True Width: 0 m
Host : dolomite

Alteration: sMS, wCL, wKF, wCA
Metallics: 0.01%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	5	2.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
7	2.2	0.08	2

Sampled By: SMB
25-Jul-07

cps 280. Trench 1 4.5-6m.

846301 Wernecke

Grid North: UTM 7199033.844 N
Elevation

Grid East: UTM 534582.571 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host :

Alteration: mCL
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
100	0.04	63.6	0.55
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12	3.8	0.55	700

Sampled By: KD
19-Jul-07

cps 3100

846302 Wernecke

Grid North: UTM 7199034.024 N
Elevation

Grid East: UTM 534603.765 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host :

Alteration: mCL
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
12	0.29	89.9	35.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.4	5.1	0.94	1800

Sampled By: KD
19-Jul-07

cps 2000

846303 Wernecke

Grid North: UTM 7199033.257 N
Elevation

Grid East: UTM 534608.569 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host :

Alteration: mCL
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.25	36.5	22.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.4	4.6	1.61	2100

Sampled By: KD
19-Jul-07

cps 2500

846304 Wernecke

Grid North: UTM 7199046.695 N
Elevation

Grid East: UTM 534607.251 E
Sample Width: 0 m

Type: Float
Strike Length Exp:
True Width: 0 m
Host :

Alteration: mCL, mFe-CB
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.12	15.9	2.76
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.1	3.3	2	510

Sampled By: KD
19-Jul-07

cps 800. Brannerite in veins.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846305	Grid North:	Grid East:	Type: Float	Alteration: mCL, mCA	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199049.805 N	UTM 534607.215 E	Strike Length Exp:	Metallics:	<5	0.14	9.4	9.03
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		4	42.2	0.53	2300
Sampled By: KD 19-Jul-07	cps 1500. Dripping with brannerite.							
846306	Grid North:	Grid East:	Type: Float	Alteration: mCL, mFe-CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7199076.925 N	UTM 534598.277 E	Strike Length Exp:	Metallics:	<5	0.21	12.4	62.3
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		130.5	32.9	0.5	1300
Sampled By: KD 19-Jul-07	cps 1300							
846307	Grid North:	Grid East:	Type: Chip	Alteration: mCL, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7211959 N	UTM 529252 E	Strike Length Exp:	Metallics:	<5	0.02	3.7	0.48
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		34.3	6.5	0.13	8.2
Sampled By: KD 27-Jul-07	cps 200 1 meter 1							
846308	Grid North:	Grid East:	Type: Chip	Alteration: wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7211959 N	UTM 529251 E	Strike Length Exp:	Metallics:	231	0.09	131.5	1.9
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : quartz/plagioclase		21	12.4	1.53	169
Sampled By: KD 27-Jul-07	cps 1600. JAM sample # 847140.							
846309	Grid North:	Grid East:	Type: Chip	Alteration: mCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7211959 N	UTM 529250 E	Strike Length Exp:	Metallics:	<5	0.02	8.1	0.37
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		42.4	9.4	0.05	3.4
Sampled By: KD 27-Jul-07	cps 200							
846310	Grid North:	Grid East:	Type: Chip	Alteration: wCL, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7211953 N	UTM 529239 E	Strike Length Exp:	Metallics:	<5	0.04	13550	1.1
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: wAZ, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		19.7	10.6	0.16	8.7
Sampled By: KD 27-Jul-07	cps 250 1m 1							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846311 Wernecke
Grid North: UTM 7211952 N Elevation
Grid East: UTM 529239 E Sample Width: 0 m
Type: Chip Strike Length Exp: True Width: 0 m Host : breccia
Alteration: mCL, wQZ Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	534	0.43
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.5	6.9	0.12	57

Sampled By: KD 27-Jul-07
cps 12500. JAM sample # 847141.

846312 Wernecke
Grid North: UTM 7211951 N Elevation
Grid East: UTM 529239 E Sample Width: 0 m
Type: Chip Strike Length Exp: True Width: 0 m Host : breccia
Alteration: mCL, wQZ Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	84.8	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.1	5	0.1	19.5

Sampled By: KD 27-Jul-07
cps 300

846313 Wernecke
Grid North: UTM 7211952 N Elevation
Grid East: UTM 529198 E Sample Width: 0 m
Type: Chip Strike Length Exp: True Width: 0 m Host : breccia
Alteration: mCL, wQZ Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.26	9.7	0.54
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.4	8.7	0.02	5.1

Sampled By: KD 27-Jul-07
cps 350

846314 Wernecke
Grid North: UTM 7211951 N Elevation
Grid East: UTM 529198 E Sample Width: 0 m
Type: Chip Strike Length Exp: True Width: 0 m Host : breccia
Alteration: mCL, wQZ Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.22	114	0.17
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.3	5.7	0.15	152

Sampled By: KD 27-Jul-07
cps 2000. JAM sample #847144.

846315 Wernecke
Grid North: UTM 7211950 N Elevation
Grid East: UTM 529198 E Sample Width: 0 m
Type: Chip Strike Length Exp: True Width: 0 m Host : breccia
Alteration: mCL, wQZ Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	4.4	0.51
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
41.5	11.4	0.16	3.8

Sampled By: KD 27-Jul-07
cps 200

846316 Wernecke
Grid North: UTM 7200483.064 N Elevation
Grid East: UTM 534855.73 E Sample Width: 0 m
Type: Grab Strike Length Exp: True Width: 0 m Host : siltstone
Alteration: sSI Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.14	36.7	3.59
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.1	6.4	0.41	8.2

Sampled By: KD 17-Aug-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846317 Wernecke	Grid North: UTM 7200489.252 N	Grid East: UTM 534855.23 E	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp: True Width: 0 m	Metallics: Secondaries:	2940	0.32	846	3.4
			Host : siltstone		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					5.2	9.1	0.45	7.5
Sampled By: KD 17-Aug-07								
846318 Wernecke	Grid North: UTM 7200466.199 N	Grid East: UTM 534853.105 E	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp: True Width: 0 m	Metallics: 1%CP Secondaries:	34	0.2	722	15.05
			Host : siltstone		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					20.5	85.5	0.95	4.6
Sampled By: KD 17-Aug-07								
846319 Wernecke	Grid North: UTM 7200485.818 N	Grid East: UTM 534850.767 E	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp: True Width: 0 m	Metallics: 1%CP Secondaries:	12	0.08	183	10.85
			Host : siltstone		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					3.8	13.6	0.21	3.2
Sampled By: KD 17-Aug-07								
846320 Wernecke	Grid North: UTM 7200487.76 N	Grid East: UTM 534857.035 E	Type: Grab	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp: True Width: 0 m	Metallics: 0.1%CP, 1%PY Secondaries:	12	0.19	1030	2.94
			Host : siltstone		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					8.5	11.1	0.27	0.6
Sampled By: KD 17-Aug-07								
846321 Wernecke	Grid North: UTM 7200483.908 N	Grid East: UTM 534857.568 E	Type: Grab	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp: True Width: 0 m	Metallics: 0.1%CP, 0.5%PY Secondaries:	143	0.07	126	2.58
			Host : siltstone		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					13.3	18.9	0.13	0.4
Sampled By: KD 17-Aug-07								
846322 Wernecke	Grid North: UTM 7200477.653 N	Grid East: UTM 534849.122 E	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp: True Width: 0 m	Metallics: 0.5%CP Secondaries:	<5	0.06	12.7	1.5
			Host : siltstone		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					14	41.1	0.25	1.5
Sampled By: KD 17-Aug-07								

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846323 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200474.81	N	UTM 534848.109	E	Strike Length Exp:	Metallics: 2%PY	6	0.08	15.5	4.44
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		11.8	131.5	1.27	3.4
Sampled By: KD 17-Aug-07										
846324 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200490.653	N	UTM 534852.772	E	Strike Length Exp:	Metallics: 1%CP, 1%PY	<5	0.04	23.1	3.21
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		10.3	65	0.29	4.1
Sampled By: KD 17-Aug-07										
846325 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200462.265	N	UTM 534858.609	E	Strike Length Exp:	Metallics: 1%CP, 1%PY	<5	0.06	32.5	3.11
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		37.8	272	1.41	1.7
Sampled By: KD 17-Aug-07										
846326 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200487.287	N	UTM 534843.719	E	Strike Length Exp:	Metallics: 1%CP, 2%PY	<5	0.41	49.9	7.12
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		15.9	82.4	1.56	1.4
Sampled By: KD 17-Aug-07										
846327 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200472.061	N	UTM 534845.505	E	Strike Length Exp:	Metallics: 1%CP, 3%PY	<5	0.25	336	1.32
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		71.6	340	1.52	1.9
Sampled By: KD 17-Aug-07										
846328 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200462.416	N	UTM 534857.973	E	Strike Length Exp:	Metallics: 1%CP, 2%PY	<5	0.09	71.5	1.54
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		11.3	38.7	0.18	2.5
Sampled By: KD 17-Aug-07										

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846329 Wernecke	Grid North: UTM 7200484.842 N	Grid East: UTM 534839.117 E	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 1%CP, 2%PY	<5	0.04	25.4	0.73
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		8.8	35.4	0.13	2.7
Sampled By: KD 17-Aug-07								
846330 Wernecke	Grid North: UTM 7200483.841 N	Grid East: UTM 534837.464 E	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 1%CP, 2%PY	<5	0.05	14.9	0.73
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		4.4	21.9	0.12	4.4
Sampled By: KD 17-Aug-07								
846331 Wernecke	Grid North: UTM 7200476.949 N	Grid East: UTM 534848.865 E	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 1%CP, 3%PY	20	0.12	61.5	1.35
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		66.4	472	2.36	1.8
Sampled By: KD 17-Aug-07								
846332 Wernecke	Grid North: UTM 7200471.986 N	Grid East: UTM 534850.275 E	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 1%CP, 2%PY	<5	0.03	26.3	1.22
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		9.2	38.3	0.43	2.2
Sampled By: KD 17-Aug-07								
846333 Wernecke	Grid North: UTM 7200504.067 N	Grid East: UTM 534832.627 E	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics:	23	0.05	438	3.03
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : slate		5.4	7.9	0.45	5.3
Sampled By: KD 17-Aug-07								
846334 Wernecke	Grid North: UTM 7200504.598 N	Grid East: UTM 534831.721 E	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 1%CP, 2%PY	17	0.2	47.3	2.8
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		29.9	108.5	4.42	2.8
Sampled By: KD 17-Aug-07								

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846335 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200500.427 N	UTM 534824.064 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	17	0.23	48.1	3.11
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		33.2	117	4.95	3.2
Sampled By: KD 17-Aug-07								
846336 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200502.135 N	UTM 534824.745 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	44	0.42	3710	2.76
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mMC, mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		19.6	34.9	0.68	4
Sampled By: KD 17-Aug-07								
846337 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200502.019 N	UTM 534824.473 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	34	0.24	838	6.42
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		36	124	7.23	5.9
Sampled By: KD 17-Aug-07								
846338 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCL, sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200513.246 N	UTM 534833.095 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	14	0.19	34.4	3.44
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		13.7	54.5	1.75	2.4
Sampled By: KD 17-Aug-07								
846339 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200512.857 N	UTM 534815.69 E	Strike Length Exp:	Metallics:	21	0.16	80.3	1.7
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		102	109.5	1.63	4.5
Sampled By: KD 17-Aug-07								
846340 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200510.199 N	UTM 534805.657 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	5	0.06	21.3	1.3
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		21.6	20.1	0.13	3.5
Sampled By: KD 17-Aug-07								

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846341 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200501.261 N	UTM 534790.592 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	20	0.09	57.3	4.49
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		28.7	287	1.25	41.6
Sampled By: KD 17-Aug-07								
846342 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200507.949 N	UTM 534788.956 E	Strike Length Exp:	Metallics: 0.5%PY	<5	<0.01	7.9	2.91
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		25	15.6	0.16	9.2
Sampled By: KD 17-Aug-07								
846343 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCL, mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200520.701 N	UTM 534773.667 E	Strike Length Exp:	Metallics: 1%PY, 1%HS	11	0.05	29.8	4.95
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		16	18.6	1.37	6.5
Sampled By: KD 17-Aug-07								
846344 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200530.105 N	UTM 534766.882 E	Strike Length Exp:	Metallics: 1%CP, 1%PY	6	0.05	15.6	4.57
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		24.9	47.8	0.3	5.1
Sampled By: KD 17-Aug-07								
846345 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: sSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200495.776 N	UTM 534755.977 E	Strike Length Exp:	Metallics:	10005	0.36	26.3	3.33
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		22	30.1	0.25	4.8
Sampled By: KD 17-Aug-07								
846351 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200781.99 N	UTM 534718 E	Strike Length Exp:	Metallics: CP, 1%PY	111	0.48	1170	16.85
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone [alteration?]		23.9	17.2	0.15	12.5
Sampled By: JMC 17-Jun-07	cps 450							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846352 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202000.26 N	UTM 534404.69 E	Strike Length Exp:	Metallics:	<5	0.04	9.7	2.74
	Elevation	Sample Width: 0.3 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		53.6	26.5	0.06	288
Sampled By: JMC 18-Jun-07	cps 450. Taken from outcrop that read 1000 cps.							
846353 Wernecke	Grid North:	Grid East:	Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202016.26 N	UTM 534210.82 E	Strike Length Exp:	Metallics:	7	0.21	42.8	13.85
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		100.5	3.7	0.4	920
Sampled By: JMC 18-Jun-07	cps 1150							
846354 Wernecke	Grid North:	Grid East:	Type: Select/Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201943.64 N	UTM 534162.71 E	Strike Length Exp:	Metallics:	<5	0.09	37	14.3
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		82.9	4.6	0.15	80.6
Sampled By: JMC 18-Jun-07	cps 400. Taken from outcrop that read 2500 cps.							
846355 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191329.22 N	UTM 555694.04 E	Strike Length Exp:	Metallics:	<5	0.09	10.7	0.64
	Elevation	Sample Width: 0.3 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		16.3	11	0.06	2.1
Sampled By: JMC 19-Jun-07								
846356 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191187.33 N	UTM 555712.01 E	Strike Length Exp:	Metallics:	85	0.84	81.2	3.82
	Elevation	Sample Width: 0.4 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		21	9.9	1.04	140.5
Sampled By: JMC 19-Jun-07	cps 300. Taken from outcrop reading 1100 cps.							
846357 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191254.13 N	UTM 555715.18 E	Strike Length Exp:	Metallics:	<5	0.19	87.9	0.51
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		15.1	33.2	0.16	2.4
Sampled By: JMC 19-Jun-07	Subcrop.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846358 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191029.01	N	UTM 556259.35	E	Strike Length Exp:	Metallics: 2%PY	59	4.86	12950	26.2
	Elevation		Sample Width: 0.8	m	True Width: 0 m	Secondaries: mMC, wAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		53.3	87.5	2.24	17.1
Sampled By: JMC 19-Jun-07	cps 500									
846359 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7190963.38	N	UTM 556197.48	E	Strike Length Exp:	Metallics:	18	0.54	114	2.2
	Elevation		Sample Width: 0.3	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		30.4	92.5	4.13	4.2
Sampled By: JMC 19-Jun-07										
846360 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7190970.2	N	UTM 556182.64	E	Strike Length Exp:	Metallics: 2%PY	6	0.9	2550	8.86
	Elevation		Sample Width: 0.5	m	True Width: 0 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		15.9	23.7	0.34	6.7
Sampled By: JMC 19-Jun-07										
846361 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7190985.66	N	UTM 555976.19	E	Strike Length Exp:	Metallics:	<5	0.27	48.6	0.76
	Elevation		Sample Width: 0.5	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		16.9	8	0.52	2.8
Sampled By: JMC 19-Jun-07										
846362 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7191001.66	N	UTM 555894.51	E	Strike Length Exp:	Metallics:	588	4.87	25.1	18.25
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		21.8	13.8	2.36	258
Sampled By: JMC 20-Jun-07	cps 500. Taken from outcrop reading 2500 cps.									
846363 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration: sMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7190961.21	N	UTM 556118.19	E	Strike Length Exp:	Metallics:	5	0.07	43.5	0.37
	Elevation		Sample Width: 0.3	m	True Width: 0 m	Secondaries: mER	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		52.7	1345	0.83	2.8
Sampled By: JMC 20-Jun-07	cobalt bloom on outcrop.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846364 Wernecke

Grid North: UTM 7191016.83 N
Elevation
Grid East: UTM 556308.42 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics: 2%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.56	558	7.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.5	45.3	0.32	5.4

Sampled By: JMC 20-Jun-07
carbonate altered?

846365 Wernecke

Grid North: UTM 7191026.2 N
Elevation
Grid East: UTM 556326.52 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics: 2%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
20	0.91	1820	7.26
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12	21.2	0.99	5.5

Sampled By: JMC 20-Jun-07
carbonate altered?

846366 Wernecke

Grid North: UTM 7210455.48 N
Elevation
Grid East: UTM 525525.74 E
Sample Width: 0.25 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host :
Alteration: mFe-CB, sQZ
Metallics: 5%PY, 5%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
64	82.5	57900	0.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
101	224	16.25	0.5

Sampled By: JMC 21-Jun-07
Near contact between breccia and sediments

846367 Wernecke

Grid North: UTM 7210466.16 N
Elevation
Grid East: UTM 525472.17 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host :
Alteration: mFe-CB, sQZ
Metallics: 15%PY, 1%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
47	8.05	21000	0.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
41.9	96.7	12.2	0.7

Sampled By: JMC 21-Jun-07
Near contact between breccia and sediments.

846368 Wernecke

Grid North: UTM 7211521.29 N
Elevation
Grid East: UTM 525602.77 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : siltstone [feldspar silica altered]
Alteration: mSI, mQZ
Metallics: CP
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
389	1.7	86.1	86.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31	95	11.9	1900

Sampled By: JMC 21-Jun-07
cps 1500. Taken from boulder reading 6000 cps.

846369 Wernecke

Grid North: UTM 7211523.98 N
Elevation
Grid East: UTM 525593 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : siltstone [feldspar silica altered]
Alteration: mSI, mQZ
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
338	2.03	82.4	83
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.1	23.3	34.3	2200

Sampled By: JMC 21-Jun-07
cps 2000. Taken from rocks reading aproximately 3000-7000 cps.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846370 Wernecke

Grid North: UTM 7211529.25 N
Elevation
Grid East: UTM 525592.25 E
Sample Width: 0.2 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : siltstone [feldspar silica altered]
Alteration: mSI, mQZ
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
47	0.27	29	6.86
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	97.8	13.1	297

Sampled By: JMC
21-Jun-07

cps 400. Taken from boulder reading 5000 cps.

846371 Wernecke

Grid North: UTM 7211617.63 N
Elevation
Grid East: UTM 525300.98 E
Sample Width: 0.2 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : siltstone
Alteration:
Metallics: CP
Secondaries: wMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
35	0.11	1910	2.67
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.7	4.7	2.03	5.8

Sampled By: JMC
21-Jun-07

Sampled in creek.

846372 Wernecke

Grid North: UTM 7210946.3 N
Elevation
Grid East: UTM 525591.61 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : siltstone [feldspar silica altered]
Alteration: mQZ, sSI
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10100	15.4	44.6	5.15
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
268	24.8	2120	217

Sampled By: JMC
22-Jun-07

cps 400. Taken from outcrop reading 1500 cps.

846373 Wernecke

Grid North: UTM 7210374.89 N
Elevation
Grid East: UTM 525386.93 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration: sFe-CB, sQZ
Metallics: 2%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.4	1630	0.29
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.9	13	1.37	0.8

Sampled By: JMC
22-Jun-07

846374 Wernecke

Grid North: UTM 7210916.401 N
Elevation
Grid East: UTM 525741.487 E
Sample Width: 0 m
Type:
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.06	22.1	0.78
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.4	5.9	0.14	69.9

Sampled By: JMC
22-Jun-07

846375 Wernecke

Grid North: UTM 7202949 N
Elevation
Grid East: UTM 530111 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics: 2%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.22	513	0.87
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
1.8	9.2	1.89	0.8

Sampled By: JMC
07-Sep-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846376 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202997	N	UTM 529850	E	Strike Length Exp:	Metallics: CP	5	0.11	38.9	2.25
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		10.5	16.2	0.81	4.7
Sampled By: JMC 07-Sep-07	cps 400									
846377 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201959.009	N	UTM 530062.689	E	Strike Length Exp:	Metallics: 1%CP	9	0.09	1660	2.93
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		6.5	101	0.47	6.9
Sampled By: JMC 07-Oct-07	cps 450									
846378 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201929.195	N	UTM 530096.692	E	Strike Length Exp:	Metallics:	14	0.15	140.5	2
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		32.1	144	0.65	13.3
Sampled By: JMC 07-Oct-07	cps 500									
846379 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201896.777	N	UTM 530123.479	E	Strike Length Exp:	Metallics:	13	0.13	42.9	4.06
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		26.9	158	0.75	20
Sampled By: JMC 07-Oct-07	cps 550									
846380 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201710.108	N	UTM 530050.307	E	Strike Length Exp:	Metallics:	15	0.23	154	2.14
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		57.5	228	1.24	51.6
Sampled By: JMC 07-Oct-07	cps 1200									
846381 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7201701.618	N	UTM 530057.917	E	Strike Length Exp:	Metallics:	18	0.19	600	6.6
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		53.8	146.5	1.24	35.1
Sampled By: JMC 07-Oct-07	cps 800									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846382 Wernecke

Grid North: UTM 7201607.984 N
Elevation
Grid East: UTM 530084.002 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
32	0.19	346	14
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16	120.5	0.93	70.9

Sampled By: JMC
07-Oct-07

cps 1200

846383 Wernecke

Grid North: UTM 7201590.761 N
Elevation
Grid East: UTM 530089.881 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics: 1%CP
Secondaries: wHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	0.22	6950	13.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
12.9	193.5	0.52	28.2

Sampled By: JMC
07-Oct-07

cps 1000

846384 Wernecke

Grid North: UTM 7202657.843 N
Elevation
Grid East: UTM 529766.772 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	1	347	11.7
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
51.5	60.6	4.04	58.2

Sampled By: JMC
07-Nov-07

cps 1000

846385 Wernecke

Grid North: UTM 7202678.502 N
Elevation
Grid East: UTM 529749.341 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics:
Secondaries: mHE, mMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
57	3.52	3270	7.74
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
61.7	184.5	5.72	272

Sampled By: JMC
07-Nov-07

cps 10000

846386 Wernecke

Grid North: UTM 7202702.08 N
Elevation
Grid East: UTM 529739.854 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics: 1%CP, 30%MG
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
30	0.88	1760	45.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
29.7	35.8	4.3	71.2

Sampled By: JMC
07-Nov-07

cps 1200

846387 Wernecke

Grid North: UTM 7202698.098 N
Elevation
Grid East: UTM 529723.615 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : sediments
Alteration:
Metallics: 5%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	2.81	151	356
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
78.2	85.5	4.17	7.2

Sampled By: JMC
07-Nov-07

Heavy gossan and strong alteration.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846388 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202750.807	N	UTM 529685.271	E	Strike Length Exp:	Metallics: 1%PY	8	0.26	128.5	9.8
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		17.5	14.7	0.21	11.5
Sampled By: JMC 07-Jul-07	cps 700									
846389 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202722.839	N	UTM 529724.87	E	Strike Length Exp:	Metallics:	20	0.45	1930	14.3
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wMC, wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		43.2	152.5	1.27	14
Sampled By: JMC 07-Jul-07	cps 600									
846390 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202722.639	N	UTM 529733.914	E	Strike Length Exp:	Metallics:	727	0.58	51.6	21.1
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		60.5	16.7	1.47	296
Sampled By: JMC 07-Jul-07	cps 1500									
846391 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7202718.296	N	UTM 529750.921	E	Strike Length Exp:	Metallics: 2%CP, 5%MG	43	0.87	6690	18.5
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : breccia?		18.6	201	1.07	14.2
Sampled By: JMC 07-Jul-07										
846392 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7198972.267	N	UTM 537113.146	E	Strike Length Exp:	Metallics: 1%CP, PY	25	0.75	12050	7.52
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sMC, mAZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		9	4.1	0.46	19.8
Sampled By: JMC 07-Jul-07	cps 350									
846393 Wernecke	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7199032.115	N	UTM 537111.801	E	Strike Length Exp:	Metallics: 1%CP, 1%PY	38	0.08	4020	2.68
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		12.3	19.5	0.68	5.7
Sampled By: JMC 07-Jul-07										

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846394	Grid North:		Grid East:		Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7198949.873	N	UTM 537231.928	E	Strike Length Exp:	Metallics: 5%CP	671	0.46	33000	4.17
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: sMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		169	143	10.55	3
Sampled By: JMC 07-Jul-07										
846395	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7198783.282	N	UTM 537276.248	E	Strike Length Exp:	Metallics: 2%CP	144	7.23	11900	0.95
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		532	209	282	0.5
Sampled By: JMC 07-Jul-07	Quartz/calcite vein?									
846396	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7198765.93	N	UTM 537281.232	E	Strike Length Exp:	Metallics: 2%C{	27	1.73	3480	1.12
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		39.7	24.4	3.01	0.5
Sampled By: JMC 07-Jul-07	Quartz/calcite vein?									
846397	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7197764.502	N	UTM 538923.755	E	Strike Length Exp:	Metallics: 1%CP	<5	0.1	362	0.83
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		15.7	11.8	2.43	4.1
Sampled By: JMC 14-Jul-07	cps 300									
846398	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7197727.75	N	UTM 538843.223	E	Strike Length Exp:	Metallics: CP	223	0.01	1500	14.05
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		21.9	49.8	1.77	10.7
Sampled By: JMC 14-Jul-07	cps 550									
846399	Grid North:		Grid East:		Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7197746.524	N	UTM 538794.623	E	Strike Length Exp:	Metallics: CP, 2%PY	19	0.02	183	5.39
	Elevation		Sample Width: 0	m	True Width: 0 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : sediments		14.2	13.9	0.21	2.6
Sampled By: JMC 14-Jul-07	cps 350									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846400 Wernecke	Grid North: UTM 7197740.328 N	Grid East: UTM 538787.946 E	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0 m	Strike Length Exp:	Metallics: 1%CP, 2%PY	15	0.08	1625	4.07
			True Width: 0 m	Secondaries: mHE, wMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		11.4	7.1	0.17	29.7
Sampled By: JMC 14-Jul-07	cps 350							
846401 Wernecke	Grid North: UTM 7200148.83 N	Grid East: UTM 534303.23 E	Type: Chip	Alteration: sMS, mCL, mQZ, mKF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 1.5 m	Strike Length Exp:	Metallics: 1%HS	7	0.06	6.2	2.56
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		34.5	25.9	0.39	2.5
Sampled By: SMB 25-Jul-07	cps 300. Trench 1 6-7.5m.							
846402 Wernecke	Grid North: UTM 7200150.02 N	Grid East: UTM 534302.6 E	Type: Chip	Alteration: sMS, mQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 1.5 m	Strike Length Exp:	Metallics:	<5	0.02	4.9	0.7
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		9.2	3.8	0.09	1.6
Sampled By: SMB 25-Jul-07	cps 390. Trench 1 7.5-9m.							
846403 Wernecke	Grid North: UTM 7200151.47 N	Grid East: UTM 534301.69 E	Type: Chip	Alteration: sMS, mQZ, wCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp:	Metallics:	5	0.01	4.1	0.72
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		11	4.1	0.09	1.9
Sampled By: SMB 25-Jul-07	cps 400. Trench 1 9-11m.							
846404 Wernecke	Grid North: UTM 7200153.31 N	Grid East: UTM 534300.89 E	Type: Chip	Alteration: sMS, mQZ, wCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp:	Metallics:	6	0.03	12.6	2.44
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		12.7	12.3	0.28	3
Sampled By: SMB 25-Jul-07	cps 400. Trench 1 11-13m.							
846405 Wernecke	Grid North: UTM 7200155.16 N	Grid East: UTM 534299.79 E	Type: Chip	Alteration: sMS, mCB, mCL, wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 2 m	Strike Length Exp:	Metallics: 2%HS	9	0.08	9.2	3.39
			True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		33	35.9	0.41	5.1
Sampled By: SMB 25-Jul-07	cps 350. Trench 1 13-15m; weak potassium feldspar(?).							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846406 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sMS, wCB, wSI, wCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200156.58 N	UTM 534298.66 E	Strike Length Exp:	Metallics:	6	0.01	5.1	0.77
	Elevation	Sample Width: 2 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		13.4	5.7	0.08	2.2
Sampled By: SMB 25-Jul-07	cps 340. Trench 1 15-17m.							
846407 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sMS, mCB, wCL, wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200159.06 N	UTM 534297.65 E	Strike Length Exp:	Metallics: 2%HS, 0.2%MG< 0.01%P	8	0.08	5.8	6.53
	Elevation	Sample Width: 3 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : heterolithic breccia		26.5	39.4	0.45	4.1
Sampled By: SMB 25-Jul-07	cps 280. Trench 1 17-20m.							
846408 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCA, wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200197.98 N	UTM 534387.4 E	Strike Length Exp:	Metallics: 0.3%HS	14	0.3	485	8.12
	Elevation	Sample Width: 1 m	True Width: 0 m	Secondaries: MC, AZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		12.5	18	0.37	4.2
Sampled By: SMB 25-Jul-07	cps 220. Trench 3 1-2m.							
846409 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCA, wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200195.56 N	UTM 534387.56 E	Strike Length Exp:	Metallics: 0.3%HS	357	8.74	13250	43.3
	Elevation	Sample Width: 1 m	True Width: 0 m	Secondaries: MC, AZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		42.4	184.5	2.05	11
Sampled By: SMB 25-Jul-07	cps 210. Trench 3 3-4m.							
846410 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wCA, wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200196.83 N	UTM 534387.76 E	Strike Length Exp:	Metallics: 0.3%HS	28	0.58	1425	19.9
	Elevation	Sample Width: 1 m	True Width: 0 m	Secondaries: MC, AZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		24.9	178	0.44	7.5
Sampled By: SMB 25-Jul-07	cps 230. Trench 3 2-3m.							
846411 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200193.91 N	UTM 534387.93 E	Strike Length Exp:	Metallics: 0.3%HS	6	0.14	90.3	5.96
	Elevation	Sample Width: 3 m	True Width: 0 m	Secondaries: MC (trace)	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		10.5	18.4	0.24	3.9
Sampled By: SMB 25-Jul-07	cps 220. Trench 3 4-7m.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846412 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200191.42 N	UTM 534388.41 E	Strike Length Exp:	Metallics: 0.3%HS	8	0.08	111	2.78
	Elevation	Sample Width: 2 m	True Width: 0 m	Secondaries: MC (trace)	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		7.8	10.2	0.1	2.3
Sampled By: SMB 25-Jul-07	cps 210. Trench 3 7-9m.							
846413 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200189.1 N	UTM 534389.33 E	Strike Length Exp:	Metallics: 0.3%HS	8	0.1	90.8	19.1
	Elevation	Sample Width: 3 m	True Width: 0 m	Secondaries: MC (trace)	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		10.7	23.9	0.52	4.5
Sampled By: SMB 25-Jul-07	cps 200. Trench 3 9-12m.							
846414 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200186.36 N	UTM 534390.03 E	Strike Length Exp:	Metallics: 0.3%HS	5	0.04	36.3	12.9
	Elevation	Sample Width: 2 m	True Width: 0 m	Secondaries: MC (trace)	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		9.5	26.8	0.19	4.5
Sampled By: SMB 25-Jul-07	cps 220. Trench 3 12-14m.							
846415 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: wMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200184.53 N	UTM 534390.6 E	Strike Length Exp:	Metallics: 0.3%HS	6	0.11	8.8	30.7
	Elevation	Sample Width: 1.5 m	True Width: 0 m	Secondaries: MC (trace)	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		10	24.7	0.34	4.7
Sampled By: SMB 25-Jul-07	cps 300. Trench 3 14-15.5m.							
846416 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sSI, sCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200183.5 N	UTM 534390.89 E	Strike Length Exp:	Metallics: 0.5%HS	6	0.12	10.4	27.3
	Elevation	Sample Width: 0.5 m	True Width: 0 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : dolomite		10.8	12.8	0.1	5.8
Sampled By: SMB 25-Jul-07	cps 210. Trench 3 15.5-16m.							
846417 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: iCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200182.71 N	UTM 534391.1 E	Strike Length Exp:	Metallics: 0.01%HS	7	0.14	10.4	26.1
	Elevation	Sample Width: 1 m	True Width: 0 m	Secondaries: LI, JA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : vein		12.3	19.3	0.1	20.4
Sampled By: SMB 25-Jul-07	cps 240. Trench 3 16-17m.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846418 Wernecke

Grid North: UTM 7200182.71 N | Grid East: UTM 534391.77 E | Elevation | Sample Width: 1 m

Type: Chip | Strike Length Exp: | True Width: 0 m | Host : metasomatised sed. rocks

Alteration: sMS, mSI, wCY | Metallics: | Secondaries: Uranophane

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	0.26	10.7	39.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.4	63.1	0.5	13.4

Sampled By: SMB 25-Jul-07

cps 400. Trench 3 (upper part) 16.5-17.5m.

846419 Wernecke

Grid North: UTM 7200182.02 N | Grid East: UTM 534391.4 E | Elevation | Sample Width: 1 m

Type: Chip | Strike Length Exp: | True Width: 0 m | Host : dolomite

Alteration: sSI, sCB | Metallics: 0.5%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10	0.22	6.7	36.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.6	42.5	0.25	8.5

Sampled By: SMB 25-Jul-07

cps 350. Trench 3 17-18m.

846420 Wernecke

Grid North: UTM 7200181.19 N | Grid East: UTM 534391.97 E | Elevation | Sample Width: 1 m

Type: Chip | Strike Length Exp: | True Width: 0 m | Host : dolomite

Alteration: mSI | Metallics: 0.3%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	0.2	6.2	22.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.7	38.9	0.22	5

Sampled By: SMB 25-Jul-07

cps 215. Trench 3 18-19m.

846421 Wernecke

Grid North: UTM 7200180.44 N | Grid East: UTM 534392.22 E | Elevation | Sample Width: 1 m

Type: Chip | Strike Length Exp: | True Width: 0 m | Host : dolomite

Alteration: mSI | Metallics: 0.3%HS | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
32	0.47	6.9	115
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26.7	67.9	0.7	3.1

Sampled By: SMB 25-Jul-07

cps 180. Trench 3 19-20m.

846422 Wernecke

Grid North: UTM 7206931 N | Grid East: UTM 527813 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : brecciated silt sandstone(jasperite)

Alteration: | Metallics: As ?, 1%CP, 2%HS, 5%P | Secondaries: mGE, sHE, tr MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10100	23.9	590	42.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
82.8	104	347	10100

Sampled By: TS

cps 9999. Tiny stones below here in float ran as high as 9999 cps. Soil in aluvium runs high as you dig into it.

846423 Wernecke

Grid North: UTM 7206914 N | Grid East: UTM 527809 E | Elevation | Sample Width:

Type: Float | Strike Length Exp: | True Width: | Host : brecciated silt sandstone(jasperite)

Alteration: | Metallics: As ?, 1%CP, 5%HS, 5%P | Secondaries: mGE, sHE, wJA, Uranop

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
4270	1.62	303	26.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.4	30.5	12.95	1600

Sampled By: TS

cps 2500. Soil runs 500-700 as you dig into it.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846424 Wernecke

Grid North:		Grid East:		Type: Chip	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7206788	N	UTM 527902	E	Strike Length Exp: 10 m	Metallics: 1%CP, 5%HS	10100	2.32	523	27.3
Elevation		Sample Width: 2.5	m	True Width: 2.5 m	Secondaries: sGE, sHE, mMC, Uranop	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		165°/50°		Host : brecciated silt sandstone(jasperite)		60.3	54.7	10.35	2200

Sampled By: TS cps 9999. Dip = 50Rt; Metallics5 = Branerite. Possible trace erythrite. This Zone is now the Atom Tan, the high grade is narrow but the whole zone probably runs 10 to 15 m.

846425 Wernecke

Grid North:		Grid East:		Type: Chip	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7206801	N	UTM 527894	E	Strike Length Exp: 20 m	Metallics: 0.5%CP, 5%HS	79	0.27	148.5	15.45
Elevation		Sample Width: 1	m	True Width: 1 m	Secondaries: mGE, mHE, tr MC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		165°/50°		Host : layered and veined siltstone		46.8	12.4	1.18	19.4

Sampled By: TS cps 700 Dip = 50Rt; Possible trace erythrite. This Zone is now the Atom Tan, the high grade is narrow but the whole zone probably runs 10 to 15 m.

846426 Wernecke

Grid North:		Grid East:		Type: Grab	Alteration: QZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7207065	N	UTM 527577	E	Strike Length Exp: 300 m	Metallics: 40%HS, 0.5%CP	10100	258	258	3210
Elevation		Sample Width: 0.3	m	True Width: 0.3 m	Secondaries: mGE, sHE, tr MC, Urano	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
		165°/50°		Host : massive hematite siltstone/sandstone		13.6	4.6	585	249

Sampled By: TS cps 1500. Large bed of massive hematite up to 8 m wide, usually doesn't run the scintillometer but locally strong radioactivity. Found some altered float below with no specular hematite that led me here that runs up to 3000 cps.

846427 Wernecke

Grid North:		Grid East:		Type: Float	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7207068	N	UTM 527590	E	Strike Length Exp:	Metallics:	1255	17.65	36.6	79.7
Elevation		Sample Width:		True Width:	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : altered siltstone poss breccia?		37.2	10.2	7.98	820

Sampled By: TS cps 1400. Trace to here. Some of the float to here ran as high as 3000 cps. Massive hematite bed just up hill.

846428 Wernecke

Grid North:		Grid East:		Type: Chip	Alteration: QZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7207103	N	UTM 527574	E	Strike Length Exp: 300 m	Metallics: 50%HS, 0.5%CP	47	1.14	7.9	62.3
Elevation		Sample Width: 5	m	True Width: 5 m	Secondaries: mGE, sHE	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : sandstone/massive hematite		6.1	2.7	3.26	7.8

Sampled By: TS Huge massive hematite bed can be traced for 400m, possibley more. Some poddy radioactivity to the southeast (cps 150-200).

846429 Wernecke

Grid North:		Grid East:		Type: Chip	Alteration: QZ	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
UTM 7207199	N	UTM 527501	E	Strike Length Exp: 300 m	Metallics: 50%HS	11	0.86	15.2	36.6
Elevation		Sample Width: 8	m	True Width: 8 m	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
				Host : massive hematite siltstone/sandstone		9.5	3.5	0.88	6.5

Sampled By: TS Massive hematite bed, may be related to radioactive section far to the northwest, no cps. Unit above seems to run a little higher 400-500. Trying to show extent of bed and check for gold numbers.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846430 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: mCB, HE	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204258.16 N	UTM 528219.67 E	Strike Length Exp:	Metallics: 0.3%Brannerite, 5%HE	82	1.29	57.5	5.01
	Elevation	Sample Width:	True Width:	Secondaries: sHE, Uraniphane	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : hematitic sand stone		43.2	33.3	7.96	3000
Sampled By: TS 15-Aug-07	Select spot from boulder.							
846431 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: HE	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204277.57 N	UTM 528232.57 E	Strike Length Exp:	Metallics: CP	6	0.07	29.5	3.04
	Elevation	Sample Width:	True Width:	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : pebble conglomerate?		30.5	14.2	0.25	400
Sampled By: TS 15-Aug-07	cps 1500. This rock runs more consistant throughout with scint.							
846432 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: HE, wCB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204289.68 N	UTM 528275.19 E	Strike Length Exp:	Metallics: PY, CP	18	0.09	89	5.78
	Elevation	Sample Width:	True Width:	Secondaries: sGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : altered breccia		24.7	14.3	0.28	304
Sampled By: TS 15-Aug-07								
846433 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: HE, CB, QZ, MS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204680.92 N	UTM 528373.34 E	Strike Length Exp: 10 m	Metallics:	96	1.23	46.2	12.95
	Elevation	Sample Width: 0.2 m	True Width: 0.2 m	Secondaries: GE, MG	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : altered breccia		10.1	43.6	1.76	50.4
Sampled By: TS 15-Aug-07	Old drill hole close by, 115 from 94.							
846434 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: QZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204750.43 N	UTM 528027.27 E	Strike Length Exp:	Metallics: PY	229	0.13	22.6	6.89
	Elevation	Sample Width: 0 m	True Width: 0 m	Secondaries: GE, HE, Uranophane	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : fine grained siltstone		24	5.1	0.29	118.5
Sampled By: TS 22-Aug-07	cps 700. Seems to be localized.							
846435 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: sQZ, CL, SI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204293.71 N	UTM 528300.09 E	Strike Length Exp:	Metallics: 2%CP	123	0.26	1530	10.55
	Elevation	Sample Width:	True Width:	Secondaries: mGE, wHE, mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		34.2	19.8	0.4	520
Sampled By: TS 22-Aug-07	cps 1300							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846436 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: QZ, CB, Potasic	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204279.38 N	UTM 528305.85 E	Strike Length Exp:	Metallics: PY	51	0.1	183	2.47
	Elevation	Sample Width:	True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		35	18.3	0.26	610
Sampled By: TS 22-Aug-07	cps 3000							
846437 Wernecke	Grid North:	Grid East:	Type: Float	Alteration: QZ, CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204358.51 N	UTM 528423.21 E	Strike Length Exp:	Metallics: CP	1120	3.11	71.1	331
	Elevation	Sample Width:	True Width:	Secondaries: GE, HE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		27.1	237	10.05	2800
Sampled By: TS 22-Aug-07	cps 3000							
846438 Wernecke	Grid North:	Grid East:	Type:	Alteration: QZ, CB	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204291.67 N	UTM 528659.27 E	Strike Length Exp: 50 m	Metallics: CP	431	0.67	1860	48.5
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: GE, MC, Uranophane	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia/sandstone?		41.7	20.8	0.98	2300
Sampled By: TS 22-Aug-07	cps 10000 -2500. Hand sample taken.							
846439 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204265.61 N	UTM 528626.79 E	Strike Length Exp:	Metallics: 40%HS, SS, PY	75	1.36	1010	15.5
	Elevation	Sample Width:	True Width:	Secondaries: GE, HE, MC, AZ	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia ?		12.9	21	1.93	18.9
Sampled By: TS 22-Aug-07								
846440 Wernecke	Grid North:	Grid East:	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204304.81 N	UTM 528635.06 E	Strike Length Exp:	Metallics: CP	242	0.27	2630	7.95
	Elevation	Sample Width:	True Width:	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : breccia		41.6	22	0.41	2100
Sampled By: TS 22-Aug-07	cps 9999							
846441 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: QZ, CB, CL, HE	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7204287.09 N	UTM 528681.98 E	Strike Length Exp: 20 m	Metallics: 2%CP	1455	1.3	1290	72.7
	Elevation	Sample Width: 0.5 m	True Width: 0.5 m	Secondaries: GE, HE, MC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sandstone		40.3	17.3	1.39	2000
Sampled By: TS 22-Aug-07	cps 8000 - 3000. Hand sample taken.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846442 Wernecke

Grid North: UTM 7204291.89 N
Elevation
Grid East: UTM 528682.65 E
Sample Width: 1 m
Type: Chip
Strike Length Exp: 20 m
True Width: 1 m
Host : altered sandstone
Alteration: QZ, CB, HE
Metallics: 1%CP
Secondaries: GE, HE, MC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
17	0.09	554	7.59
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
34	16.9	0.12	107.5

Sampled By: TS 22-Aug-07
cps 7000

846443 Wernecke

Grid North: UTM 7203961.92 N
Elevation
Grid East: UTM 528860.53 E
Sample Width:
Type: Grab
Strike Length Exp: 4 m
True Width:
Host :
Alteration: QZ, HE
Metallics: 5%CP, 1%CO
Secondaries: ER, MC, AZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
46	0.39	7270	22.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
107.5	1890	1.59	9.8

Sampled By: TS 22-Aug-07
cps 200. Nice alteration.

846444 Wernecke

Grid North: UTM 7170050.23 N
Elevation
Grid East: UTM 539907.94 E
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : Dark siltstone
Alteration: QZ
Metallics: 5%SP, 5%PY, GL, AS(P)
Secondaries: GE, HE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10	0.69	113.5	0.49
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.7	23.4	1.41	1.8

Sampled By: TS 22-Aug-07
close to 841695. Soil. Also chalcopyrite in huge talus pile. Need more time here.

846445 Wernecke

Grid North: UTM 7211945.22 N
Elevation
Grid East: UTM 558485.44 E
Sample Width:
Type:
Strike Length Exp:
True Width:
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
400	3.01	62.5	38.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
47.2	55	11.55	4000

Sampled By: TS 21-Nov-07

846446 Wernecke

Grid North: UTM 7204035 N
Elevation
Grid East: UTM 528893 E
Sample Width:
Type: Select
Strike Length Exp:
True Width:
Host : hematitic silt/sandstone
Alteration: wCB, sCL
Metallics: 0.5%Brannerite
Secondaries: mGE, sHE, wJA, Uranop

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
340	4.4	43.6	24.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
48.6	44.2	11.45	4400

Sampled By: TS 22-Aug-07
cps 10000. Small, narrow spotty zone. this rock ran up to 10000 before it was broken. Hand specimen runs 4000 cps.

846451 Wernecke

Grid North: UTM 7170751.51 N
Elevation
Grid East: UTM 540827.95 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host : heterolithic breccia
Alteration: mSI, mQZ
Metallics: 5%PY, 10%HE
Secondaries: mGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.5	203	4.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
119	82.2	7.94	3.3

Sampled By: PS 28-Jun-07
cps 250

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846452 Wernecke
Grid North: UTM 7170716.23 N Elevation
Grid East: UTM 540881.39 E Sample Width: 0 m
Type: Grab Strike Length Exp: True Width: 0 m Host : diorite
Alteration: mCL Metallics: 5%PY Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
25	0.03	28.1	1.33
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
88.1	40.6	1.13	4.4

Sampled By: PS
07-Jan-07
cps 280

846453 Wernecke
Grid North: UTM 7170500.81 N Elevation
Grid East: UTM 540973.53 E Sample Width: 0.5 m
Type: Grab Strike Length Exp: 1 m True Width: 0.5 m Host : homolithic breccia
Alteration: mQZ Metallics: 10%HS Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10	0.14	9	1.73
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18	12.8	0.46	650

Sampled By: PS
07-Mar-07
0

846454 Wernecke
Grid North: UTM 7171191.98 N Elevation
Grid East: UTM 541863.98 E Sample Width: 0.2 m
Joint 058°/67°
Type: Grab Strike Length Exp: True Width: 0.2 m Host : heterolithic breccia
Alteration: sCL, mQZ Metallics: 10%PY Secondaries: mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
450	2.87	22300	361
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
111	592	10.7	47.6

Sampled By: PS
07-Jun-07
cps 880

846455 Wernecke
Grid North: UTM 7203027.89 N Elevation
Grid East: UTM 547052.87 E Sample Width: 0.1 m
300°/64°
Type: Grab Strike Length Exp: 2 m True Width: 0.1 m Host : homolithic breccia calcareous
Alteration: sCA, mCL, sDO, HE Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.06	62.3	3.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.7	7	0.36	1100

Sampled By: PS
07-Aug-07
cps 1100

846456 Wernecke
Grid North: UTM 7201407.1 N Elevation
Grid East: UTM 544722.03 E Sample Width: 0.15 m
130°/90°
Type: Grab Strike Length Exp: 1 m True Width: 0.15 m Host : siltstone
Alteration: wBI, mCL, mQZ, HM Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.09	149	3.85
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
101.5	30	0.63	12.1

Sampled By: PS
07-Sep-07
cps 900

846457 Wernecke
Grid North: UTM 7201339.79 N Elevation
Grid East: UTM 544693.62 E Sample Width: 0.2 m
170°/88°
Type: Grab Strike Length Exp: 1 m True Width: 0.2 m Host : biotite hornfels
Alteration: Metallics: Secondaries: mMC, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.13	2320	1.36
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.6	20.2	0.88	8.6

Sampled By: PS
07-Sep-07
cps 270

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846458 Wernecke

Grid North: UTM 7199313.26 N
Elevation
Grid East: UTM 544421.68 E
Sample Width: 0.1 m
016°/34°
Type: Grab
Strike Length Exp: 1 m
True Width: 0.1 m
Host : siltstone
Alteration:
Metallics: 5%PY
Secondaries: mGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
53	0.41	120	1.54
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
52.9	76.4	2.85	1.8

Sampled By: PS
07-Oct-07
cps 190

846459 Wernecke

Grid North: UTM 7197876.38 N
Elevation
Grid East: UTM 539377.82 E
Sample Width: 0.1 m
060°/67°
Type: Grab
Strike Length Exp:
True Width: 0.1 m
Host : heterolithic breccia
Alteration: mCL, wKF, wBI
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	0.02	31.5	1.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.7	18.5	1.02	2.9

Sampled By: PS
13-Jul-07
Max 1100 cps as patchy joint coatings.

846460 Wernecke

Grid North: UTM 7197952.2 N
Elevation
Grid East: UTM 538695.96 E
Sample Width: 0.5 m
246°/70°
Type: Grab
Strike Length Exp:
True Width: 1.5 m
Host : homolithic breccia
Alteration: sSI
Metallics: 20%PY, 1%CP
Secondaries: sGE, sJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	0.23	47.9	2.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
33.8	56.9	10.85	5.6

Sampled By: PS
14-Jul-07
cps 270. Sampled 27/6/93, no 546409.

846461 Wernecke

Grid North: UTM 7198118.09 N
Elevation
Grid East: UTM 538361.75 E
Sample Width: 0.2 m
Type: Grab
Strike Length Exp: 1 m
True Width: 3 m
Host : heterolithic breccia
Alteration: mBI, mCA, wFe-CB
Metallics: 1%CP, 2%HS
Secondaries: mMC, wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.09	1165	1.68
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.3	4.6	0.35	6.2

Sampled By: PS
15-Jul-07
cps 220. Disseminations in heterolithic breccia.

846462 Wernecke

Grid North: UTM 7171176.87 N
Elevation
Grid East: UTM 541843.41 E
Sample Width: 0.2 m
Type: Grab
Strike Length Exp: 1 m
True Width: 0.2 m
Host : heterolithic breccia
Alteration: sCL, mFe-CB, mCA
Metallics: 1%CP, 5%HS
Secondaries: mMC, wGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
18	0.84	2380	17.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.5	29.1	1.19	14.6

Sampled By: PS
18-Jul-07
cps 340

846463 Wernecke

Grid North: UTM 7171180.64 N
Elevation
Grid East: UTM 541890.16 E
Sample Width: 0 m
Type: Float
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
4970	25.6	149	10001
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.7	14	211	3700

Sampled By: PS
18-Jul-07
cps 3400. Uranophane and brannerite.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846464 Wernecke
Grid North: UTM 7171197.66 N
Elevation
Grid East: UTM 541832.19 E
Sample Width: 0.3 m
063°/85°
Type: Grab
Strike Length Exp: 3 m
True Width: 1 m
Host : siltstone
Alteration:
Metallics: 5%PY
Secondaries: mGE, mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
32	0.2	73	108.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15	19.7	3.02	13.8

Sampled By: PS
18-Jul-07
cps 320

846465 Wernecke
Grid North: UTM 7171214.44 N
Elevation
Grid East: UTM 541836.11 E
Sample Width: 0.5 m
Type: Grab
Strike Length Exp: 3 m
True Width: 2 m
Host : heterolithic breccia
Alteration:
Metallics: 5%PY
Secondaries: sAZ, mGE, wJA, CH

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
151	1.12	5920	54.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
72.7	394	4.29	29.2

Sampled By: PS
19-Jul-07
cps 550

846466 Wernecke
Grid North: UTM 7171216.64 N
Elevation
Grid East: UTM 541849.93 E
Sample Width: 0.1 m
280°/85°
Type: Grab
Strike Length Exp: 2 m
True Width: 1 m
Host : heterolithic breccia
Alteration: mCA, mCL
Metallics: 5%PY
Secondaries: mMC, mGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
163	0.15	575	67.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
72.9	323	2.68	17.3

Sampled By: PS
19-Jul-07
cps 520

846467 Wernecke
Grid North: UTM 7198234.18 N
Elevation
Grid East: UTM 538174.28 E
Sample Width: 0.3 m
Type: Grab
Strike Length Exp: 1 m
True Width: 0.3 m
Host : heterolithic breccia
Alteration: mCL, mCA, wFe-CB
Metallics: 1%PY, 1%CP
Secondaries: sMC, mGE, wJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
360	0.15	4070	8.23
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
134.5	87.4	58.4	2.7

Sampled By: PS
20-Jul-07
cps 280

846468 Wernecke
Grid North: UTM 7206461.34 N
Elevation
Grid East: UTM 527799.36 E
Sample Width: 0.2 m
154°/60°
Type: Grab
Strike Length Exp: 1 m
True Width: 1 m
Host : siltstone
Alteration: CL, mCA, mFe-CB, SI
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.06	11.3	2.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
33.2	23.8	0.27	6.1

Sampled By: PS
08-May-07

846469 Wernecke
Grid North: UTM 7207084.75 N
Elevation
Grid East: UTM 527052.97 E
Sample Width: 0.2 m
Type: Grab
Strike Length Exp: 2 m
True Width: 0.5 m
Host : heterolithic breccia
Alteration: mFe-CB, sCL, sSI, HE, wP
Metallics: 2%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
68	1.64	393	34.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
35	59.6	1.9	9

Sampled By: PS
08-Aug-07
cps 580

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846470	Grid North:	Grid East:	Type: Grab	Alteration: mCL, mFe-CB, sSI, HE, wP	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7207133.04 N	UTM 527093.49 E	Strike Length Exp: 2 m	Metallics:	49	0.94	3590	13.45
	Elevation	Sample Width: 0.3 m	True Width: 0.5 m	Secondaries: mMC, mGE, wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : metasomatised sed. rocks		106.5	43.8	1.28	27.6
Sampled By: PS 08-Aug-07								
846471	Grid North:	Grid East:	Type: Grab	Alteration: mCL, HE, wPF, wCA	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206805.09 N	UTM 527883.32 E	Strike Length Exp: 2 m	Metallics:	1190	6.65	451	51.4
	Elevation	Sample Width: 0.3 m	True Width: 3 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	140°/50°		Host : siltstone		60.4	41.5	29.7	1600
Sampled By: PS 08-Oct-07								
846472	Grid North:	Grid East:	Type: Grab	Alteration: mCL, HE, wPF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206905.09 N	UTM 527648.24 E	Strike Length Exp: 3 m	Metallics: 5%HS	93	2.79	302	79.7
	Elevation	Sample Width: 0.2 m	True Width: 1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	0°/54°		Host : hematite bed		19.2	17	6.56	249
Sampled By: PS 08-Oct-07								
846473	Grid North:	Grid East:	Type: Grab	Alteration: m Fe-CB, HE, wPF	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206951.27 N	UTM 527629.41 E	Strike Length Exp: 1 m	Metallics: 1%CP	7	0.06	1160	6.94
	Elevation	Sample Width: 0.2 m	True Width: 0.5 m	Secondaries: mMC	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		20.3	20.1	0.26	21.5
Sampled By: PS 08-Dec-07	cps 360							
846474	Grid North:	Grid East:	Type: Grab	Alteration: w Fe-CB, wQZ	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206876.58 N	UTM 527639.96 E	Strike Length Exp: 5 m	Metallics: 2%HS	49	0.23	20.2	12.25
	Elevation	Sample Width: 0.5 m	True Width: 4 m	Secondaries: wGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	246°/85°		Host : siltstone		17.6	8.9	2.29	34.5
Sampled By: PS	Narrow (2-5 mm) planar quartz-hematite-brannerite vein set in foliated siltstone.							
846475	Grid North:	Grid East:	Type: Grab	Alteration: sCL	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7171236.15 N	UTM 541850.13 E	Strike Length Exp: 3 m	Metallics:	1045	6.94	6460	14.8
	Elevation	Sample Width: 0.3 m	True Width: 0.5 m	Secondaries: mMC, sGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	95°/58°		Host : heterolithic breccia		91.8	29.2	58.2	7.1
Sampled By: PS	cps 340. Faulted contact between heterolithic breccia and siltstone.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

846476 Wernecke

Grid North: UTM 7206896.25 N
Grid East: UTM 527403.85 E
Elevation
Sample Width: 0.5 m
Type: Grab
Strike Length Exp: 1 m
True Width: 0.5 m
Host : siltstone
Alteration: mDO, sSI
Metallics: 2%PY, 1%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
88	0.8	153.5	22.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
33.6	127	3.65	17.3

Sampled By: PS 24-Aug-07

cps 330

846477 Wernecke

Grid North: UTM 7207055.68 N
Grid East: UTM 527103.96 E
Elevation
Sample Width: 3 m
Type: Grab
Strike Length Exp: 3 m
True Width: 1 m
Host : heterolithic breccia
Alteration: mCL, HE, wPF, sSI
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
112	2.19	203	34.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
41.5	307	51.1	21.2

Sampled By: PS 24-Aug-07

cps 700. Disseminations.

847001 Wernecke

Grid North: UTM 7197907.25 N
Grid East: UTM 539044.49 E
Elevation
Sample Width: 1 m
Vein 325°/20°
Type: Chip
Strike Length Exp: 1 m
True Width: 0.1 m
Host : dolomitic breccia
Alteration: s Fe-CB
Metallics: 5%CP, 2%HS
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.13	5930	1.42
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.3	7.6	0.14	2.7

Sampled By: TKB 14-Jul-07

cps 275. Hand sample is from nearby float with same mineralization style.

847002 Wernecke

Grid North: UTM 7197840.87 N
Grid East: UTM 538985.9 E
Elevation
Sample Width: 0.3 m
Vein 300°/30°
Type: Grab
Strike Length Exp: 3 m
True Width: 0.1 m
Host : dolomitic breccia
Alteration: m Fe-CB, mCA
Metallics: 5%CP, 1%HS
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
24	0.75	56500	0.99
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
52.5	22	1.74	8.6

Sampled By: TKB 14-Jul-07

cps 220. chalcopyrite occurs for 5 m+ in Fe-carbonate veining.

847003 Wernecke

Grid North: UTM 7197767.68 N
Grid East: UTM 538798.89 E
Elevation
Sample Width: 1.5 m
Type: Chip
Strike Length Exp: 5 m
True Width: 0.6 m
Host : breccia
Alteration: w Fe-CB, mQZ
Metallics: 1%CP, 1%PY, 2%HS
Secondaries: wCC, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
40	0.23	2070	4.29
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14	22	4.47	9.1

Sampled By: TKB 14-Jul-07

cps 300

847004 Wernecke

Grid North: UTM 7197892.83 N
Grid East: UTM 538636.45 E
Elevation
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : breccia
Alteration: w Fe-CB
Metallics: 7%HS, 1%CP, PY
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.03	3990	0.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
7.3	4.7	0.68	2.9

Sampled By: TKB 14-Jul-07

cps 200. chalcopyrite forms in gobs and is also disseminated.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847005 Wernecke

Grid North: UTM 7197961.09 N | Grid East: UTM 538580.22 E | Elevation | Sample Width: 0
Type: Grab | Strike Length Exp: | True Width: 0 | Host : breccia
Alteration: m Fe-CB, wCA | Metallics: 1%CP, 3%HS | Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.13	5380	0.78
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.3	11.1	0.77	2.9

Sampled By: TKB 14-Jul-07

cps 250

847006 Wernecke

Grid North: UTM 7198160.45 N | Grid East: UTM 538419.86 E | Elevation | Sample Width: 0.5 m
Type: Grab | Strike Length Exp: 1 m | True Width: 1 m | Host : breccia
Alteration: w Fe-CB, wCL | Metallics: 8%HS, 1%CP | Secondaries: wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
93	0.19	9410	1.44
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.2	27.8	1.98	5.3

Sampled By: TKB 15-Jul-07

cps 275. Hand sample is from nearby float with same mineraliztion style.

847007 Wernecke

Grid North: UTM 7198274.14 N | Grid East: UTM 538405.7 E | Elevation | Sample Width: 0
Type: Float + Grab | Strike Length Exp: | True Width: 0 | Host : breccia
Alteration: w Fe-CB, wCL | Metallics: 1%HS, MG | Secondaries: w MN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
572	0.47	182.5	2.74
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.6	21.5	4.16	2100

Sampled By: TKB 15-Jul-07

cps 4000. Max scintillometer reading 8200.

847008 Wernecke

Grid North: UTM 7198585.9 N | Grid East: UTM 538599.38 E | Elevation | Sample Width: 0
Type: Grab | Strike Length Exp: | True Width: 0 | Host : phyllite quartz breccia
Alteration: wKF, mSI | Metallics: CP, 15%HS | Secondaries: w MN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
80	0.06	79.5	1.12
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.7	5.4	1.85	48.9

Sampled By: TKB 15-Jul-07

cps 700. Max reading in outcrop was 1200.

847009 Wernecke

Grid North: UTM 7198597.57 N | Grid East: UTM 538566.47 E | Elevation | Sample Width: 0
Type: Float + Grab | Strike Length Exp: | True Width: 0 | Host : metasomatised sed
Alteration: sQZ | Metallics: CP, 8%HS | Secondaries: mHE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
66	0.09	241	1.03
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.1	3.8	0.3	26.6

Sampled By: TKB 16-Jul-07

cps 800.Max scintillometer reaading of 1250.

847010 Wernecke

Grid North: UTM 7198574.03 N | Grid East: UTM 538681.43 E | Elevation | Sample Width: 0
Type: Float + Grab | Strike Length Exp: | True Width: 0 | Host :
Alteration: sCL | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	3.5	0.29
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45	8.5	0.14	9.9

Sampled By: TKB 16-Jul-07

cps 2000. Appears to be subcrop of chlorite altered phyllite with a massive block of phyllite beside the sample location.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847011 Wernecke

Grid North: UTM 7198515.48 N
Elevation
Grid East: UTM 537574.1 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : mudstone
Alteration: wQZ
Metallics: 1%CP
Secondaries: wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.18	11500	1.82
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
34.1	29.8	0.91	2.4

Sampled By: TKB
19-Jul-07

cps 180

847012 Wernecke

Grid North: UTM 7198528.37 N
Elevation
Grid East: UTM 537565.26 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : mudstone
Alteration:
Metallics: CP
Secondaries: wAZ, mER, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	0.75	2050	0.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
239	625	6.17	1.3

Sampled By: TKB
19-Jul-07

cps 120

847013 Wernecke

Grid North: UTM 7198399.76 N
Elevation
Fault 090°/50°
Grid East: UTM 537597.58 E
Sample Width: 2 m
Type: Chip
Strike Length Exp: 10 m
True Width: 2 m
Host : carbonate altered mudstone
Alteration: sCA, wCL
Metallics: 0.1%CP, 0.1%PY
Secondaries: mMC, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.42	1680	3.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.9	58.7	1.23	3.4

Sampled By: TKB
08-Mar-07

847014 Wernecke

Grid North: UTM 7198432.44 N
Elevation
Grid East: UTM 537602.25 E
Sample Width: 0.4 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host : altered mudstone
Alteration: mCA
Metallics: 3%CP
Secondaries: mJA, wAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
68	2.86	4190	0.85
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
167	356	15.5	3.8

Sampled By: TKB
08-Mar-07

cps 120

847015 Wernecke

Grid North: UTM 7198732.35 N
Elevation
Vein 130°/80°
Grid East: UTM 537291.72 E
Sample Width: 1.5 m
Type: Grab + Chip
Strike Length Exp: 8 m
True Width: 1.2 m
Host : mudstone
Alteration: s Fe-CB
Metallics: 50%CP. 5%PY, 3%BO
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
269	20.8	27500	0.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
84.2	52.1	0.98	1.7

Sampled By: TKB
08-Mar-07

cps 100. Vein is massive chalcopyrite and appears to follow bedding trend.

847016 Wernecke

Grid North: UTM 7198602.99 N
Elevation
Fault 120°/80°
Grid East: UTM 537473.29 E
Sample Width: 2.5 m
Type: Chip
Strike Length Exp: 25 m
True Width: 5 m
Host : mudstone
Alteration: m Fe-CB, wCA
Metallics: 2%CP
Secondaries: wAZ, mCC, mJA, mCP

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
41	5.4	28800	0.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
291	377	19.85	0.7

Sampled By: TKB
08-May-07

Samples to test across strike of Lost chris ankerite veining.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847017 Wernecke

Grid North: UTM 7198606.74 N | Grid East: UTM 537473.29 E | Elevation | Sample Width: 2.5 m | Fault 120°/80°

Type: Chip | Strike Length Exp: 25 m | True Width: 5 m | Host : mudstone

Alteration: wCA, mFe-CB | Metallics: 4%CP | Secondaries: wAZ, mCC, mJA, mCP

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
31	4.96	21500	0.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
275	531	270	1.5

Sampled By: TKB 08-May-07

continuation of sample 847016.

847018 Wernecke

Grid North: UTM 7197964.54 N | Grid East: UTM 539124.64 E | Elevation | Sample Width: 0

Type: Float + Grab | Strike Length Exp: | True Width: 0 | Host : heterolithic breccia

Alteration: mHE | Metallics: 25%HS | Secondaries: wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
12	0.19	791	0.62
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	21.4	2.12	300

Sampled By: TKB 08-Jul-07

cps 1000. Sample reads 850 on scintillometer and boulder max reading was 1400.

847019 Wernecke

Grid North: UTM 7197963.29 N | Grid East: UTM 539126.51 E | Elevation | Sample Width: 0

Type: Float + Grab | Strike Length Exp: | True Width: 0 | Host : heterolithic breccia

Alteration: mHE, mMS | Metallics: 20%HS, 1%PY | Secondaries: wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
132	0.06	81.1	0.72
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.7	15.6	1.66	400

Sampled By: TKB 08-Jul-07

cps 750. Max boulder scintillometer reading 1500. Sericite altered portion of rock has highest scintillometer readings versus hematite portion of the rock.

847020 Wernecke

Grid North: UTM 7197952.82 N | Grid East: UTM 539141.46 E | Elevation | Sample Width: 0 | Joint 230°/70°

Type: Chip | Strike Length Exp: | True Width: 0 | Host : breccia

Alteration: w Fe-CB | Metallics: 3%CP, 10%HS | Secondaries: mJA, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
15	0.2	7250	0.98
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.1	20.7	2.08	12.7

Sampled By: TKB 08-Jul-07

cps 250. chalcopyrite is disseminated or forms along tiny veinlets.

847021 Wernecke

Grid North: UTM 7198570.74 N | Grid East: UTM 537327.54 E | Elevation | Sample Width: 2 m | Fault

Type: Chip | Strike Length Exp: 8 m | True Width: 1 m | Host : altered siltstone

Alteration: m Fe-CB, wMS, wQZ | Metallics: 2.5%CP, 0.1%skutterudite | Secondaries: wCC, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
9	19.95	6000	0.31
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.7	112.5	10.95	0.7

Sampled By: TKB 08-Oct-07

cps 200. chalcopyrite and skudderudite hosted in carbonate veins and disseminated in host rock. Skudderudite is less common in veining than chalcopyrite.

847022 Wernecke

Grid North: UTM 7198576.78 N | Grid East: UTM 537318.37 E | Elevation | Sample Width: 0 m

Type: | Strike Length Exp: | True Width: 0 m | Host : siltstone

Alteration: w Fe-CB | Metallics: 5%CP, 5%skutterudite | Secondaries: wCC, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1255	749	93800	0.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.6	60.2	658	0.1

Sampled By: TKB 08-Oct-07

cps 200

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847023 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: sCL, mCA	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7197971.57 N	UTM 539271.68 E	Strike Length Exp: 3 m	Metallics: 2%HS, 1%PY	10	0.11	82.3	10.2
	Elevation	Sample Width: 1.5 m	True Width: 0.3 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Joint 350°/90°		Host : Diorite		68.7	169	1.36	24.7
Sampled By: TKB 17-Aug-07	cps 500							
847024 Wernecke	Grid North:	Grid East:	Type: Grab	Alteration: mCA, mCY, mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7197972.06 N	UTM 539271.38 E	Strike Length Exp: 2 m	Metallics: 1%PY, 2%HS	11	0.06	110.5	1.29
	Elevation	Sample Width: 0.4 m	True Width: 0.1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	Fault 080°/90°		Host : breccia		42.6	110.5	1.67	25.9
Sampled By: TKB 17-Aug-07	cps 500							
847051 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211808 N	UTM 527540 E	Strike Length Exp:	Metallics:	<5	0.02	8.8	0.38
	Elevation	Sample Width: 2 m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		28.5	7.8	0.04	7.5
Sampled By: JT 07-Jul-07								
847052 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211810 N	UTM 527537 E	Strike Length Exp:	Metallics:	<5	0.07	16.6	0.92
	Elevation	Sample Width: 2 m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		44.2	12	0.06	13.2
Sampled By: JT 07-Jul-07								
847053 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211807 N	UTM 527535 E	Strike Length Exp:	Metallics:	<5	0.02	18.6	0.7
	Elevation	Sample Width: 2 m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		28.1	6.8	0.07	4.3
Sampled By: JT 07-Jul-07								
847054 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211809 N	UTM 527534 E	Strike Length Exp:	Metallics:	<5	0.03	6.5	13.5
	Elevation	Sample Width: 2 m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		33.6	7.8	0.05	4.5
Sampled By: JT 07-Jul-07								

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847055 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211810	N	UTM 527532	E	Strike Length Exp:	Metallics:	<5	0.02	8.8	1.18
	Elevation		Sample Width: 2	m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		34.4	7.1	0.06	3.3
Sampled By: JT 07-Jul-07										
847056 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211811	N	UTM 527530	E	Strike Length Exp:	Metallics:	<5	0.03	15.2	1.06
	Elevation		Sample Width: 2	m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		27.9	10.6	0.05	7.5
Sampled By: JT 07-Jul-07										
847057 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211809	N	UTM 527529	E	Strike Length Exp:	Metallics:	<5	0.02	8.8	0.53
	Elevation		Sample Width: 2	m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		28.8	6.5	0.04	34.8
Sampled By: JT 07-Jul-07										
847058 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211808	N	UTM 527528	E	Strike Length Exp:	Metallics:	<5	0.05	20.7	0.96
	Elevation		Sample Width: 2	m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		29.7	10.5	0.13	3.8
Sampled By: JT 07-Jul-07										
847059 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211810	N	UTM 527526	E	Strike Length Exp:	Metallics:	<5	0.02	11.3	1.16
	Elevation		Sample Width: 2	m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		25.2	6.8	0.11	15.4
Sampled By: JT 07-Jul-07										
847060 Wernecke	Grid North:		Grid East:		Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7211812	N	UTM 527525	E	Strike Length Exp:	Metallics:	<5	0.04	6.6	0.38
	Elevation		Sample Width: 2	m	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host :		20.3	8.2	0.08	27.2
Sampled By: JT 07-Jul-07										

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847061 Wernecke

Grid North: UTM 7211810 N
Grid East: UTM 527523 E
Elevation
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	9.2	2.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
37.2	12.3	0.08	5.8

Sampled By: JT
07-Jul-07

847062 Wernecke

Grid North: UTM 7211810 N
Grid East: UTM 527521 E
Elevation
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	6.4	2.17
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.3	6.4	0.07	43.7

Sampled By: JT
07-Jul-07

847063 Wernecke

Grid North: UTM 7211812 N
Grid East: UTM 527518 E
Elevation
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	4.8	0.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.1	10.7	0.07	33.7

Sampled By: JT
07-Jul-07

847064 Wernecke

Grid North: UTM 7211811 N
Grid East: UTM 527517 E
Elevation
Sample Width: 2 m
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.05	7.9	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.3	6.2	0.09	125

Sampled By: JT
07-Jul-07

847065 Wernecke

Grid North: UTM 7167860 N
Grid East: UTM 534630 E
Elevation
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: CP
Secondaries: mAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
30	3.91	3000	0.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
34.6	67.8	3.75	1.3

Sampled By: JT
21-Jul-07

847066 Wernecke

Grid North: UTM 7167667 N
Grid East: UTM 534646 E
Elevation
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: CP
Secondaries: mAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
58	5.17	7780	0.94
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
41.2	205	4.39	0.5

Sampled By: JT
21-Jul-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847067 Wernecke

Grid North: UTM 7197865 N
Elevation
Grid East: UTM 538669 E
Sample Width: 0
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: CP
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
36	0.14	15150	1.87
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.5	12.7	4.24	20.7

Sampled By: JT
08-Mar-07

More float train going above outcrop.

847101 Wernecke

Grid North: UTM 7197718.356 N
Elevation
Grid East: UTM 538689.144 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: mHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
99	0.06	4530	12.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
21.5	20.3	1.37	6.8

Sampled By: JMC
14-Jul-07

cps 300

847102 Wernecke

Grid North: UTM 7197938.071 N
Elevation
Grid East: UTM 538532.862 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 5%CP
Secondaries: mHE, sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
123	0.35	23600	2.66
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.7	11.5	8.05	11

Sampled By: JMC
14-Jul-07

cps 250

847103 Wernecke

Grid North: UTM 7198138.029 N
Elevation
Grid East: UTM 538408.199 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 3%CP, 1%PY
Secondaries: mHE, sMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.09	8050	11.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
116.5	53.5	2.8	4.4

Sampled By: JMC
14-Jul-07

cps 250

847104 Wernecke

Grid North: UTM 7198189.881 N
Elevation
Grid East: UTM 538414.936 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP, 1%PY
Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.11	446	1.33
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
7.1	13.9	0.14	4

Sampled By: JMC
14-Jul-07

cps 400

847105 Wernecke

Grid North: UTM 7198324.812 N
Elevation
Grid East: UTM 538508.785 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics: 1%CP
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	440	0.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.7	7.3	0.14	6.2

Sampled By: JMC
14-Jul-07

cps 250

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847106 Wernecke

Grid North: UTM 7198024 N Elevation
Grid East: UTM 538440 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: CP, 1%PY Secondaries: mMC, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.43	6900	18.15
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
73.8	11.2	11.2	2.3

Sampled By: JMC 15-Jul-07

847107 Wernecke

Grid North: UTM 7198185 N Elevation
Grid East: UTM 538250 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host : sediments
Alteration: Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.02	39	3.21
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.5	2.6	0.26	3.2

Sampled By: JMC 15-Jul-07
cps 400

847108 Wernecke

Grid North: UTM 7198211 N Elevation
Grid East: UTM 538239 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: 2%CP, 1%PY Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	675	1.07
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.9	4.7	0.39	5.3

Sampled By: JMC 15-Jul-07
cps 350

847109 Wernecke

Grid North: UTM 7198280 N Elevation
Grid East: UTM 538129 E Sample Width: 0
Type: Select Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: 3%CP Secondaries: mHE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	1735	1.55
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.6	17.4	0.48	3

Sampled By: JMC 15-Jul-07

847110 Wernecke

Grid North: UTM 7198971 N Elevation
Grid East: UTM 538459 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: sCL Metallics: 1%PY Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	92.5	2.62
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
39	27.2	1.04	6.1

Sampled By: JMC 16-Jul-07
cps 550

847111 Wernecke

Grid North: UTM 7198725 N Elevation
Grid East: UTM 538441 E Sample Width: 0
Type: Float Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: 2%PY Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
20	0.05	161.5	28.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
47	31.3	0.6	34

Sampled By: JMC 16-Jul-07
cps 630

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847112 Wernecke
Grid North: UTM 7198692 N Elevation
Grid East: UTM 538430 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	8.6	1.74
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
60.5	11.6	0.16	18.7

Sampled By: JMC 16-Jul-07
cps 830

847113 Wernecke
Grid North: UTM 7198714 N Elevation
Grid East: UTM 538347 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: CP, 1%PY Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	1665	4.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
28.9	188	1.02	4.1

Sampled By: JMC 16-Jul-07

847114 Wernecke
Grid North: UTM 7198516 N Elevation
Grid East: UTM 538426 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: sMS Metallics: CP Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	319	0.59
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.5	20.5	0.22	13

Sampled By: JMC 16-Jul-07
cps 500

847115 Wernecke
Grid North: UTM 7198494 N Elevation
Grid East: UTM 538425 E Sample Width: 0
Type: Grab Strike Length Exp: True Width: 0 Host :
Alteration: Metallics: 2%PY Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	149.5	15.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.1	34.3	0.9	80.7

Sampled By: JMC 16-Jul-07
cps 1000

847116 Wernecke
Grid North: UTM 7217977 N Elevation Bedding
Grid East: UTM 547237 E Sample Width:
Type: Grab Strike Length Exp: True Width: Host : sediments
Alteration: Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
197	0.03	16.4	0.64
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.1	10.7	0.96	2.3

Sampled By: JMC 18-Jul-07
cps 300

847117 Wernecke
Grid North: UTM 7217872 N Elevation Bedding
Grid East: UTM 547130 E Sample Width:
Type: Grab Strike Length Exp: True Width: Host : sediments
Alteration: Metallics: Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.01	9.3	1.77
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.4	2.5	0.1	2.8

Sampled By: JMC 18-Jul-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847118 Wernecke

Grid North: UTM 7217832 N
Elevation
Bedding
Grid East: UTM 547188 E
Sample Width:
Type: Grab
Strike Length Exp:
True Width:
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	16.7	0.52
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.9	6.8	0.25	4.8

Sampled By: JMC
18-Jul-07
cps 420

847119 Wernecke

Grid North: UTM 7199197.883 N
Elevation
Grid East: UTM 544407.125 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: wMC, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
39	0.39	2840	2.15
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.1	12.2	0.39	107.5

Sampled By: JMC
19-Jul-07

847120 Wernecke

Grid North: UTM 7199368.149 N
Elevation
Grid East: UTM 544391.139 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP, 1%PY
Secondaries: mMC, mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	0.22	1730	4.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.1	41.1	0.48	2.1

Sampled By: JMC
19-Jul-07

847121 Wernecke

Grid North: UTM 7199395.512 N
Elevation
Grid East: UTM 544372.816 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
557	1	5820	5.41
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24.3	18.7	1.67	2.7

Sampled By: JMC
19-Jul-07

847122 Wernecke

Grid North: UTM 7199475.903 N
Elevation
Grid East: UTM 544337.961 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
42	0.53	3680	1.47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
40.9	14.8	0.92	2.4

Sampled By: JMC
19-Jul-07

847123 Wernecke

Grid North: UTM 7199535.082 N
Elevation
Grid East: UTM 544319.264 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP, 2%PY
Secondaries: sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	0.4	4490	2.11
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.3	41.1	0.5	3.2

Sampled By: JMC
19-Jul-07

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847124 Wernecke

Grid North: UTM 7212372.261 N
Elevation
Grid East: UTM 528753.575 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.01	38	0.47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.7	5.4	0.06	2.5

Sampled By: JMC
20-Jul-07

847125 Wernecke

Grid North: UTM 7212061.722 N
Elevation
Grid East: UTM 529422.745 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	23.5	0.57
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25	13.4	0.12	2.5

Sampled By: JMC
20-Jul-07
cps 300

847126 Wernecke

Grid North: UTM 7212552.122 N
Elevation
Grid East: UTM 529103.285 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.03	9.2	0.24
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
18.5	4.5	<0.01	38.7

Sampled By: JMC
20-Jul-07
cps 600. Hematite stained pink coloured rock.

847127 Wernecke

Grid North: UTM 7212482.048 N
Elevation
Grid East: UTM 529073.707 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.09	63.8	0.23
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.3	4.6	0.02	95.6

Sampled By: JMC
20-Jul-07
cps 2000. Hematite stained pink coloured rock.

847128 Wernecke

Grid North: UTM 7212375.904 N
Elevation
Grid East: UTM 529082.379 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	25.8	0.54
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.2	9.4	<0.01	30.8

Sampled By: JMC
20-Jul-07
cps 600. Hematite stained pink coloured rock.

847129 Wernecke

Grid North: UTM 7168766.383 N
Elevation
Grid East: UTM 535917.135 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%PY
Secondaries: wMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
76	1.97	2470	0.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
65.4	435	1.94	1.1

Sampled By: JMC
21-Jul-07
Strong gossan. 50cm wide vein.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847130 Wernecke

Grid North: UTM 7168739.371 N
Elevation
Grid East: UTM 535969.483 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.03	74	1.34
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.4	31.9	0.16	0.9

Sampled By: JMC
21-Jul-07

847131 Wernecke

Grid North: UTM 7168708.744 N
Elevation
Grid East: UTM 535951.816 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 3%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
170	0.11	37	3.41
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.7	195.5	1	0.6

Sampled By: JMC
21-Jul-07
Volcanic looking rock.

847132 Wernecke

Grid North: UTM 7168650.488 N
Elevation
Grid East: UTM 536084.555 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 3%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	5.5	8.07
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14	144.5	0.5	1.3

Sampled By: JMC
21-Jul-07

847133 Wernecke

Grid North: UTM 7168478.801 N
Elevation
Grid East: UTM 536258.029 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
108	0.21	10.5	0.31
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
69.7	72.8	0.62	27.6

Sampled By: JMC
21-Jul-07
cps 500. Small zone in between sediments reading 500 cps.

847134 Wernecke

Grid North: UTM 7168303.943 N
Elevation
Grid East: UTM 536322.188 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%PY
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.15	319	0.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.4	35.5	3.88	0.9

Sampled By: JMC
21-Jul-07

847135 Wernecke

Grid North: UTM 7167785.286 N
Elevation
Grid East: UTM 536434.389 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
423	22.5	1590	0.62
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.9	10.9	7.23	2.2

Sampled By: JMC
22-Jul-07
Strong gossan, heavily weathered.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847136 Wernecke	Grid North: UTM 7168548.89 N	Grid East: UTM 536017.345 E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics:	152	0.29	1010	4.13
			True Width: 0	Secondaries: wMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		15.4	16.4	1.46	2.7
Sampled By: JMC 22-Jul-07	0.4 m wide quartz vein.							
847137 Wernecke	Grid North: UTM 7168655.931 N	Grid East: UTM 535946.81 E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics: 3%PY	10	0.04	12.2	0.43
			True Width: 0	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		1.9	5	0.07	0.5
Sampled By: JMC 22-Jul-07	10 cm wide quartz carbonate vein.							
847138 Wernecke	Grid North: UTM 7168758.757 N	Grid East: UTM 535803.22 E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics: 3%PY	10	0.1	5.8	1
			True Width: 0	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		14.1	70.9	0.31	0.7
Sampled By: JMC 22-Jul-07								
847139 Wernecke	Grid North: UTM 7168781.958 N	Grid East: UTM 535798.912 E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics:	171	0.14	5.4	3.72
			True Width: 0	Secondaries:	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		48.2	711	5.99	0.3
Sampled By: JMC 22-Jul-07	Subcrop, 0.1 m wide vein.							
847140 Wernecke	Grid North: UTM 7211956.46 N	Grid East: UTM 529253.483 E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics:	6	0.12	59.1	1.63
			True Width: 0	Secondaries: wMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		24.1	15.5	2.3	211
Sampled By: JMC 24-Jul-07	cps 2500. Sheared sediments.							
847141 Wernecke	Grid North: UTM 7211950.229 N	Grid East: UTM 529239.255 E	Type: Grab	Alteration:	Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics:	<5	0.02	22600	0.39
			True Width: 0	Secondaries: mMC	Ni (ppm)	Co (ppm)	Bi (ppm)	U (ppm)
			Host :		9.8	7.1	0.05	48.6
Sampled By: JMC 23-Jul-07	cps 1800. Sheared sediments.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847142 Wernecke

Grid North: UTM 7211951.305 N | Grid East: UTM 529196.526 E | Elevation | Sample Width: 0 | Type: Grab | Strike Length Exp: | True Width: 0 | Host : | Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.29	136.5	0.41
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
4.3	4	0.3	640

Sampled By: JMC 23-Jul-07

cps 2500. Pinkish hematite stained rock.

847143 Wernecke

Grid North: UTM 7212446.742 N | Grid East: UTM 529089.669 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : | Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	10.6	0.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
77.9	11.3	0.1	383

Sampled By: JMC 23-Jul-07

cps 850. Dark rock, hematite stained crystals.

847144 Wernecke

Grid North: UTM 7191204.448 N | Grid East: UTM 557855.556 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : | Alteration: | Metallics: 5%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	12	126	2.13
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
78.6	8.7	0.17	2

Sampled By: JMC 24-Jul-07

Dark, fine grained rock with quartz stringers. Brown weathering. 3m wide boulder.

847145 Wernecke

Grid North: UTM 7191479.986 N | Grid East: UTM 557811.004 E | Elevation | Sample Width: 0 | Type: Grab | Strike Length Exp: | True Width: 0 | Host : | Alteration: | Metallics: | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.8	57.5	5.54
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
117	7	1.06	9.6

Sampled By: JMC 24-Jul-07

Heavily weathered matrix with fragments of dark sediments, maybe breccia?

847146 Wernecke

Grid North: UTM 7191175.785 N | Grid East: UTM 557825.107 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : | Alteration: | Metallics: 5%PY | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	3.4	28.2	1.34
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.7	3.4	0.1	2.8

Sampled By: JMC 24-Jul-07

Light coloured, fine grained rock. Brown weathering, mineralization in quartz stringers?

847147 Wernecke

Grid North: UTM 7191095.57 N | Grid East: UTM 557773.555 E | Elevation | Sample Width: 0 | Type: Float | Strike Length Exp: | True Width: 0 | Host : | Alteration: | Metallics: 0.5%GL, 0.5%SP | Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	11.3	18.2	0.41
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.5	1.6	0.09	1.5

Sampled By: JMC 24-Jul-07

Light coloured/fine grained. Light brown weathering. Mineralization in quartz stringers.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847148 Wernecke

Grid North: UTM 7191058.208 N
Elevation
Grid East: UTM 557874.089 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.6	9.1	0.29
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9	2.6	2.38	0.8

Sampled By: JMC 24-Jul-07

1m boulder of quartz.

847149 Wernecke

Grid North: UTM 7190913.926 N
Elevation
Grid East: UTM 557869.675 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.35	38.1	0.24
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.7	0.7	0.25	0.2

Sampled By: JMC 24-Jul-07

Boulder of quartz.

847150 Wernecke

Grid North: UTM 7190706.867 N
Elevation
Grid East: UTM 557819.659 E
Sample Width: 0
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 10%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	6.82	49.2	6.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
93.6	13.8	0.29	3.3

Sampled By: JMC 24-Jul-07

1m wide zone with veins loaded with pyrite. Lots of gossan.

847152 Wernecke

Grid North: UTM 7217720 N
Elevation
Grid East: UTM 557540 E
Sample Width: 0
Type: Select
Strike Length Exp:
True Width: 0
Host : siltstone
Alteration: mQZ, mFe-CB
Metallics: PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.04	28.4	0.56
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.8	10.5	0.19	2

Sampled By: EM 14-Jul-07

cps 320. High Au soil sample nearby.

847153 Wernecke

Grid North: UTM 7217564 N
Elevation
Grid East: UTM 557575 E
Sample Width: 0
Type: Select
Strike Length Exp:
True Width: 0
Host : siltstone
Alteration: sCL, wFe-CB
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.06	23.8	0.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.9	8.5	0.39	3.8

Bedding 140°/16°

Sampled By: EM 14-Jul-07

cps 400

847154 Wernecke

Grid North: UTM 7204847.278 N
Elevation
Grid East: UTM 527999.903 E
Sample Width:
Type: Float
Strike Length Exp:
True Width:
Host : siltstone
Alteration:
Metallics:
Secondaries: mJA

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.13	175	2.61
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
6.4	27.2	1.37	316

Sampled By: HJ

cps 1500

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847155 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171212.99 N	UTM 541867.89 E	Strike Length Exp:	Metallics: 1%CP, 5%PY	232	2.31	7330	29.5
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mGE, sJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		43.4	444	3.78	30.5
Sampled By: HJ 20-Aug-07	Disseminated sulphides, malachite, highly mineralized but slumped over section from main outcrop.							
847156 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171211.64 N	UTM 541867.66 E	Strike Length Exp:	Metallics: 2.5%CP, 2.5%PY	307	1.35	2590	13.95
	Elevation	Sample Width: 0.75 m	True Width: 0.75 m	Secondaries: mGE, wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		69.7	1275	1.76	27.2
Sampled By: HJ 20-Aug-07	Malachite, cobaltite, slumped over section, lots of cobaltite.							
847157 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171214.36 N	UTM 541870.64 E	Strike Length Exp:	Metallics:	298	2.13	2860	42.7
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	0°/90°		Host : siltstone		34.6	264	6.11	14.5
Sampled By: HJ 20-Aug-07								
847158 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171213.13 N	UTM 541870.37 E	Strike Length Exp:	Metallics:	208	3.58	4720	44.2
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	0°/90°		Host : siltstone		28.2	240	4.67	18.8
Sampled By: HJ 20-Aug-07								
847159 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171211.79 N	UTM 541870.06 E	Strike Length Exp:	Metallics: CP, PY	247	2.18	3330	36.5
	Elevation	Sample Width: 1.5 m	True Width: 1.5 m	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	90°/0°		Host : siltstone		49.5	1175	3.64	22.7
Sampled By: HJ 20-Aug-07	Slight malachite, slight cobaltite.							
847160 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171210.45 N	UTM 541869.73 E	Strike Length Exp:	Metallics:	328	2.75	4740	41.6
	Elevation	Sample Width: 1.5 m	True Width: 1.5 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
	0°/90°		Host : siltstone		41.2	395	4.45	22.9
Sampled By: HJ 20-Aug-07								

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847161 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171208.88 N	UTM 541869.33 E	Strike Length Exp:	Metallics: 10%CP, 8%PY	235	2.28	8990	29.4
	Elevation	Sample Width: 1.5 m	True Width: 1.5 m	Secondaries: iGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		0°/90°	Host :		55.5	324	3.58	27.6
Sampled By: HJ 20-Aug-07	Slight malachite.							
847162 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171207.31 N	UTM 541868.92 E	Strike Length Exp:	Metallics:	274	2.83	6190	36
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		0°/90°	Host : siltstone		48.4	174.5	4.1	31.1
Sampled By: HJ 20-Aug-07	Very little if any pyrite and chalcopyrite. Speckled geothite; slight malachite.							
847163 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171205.86 N	UTM 541868.55 E	Strike Length Exp:	Metallics: 10%CP	75	1.72	7110	17.65
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		0°/90°	Host : siltstone/quartzite		48.3	616	2.34	23.8
Sampled By: HJ 20-Aug-07	Malachite; slight cobaltite.							
847164 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171204.52 N	UTM 541868.24 E	Strike Length Exp:	Metallics:	97	0.78	3330	18.25
	Elevation	Sample Width: 1.5 m	True Width: 1.5 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		0°/90°	Host : siltstone/quartzite		19.8	95	1.63	10.3
Sampled By: HJ 20-Aug-07	Malachite							
847165 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171202.62 N	UTM 541867.89 E	Strike Length Exp:	Metallics: 2%CP, 10%PY	261	1.82	11350	412
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		0°/90°	Host : htereolithic breccia		76.5	422	7.9	36
Sampled By: HJ 20-Aug-07	Not fully exposed outcrop along meter long plane.							
847166 Wernecke	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7171201.502 N	UTM 541867.71 E	Strike Length Exp:	Metallics:	26	0.06	32.6	6.18
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
		0°/90°	Host : heterolithic breccia		29.8	32.7	0.79	5.9
Sampled By: HJ 20-Aug-07	Not fully exposed outcrop along meter long plane.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847167 Wernecke

Grid North: UTM 7200776 N
Grid East: UTM 534700 E
Elevation
Sample Width: 1 m
Bedding 357°/51°
Type: Chip
Strike Length Exp:
True Width: 0.7 m
Host : siltstone
Alteration:
Metallics:
Secondaries: mGE, mHE, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
37	0.09	1010	17.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.8	103	1.01	12.1

Sampled By: HJ 29-Aug-07

Slight malachite.

847168 Wernecke

Grid North: UTM 7200777 N
Grid East: UTM 534700 E
Elevation
Sample Width: 0.1 m
Vein
Type: Chip
Strike Length Exp:
True Width: 0.1 m
Host : carbonate
Alteration: sMS
Metallics: 0.25%CP, 1%HS
Secondaries: sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
109	0.26	4400	15.95
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
19.7	28.6	0.48	4.9

Sampled By: HJ 29-Aug-07

Specular hematite in veinlets.

847169 Wernecke

Grid North: UTM 7200778 N
Grid East: UTM 534700 E
Elevation
Sample Width: 1 m
Bedding 357°/51°
Type: Chip
Strike Length Exp:
True Width: 0.7 m
Host : siltstone
Alteration: w Fe-CB
Metallics: 0.5%CP
Secondaries: wGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
151	0.26	4390	12.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
20.5	67.7	1.14	4.6

Sampled By: HJ 29-Aug-07

Slight malachite staining.

847170 Wernecke

Grid North: UTM 7200779 N
Grid East: UTM 534700 E
Elevation
Sample Width: 1 m
Bedding 357°/51°
Type: Chip
Strike Length Exp:
True Width: 0.7 m
Host : siltstone
Alteration:
Metallics: 1%CP, 5%HS
Secondaries: mGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
29	0.1	1065	9.81
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.7	57.2	0.86	5.9

Sampled By: HJ 29-Aug-07

Minor malachite.

847171 Wernecke

Grid North: UTM 7200779 N
Grid East: UTM 534710 E
Elevation
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 1 m
Host : siltstone
Alteration: wCL, wSI
Metallics: 1%CP
Secondaries: mGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
124	0.29	4950	18.45
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.5	83.8	1.39	15.6

Sampled By: HJ 29-Aug-07

847172 Wernecke

Grid North: UTM 7200787 N
Grid East: UTM 534728 E
Elevation
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 1 m
Host : siltstone
Alteration:
Metallics: 5%HS, 2%PY
Secondaries: sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
102	0.53	1010	28.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
65.6	180	9.7	24.1

Sampled By: HJ 29-Aug-07

Pyrite vein running through sample.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847173 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200786	N	UTM 534728	E	Strike Length Exp:	Metallics: 0.25%CP, 1%PY	62	0.24	1520	15.9
	Elevation		Sample Width: 1	m	True Width: 1 m	Secondaries: sGE, wHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		25.8	61.4	2.35	9.4
Sampled By: HJ 29-Aug-07	Gossanous									
847174 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200785	N	UTM 534728	E	Strike Length Exp:	Metallics: 2%PY	60	0.3	1120	11.4
	Elevation		Sample Width: 1	m	True Width: 1 m	Secondaries: mGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		38.6	133.5	5.91	9.5
Sampled By: HJ 29-Aug-07	Gossanous									
847175 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: mSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200784	N	UTM 534728	E	Strike Length Exp:	Metallics: 5%PY	137	0.49	3120	39.8
	Elevation		Sample Width: 1.5	m	True Width: 1.5 m	Secondaries: sGE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		34.9	201	7.13	8
Sampled By: HJ 29-Aug-07	Pyrite veining, strongly gossanous, weak malachite.									
847176 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200783	N	UTM 534728	E	Strike Length Exp:	Metallics: 5%PY	72	0.33	1125	44.8
	Elevation		Sample Width: 1.5	m	True Width: 1.5 m	Secondaries: sGE, mJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		26.4	129.5	7.02	6.8
Sampled By: HJ 29-Aug-07	Pyrite veining throughout sample.									
847177 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration: wSI	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200782	N	UTM 534728	E	Strike Length Exp:	Metallics: 3%PY	56	0.3	1560	42.7
	Elevation		Sample Width: 1.5	m	True Width: 1.5 m	Secondaries: sGE, wJA	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		30.1	170	6.45	7
Sampled By: HJ 29-Aug-07	Minor malachite.									
847178 Wernecke	Grid North:		Grid East:		Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	UTM 7200781	N	UTM 534728	E	Strike Length Exp:	Metallics: 1%PY	162	0.56	6170	28.1
	Elevation		Sample Width: 1.5	m	True Width: 1.5 m	Secondaries: sGE, wJA, wMN	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
					Host : siltstone		35.8	209	9.15	7
Sampled By: HJ 29-Aug-07	Malachite.									

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847179 Wernecke

Grid North: UTM 7200780 N
Elevation
Grid East: UTM 534728 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 1.5 m
Host : siltstone
Alteration: wCL, wSI
Metallics: 0.1%CP, 2%PY
Secondaries: mGE, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
123	0.32	3930	35.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
31.3	108	4.78	5

Sampled By: HJ
29-Aug-07

847180 Wernecke

Grid North: UTM 7200779 N
Elevation
Grid East: UTM 534728 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 1.5 m
Host : siltstone
Alteration:
Metallics: 1%PY
Secondaries: mGE, wMN

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	0.11	1095	40.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.7	53.8	1.29	5.7

Sampled By: HJ
29-Aug-07
Weak malachite.

847181 Wernecke

Grid North: UTM 7200778 N
Elevation
Grid East: UTM 534728 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 1.5 m
Host : siltstone
Alteration:
Metallics: 2%HS
Secondaries: sGE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
82	0.21	942	38.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
25.6	49	7.42	6.8

Sampled By: HJ
29-Aug-07

847182 Wernecke

Grid North: UTM 7200777 N
Elevation
Grid East: UTM 534728 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 1.5 m
Host : siltstone
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
152	0.38	2810	11.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
32.3	214	10.45	13.5

Sampled By: HJ
29-Aug-07

847183 Wernecke

Grid North: UTM 7200776 N
Elevation
Grid East: UTM 534728 E
Sample Width: 1.5 m
Type: Chip
Strike Length Exp:
True Width: 1.5 m
Host : siltstone
Alteration:
Metallics: 0.25%CP, 1%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
95	0.13	2400	14.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
29.1	134.5	0.75	11

Sampled By: HJ
29-Aug-07
Minor malachite and azurite.

847201 Wernecke

Grid North: UTM 7190569.526 N
Elevation
Grid East: UTM 557698.056 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	2.53	40.7	0.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
5.5	1.5	2.54	0.5

Sampled By: JMC
25-Jul-07
Dark fine graind rock with quartz stringers.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847202 Wernecke

Grid North: UTM 7190179.412 N
Elevation
Grid East: UTM 557333.569 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.13	7	0.15
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
13.3	11.8	0.15	1.9

Sampled By: JMC 25-Jul-07

Medium grey/fine grained rock. Lots of gossan.

847203 Wernecke

Grid North: UTM 7190183.985 N
Elevation
Grid East: UTM 557300.003 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.35	9.2	0.64
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.8	2.1	0.03	1.6

Sampled By: JMC 25-Jul-07

Light grey/fine grained rock with quartz stringers.

847204 Wernecke

Grid North: UTM 7190519.674 N
Elevation
Grid East: UTM 557304.988 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 4%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	1.67	15.5	0.86
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
34.2	16.4	0.48	0.1

Sampled By: JMC 25-Jul-07

847205 Wernecke

Grid North: UTM 7191086.239 N
Elevation
Grid East: UTM 557552.384 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 0.5%GL
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	4.13	66.2	6.94
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.2	4.6	0.07	13.8

Sampled By: JMC 25-Jul-07

Lots of gossan.

847206 Wernecke

Grid North: UTM 7190652.714 N
Elevation
Grid East: UTM 556326.704 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 3%PY, 2% SP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	3.27	19.2	2.8
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.5	3.9	0.04	6.6

Sampled By: JMC 26-Jul-07

Strong gossan.

847207 Wernecke

Grid North: UTM 7190596.839 N
Elevation
Grid East: UTM 556342.013 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	26.6	59.2	7.02
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
3.9	0.4	0.04	0.9

Sampled By: JMC 26-Jul-07

Lots of gossan/severe weathering.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847208 Wernecke

Grid North: UTM 7190594.117 N
Elevation
Grid East: UTM 556330.918 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 10%PY, 2%SP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
8	14.35	55.9	6.19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.3	2.8	0.07	1.5

Sampled By: JMC 26-Jul-07

10-15 cm wide vein.

847209 Wernecke

Grid North: UTM 7190574.852 N
Elevation
Grid East: UTM 556318.976 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 15%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	7.4	36.3	2.24
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
24	3.1	0.09	0.6

Sampled By: JMC 26-Jul-07

Lots of gossan.

847210 Wernecke

Grid North: UTM 7190614.938 N
Elevation
Grid East: UTM 556237.936 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 5%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	1.97	11.9	1.65
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.3	2.2	0.01	0.9

Sampled By: JMC 26-Jul-07

Maybe sphalerite? Lots of gossan.

847211 Wernecke

Grid North: UTM 7190887.148 N
Elevation
Grid East: UTM 556214.136 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: wMC, wHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	2.09	2240	14
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
9.4	4.9	0.37	15.7

Sampled By: JMC 26-Jul-07

cps 2000. Dark, fine grained rock with lots of carbonate and some sericite.

847212 Wernecke

Grid North: UTM 7190881.654 N
Elevation
Grid East: UTM 556169.704 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
813	46.4	433	3050
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.5	9.6	25.5	1900

Sampled By: JMC 26-Jul-07

cps 2500

847213 Wernecke

Grid North: UTM 7190929.335 N
Elevation
Grid East: UTM 556092.39 E
Sample Width: 0
Type: Select
Strike Length Exp:
True Width: 0
Host :
Alteration: mMS
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10100	8.92	438	49.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.5	19.9	6.6	1100

Sampled By: JMC 26-Jul-07

cps 2500. Subcrop stopped reading high cps after sample was taken.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847214 Wernecke	Grid North: UTM 7190953.605 N	Grid East: UTM 556057.66 E	Type: Grab	Alteration: mMS	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width: 0	Strike Length Exp:	Metallics:	53	0.65	8.8	6.17
			True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		18.2	4.4	0.6	126
Sampled By: JMC 26-Jul-07	cps 2000							
847215 Wernecke	Grid North: UTM 7191072.835 N	Grid East: UTM 555819.491 E	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width:	Strike Length Exp:	Metallics: 2%PY	5	0.3	9.7	10.1
			True Width: 0	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		12.7	17.3	1.49	5.5
Sampled By: JMC 27-Jul-07								
847216 Wernecke	Grid North: UTM 7191211.812 N	Grid East: UTM 555687.985 E	Type: Select	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width:	Strike Length Exp:	Metallics:	451	2.03	29	11.7
	Bedding		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		30.5	31.1	1.8	490
Sampled By: JMC 27-Jul-07	cps 1100. count in subcrop.							
847217 Wernecke	Grid North: UTM 7191224.102 N	Grid East: UTM 555689.662 E	Type: Float	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width:	Strike Length Exp:	Metallics: 2%CP	24	1.77	3630	3.59
			True Width: 0	Secondaries: sHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		7.1	22.2	0.22	3.6
Sampled By: JMC 27-Jul-07	Mineralization seems to be carried into a breccia by little carbonate or quartz veins.							
847218 Wernecke	Grid North: UTM 7191197.711 N	Grid East: UTM 555952.166 E	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width:	Strike Length Exp:	Metallics: 1%CP	81	3.2	1915	8.03
	Bedding		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		36.6	78.8	10.9	61.4
Sampled By: JMC 27-Jul-07	cps 1600							
847219 Wernecke	Grid North: UTM 7191103.535 N	Grid East: UTM 555218.128 E	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
	Elevation	Sample Width:	Strike Length Exp:	Metallics: 3%PY	<5	0.72	74.7	3.47
	Bedding		True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host :		38.3	15	2.97	2.6
Sampled By: JMC 28-Jul-07	Lots of gossan/sericite alteration.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847220 Wernecke

Grid North: UTM 7191094.638 N
Elevation
Grid East: UTM 555180.378 E
Sample Width:
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.08	5.2	9.47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.6	5.5	0.08	3.5

Sampled By: JMC 28-Jul-07

cps 2000. Sub crop 2000 cps.

847221 Wernecke

Grid North: UTM 7191089.519 N
Elevation
Grid East: UTM 555116.337 E
Sample Width:
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration: mMS
Metallics: 3%CP, 2%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
149	3.32	5420	29.6
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.7	166.5	0.39	67.9

Sampled By: JMC 28-Jul-07

cps 1000. Sample taken from two float boulders in small boulder train. 1000 cps.

847222 Wernecke

Grid North: UTM 7191357.263 N
Elevation
Grid East: UTM 555067.773 E
Sample Width:
Type: Float
Strike Length Exp:
True Width: 0
Host : dolomites?
Alteration:
Metallics: 1%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.18	371	0.35
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
0.7	1.1	0.22	0.3

Sampled By: JMC 28-Jul-07

Maybe sphalerite.

847223 Wernecke

Grid North: UTM 7203828.661 N
Elevation
Grid East: UTM 529918.073 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 0
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2090	22.2	113.5	1780
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
62.5	68.8	76	1100

Sampled By: JMC 29-Jul-07

cps 1400. Sampled the whole rock. There is no more of the rock at this location.

847224 Wernecke

Grid North: UTM 7192589.454 N
Elevation
Grid East: UTM 570730.248 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration: sCL
Metallics: 3%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	2.04	10001	7.32
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
101.5	195.5	4.18	11.6

Sampled By: JMC 30-Jul-07

Sediments.

847225 Wernecke

Grid North: UTM 7191706.804 N
Elevation
Grid East: UTM 571344.934 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.14	1250	5.34
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
23.1	18.1	0.32	10.9

Sampled By: JMC 30-Jul-07

Breccia?

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847226 Wernecke

Grid North: UTM 7191487.721 N
Elevation
Grid East: UTM 571426.209 E
Sample Width: 0
Type: Select/Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	0.72	2220	17.55
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
16.2	33	3.89	5.5

Sampled By: JMC 30-Jul-07

Subcrop.

847227 Wernecke

Grid North: UTM 7191516.237 N
Elevation
Grid East: UTM 571431.576 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP, 1%PY
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.38	1580	11.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
57.8	131	0.52	2.3

Sampled By: JMC 30-Jul-07

Breccia?

847228 Wernecke

Grid North: UTM 7191605.038 N
Elevation
Grid East: UTM 571415.876 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP, 0.5%PY
Secondaries: mHE, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.65	3110	2.62
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
17.7	51.7	0.46	3.8

Sampled By: JMC 30-Jul-07

Breccia?

847229 Wernecke

Grid North: UTM 7191705.179 N
Elevation
Grid East: UTM 571248.563 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
27	1.69	2730	9.43
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
10.5	40.7	1.2	8.5

Sampled By: JMC 30-Jul-07

Breccia?

847230 Wernecke

Grid North: UTM 7205506.545 N
Elevation
Grid East: UTM 576747.065 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 0
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.07	51.2	0.47
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
14.5	17	1.3	4.6

Sampled By: JMC 31-Jul-07

cps 300. Sediments

847231 Wernecke

Grid North: UTM 7196049.913 N
Elevation
Grid East: UTM 553697.525 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP, 1%PY
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
18	0.15	706	18.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
15.2	29	0.33	5

Sampled By: JMC 08-Jan-07

Quartz carbonate rock?

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847232 Wernecke

Grid North: UTM 7195758.045 N
Elevation
Grid East: UTM 553591.718 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 4%CP, 2%PY
Secondaries: mMC, sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
78	0.77	11750	11.05
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
11.8	30.3	1.28	4.9

Sampled By: JMC 08-Jan-07

chalcopyrite in what looks like a breccia boulder.

847233 Wernecke

Grid North: UTM 7195956.36 N
Elevation
Grid East: UTM 553502.708 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 0.5%CP, 5%PY
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
87	0.24	1240	19
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
29.9	478	2.91	3.6

Sampled By: JMC 08-Jan-07

Subcrop? Strong gossan.

847234 Wernecke

Grid North: UTM 7195994.638 N
Elevation
Grid East: UTM 553489.053 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 0.5%CP, 5%PY
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
20	0.06	164.5	10.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
22.4	117.5	0.82	4.4

Sampled By: JMC 08-Jan-07

847235 Wernecke

Grid North: UTM 7194974.593 N
Elevation
Grid East: UTM 553424.622 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
19	0.34	4520	4.77
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
75.2	57.7	0.87	4.2

Sampled By: JMC 08-Jan-07

Breccia?

847236 Wernecke

Grid North: UTM 7195045.587 N
Elevation
Grid East: UTM 553588.19 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 3%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
32	0.2	2900	26.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
30.2	7.7	0.61	11.4

Sampled By: JMC 08-Jan-07

Lots of chalcopyrite in what looks like breccia.

847237 Wernecke

Grid North: UTM 7195022.373 N
Elevation
Grid East: UTM 554033.448 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	0.07	26.9	1.72
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.8	21.9	0.17	59.1

Sampled By: JMC 08-Jan-07

cps 1000. Hematite stained pinkish rock.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847238 Wernecke

Grid North: UTM 7195384.887 N
Elevation
Grid East: UTM 554790.455 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP
Secondaries: wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.13	1210	21.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
1.9	7.3	0.23	6.7

Sampled By: JMC
08-Jan-07

847239 Wernecke

Grid North: UTM 7195370.003 N
Elevation
Grid East: UTM 554843.547 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 0.5%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
5	0.19	1030	7.25
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
48.8	167	3.02	3.1

Sampled By: JMC
08-Feb-07
Breccia?

847240 Wernecke

Grid North: UTM 7195399.002 N
Elevation
Grid East: UTM 554805.61 E
Sample Width: 0
Type: Select/Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 2%CP, 5%PY
Secondaries: mHE, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
16	0.08	1160	2.05
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
29.8	72.8	0.32	7.9

Sampled By: JMC
08-Feb-07

847241 Wernecke

Grid North: UTM 7195817.918 N
Elevation
Grid East: UTM 555089.628 E
Sample Width: 0
Type: Select/Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 8%CP, 5%PY
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
77	0.41	21200	0.75
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
130.5	295	4.1	2.2

Sampled By: JMC
08-Feb-07
30cm wide quartz vein. Lots of gossan.

847242 Wernecke

Grid North: UTM 7195909.735 N
Elevation
Grid East: UTM 555321.98 E
Sample Width: 0
Type: Float
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 3%CP, PY
Secondaries: sMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
29	1.07	5930	0.62
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
69.2	21.8	1.01	1.6

Sampled By: JMC
08-Feb-07

847243 Wernecke

Grid North: UTM 7195934.457 N
Elevation
Grid East: UTM 555287.018 E
Sample Width: 0
Type: Chip
Strike Length Exp:
True Width: 0
Host :
Alteration: sCL
Metallics: 1%CP, 1%PY
Secondaries: mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.27	1360	0.51
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
61.3	22.8	0.39	1.7

Sampled By: JMC
08-Feb-07
1 over 1 m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847244 Wernecke

Grid North: UTM 7198132.457 N
Elevation
Grid East: UTM 537615.475 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration: m Fe-CB
Metallics: 1%CP
Secondaries: mAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
11	0.13	8330	0.85
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
104.5	52.9	1.86	2.7

Sampled By: JMC 08-Mar-07

Tiny carbonate veins

847245 Wernecke

Grid North: UTM 7198136.708 N
Elevation
Grid East: UTM 537599.097 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics: 0.5%CP, 1%PY
Secondaries: mAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
20	0.37	4910	1.28
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
76.1	14.6	2.55	6

Sampled By: JMC 08-Mar-07

Subcrop, lots of gossan

847246 Wernecke

Grid North: UTM 7198191.535 N
Elevation
Grid East: UTM 537589.963 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.16	12.6	1.01
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
2.6	1.6	3.96	0.8

Sampled By: JMC 08-Mar-07

Strong gossan on approximately 30cm wide vein.

847247 Wernecke

Grid North: UTM 7198465.735 N
Elevation
Grid East: UTM 537574.017 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host :
Alteration:
Metallics: 1%CP
Secondaries: wAZ, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	1.54	2810	<0.05
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
8.2	9.5	0.45	0.2

Sampled By: JMC 08-Mar-07

Small quartz carbonate vein?

847248 Wernecke

Grid North: UTM 7198494.976 N
Elevation
Grid East: UTM 537567.288 E
Sample Width: 0
Type: Grab
Strike Length Exp:
True Width: 0
Host : sediments
Alteration:
Metallics: 2%CP
Secondaries: mMC, wAZ

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
23	2.21	15300	0.29
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
40.4	40.4	3.93	1.9

Sampled By: JMC 08-Mar-07

847249 Wernecke

Grid North: UTM 7198546.983 N
Elevation
Grid East: UTM 537527.003 E
Sample Width: 0
Type: Chip
Strike Length Exp:
True Width: 0
Host :
Alteration: m Fe-CB
Metallics: 3%CP
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.79	7370	0.05
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
26	33.9	2.27	0.4

Sampled By: JMC 08-Mar-07

1 over 2 m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847250 Wernecke

Grid North: UTM 7198593.132 N
Elevation

Grid East: UTM 537463.434 E
Sample Width: 0

Type: Chip
Strike Length Exp:
True Width: 0
Host : sediments

Alteration:
Metallics: 1%CP
Secondaries: wAZ, wMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
7	1.21	4180	0.37
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
81.4	180.5	2.91	1.2

Sampled By: JMC 08-Mar-07

1 over 2 m.

847301 Wernecke

Grid North: UTM 7198958.154 N
Elevation

Grid East: UTM 537398.631 E
Sample Width: 0

Type: Grab
Strike Length Exp:
True Width: 0
Host :

Alteration:
Metallics:
Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	<0.01	15.5	0.1
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
1.3	2.5	0.13	1.3

Sampled By: JMC 08-Mar-07

Strong gossan.

847302 Wernecke

Grid North: UTM 7199258.311 N
Elevation

Grid East: UTM 537401.629 E
Sample Width: 0

Type: Float
Strike Length Exp:
True Width: 0
Host :

Alteration:
Metallics: 10%CP
Secondaries: mAZ, mMC

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
10100	34.5	72000	2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
136.5	34.2	2.7	3.3

Sampled By: JMC 08-Mar-07

Small vein with lots of chalcopyrite. Might be subcrop where sample was taken.

847303 Wernecke

Grid North: UTM 7205891.677 N
Elevation

Grid East: UTM 528407.146 E
Sample Width: 0

Type: Float
Strike Length Exp:
True Width: 0
Host :

Alteration:
Metallics: MG
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
1035	13.6	79.8	10001
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
57.4	66.6	18.9	173

Sampled By: JMC 08-Apr-07

cps 2800. Heavily altered, tan coloured rock.

847304 Wernecke

Grid North: UTM 7205863.37 N
Elevation

Grid East: UTM 528447.221 E
Sample Width: 0

Type: Select/Grab
Strike Length Exp:
True Width: 0
Host :

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	0.26	140.5	33.2
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.9	19.8	0.16	28.5

Sampled By: JMC 08-Apr-07

cps 4000

847305 Wernecke

Grid North: UTM 7205842.878 N
Elevation

Grid East: UTM 528466.269 E
Sample Width: 0

Type: Grab
Strike Length Exp:
True Width: 0
Host :

Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
181	5.32	44.5	1005
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
45.6	49.9	1.34	71.3

Sampled By: JMC 08-Apr-07

cps 2000 Subcrop?

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847306	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7205513.455 N	UTM 528153.321 E	Strike Length Exp:	Metallics:	157	1.43	94.2	86.5
	Elevation	Sample Width: 0	True Width: 0	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : sediments		42.9	15.2	1.09	402
Sampled By: JMC 08-Apr-07	cps 4500. Some sericite alt with pink stained crystals. Subcrop.							
847307	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206062.558 N	UTM 527940.837 E	Strike Length Exp:	Metallics:	110	0.66	54.7	51.2
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		80.4	28.3	2.42	201
Sampled By: JMC 08-Apr-07	cps 6000. Hematite stained pink rock.							
847308	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206078.331 N	UTM 527929.268 E	Strike Length Exp:	Metallics:	6	0.17	9.4	6.04
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		84.1	24.5	0.46	168
Sampled By: JMC 08-Apr-07	cps 3000							
847309	Grid North:	Grid East:	Type: Grab	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206109.154 N	UTM 527963.635 E	Strike Length Exp:	Metallics:	342	3.15	16.1	83.7
	Elevation	Sample Width: 0	True Width: 0	Secondaries:	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : siltstone		139	39	27.4	560
Sampled By: JMC 08-Apr-07	cps 10000. Hematite stained pink rock.							
847310	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206074.77 N	UTM 527948.66 E	Strike Length Exp:	Metallics:	11	0.21	12.8	14.6
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : metasomatised sed. rocks		23.2	7.5	0.72	6.7
Sampled By: NP	cps 400. First sample in 1 sequence. From 0-1m across outcrop.							
847311	Grid North:	Grid East:	Type: Chip	Alteration:	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
Wernecke	UTM 7206069.12 N	UTM 527940.13 E	Strike Length Exp:	Metallics:	5	0.13	17.4	4.28
	Elevation	Sample Width: 1 m	True Width: 1 m	Secondaries: mHE	**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
			Host : metasomatised sed. rocks		46.4	11.4	1.11	16.4
Sampled By: NP	cps 1000. Second sample in 1 sequence. From 1-2m across outcrop.							

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847312 Wernecke

Grid North: UTM 7206073.62 N | Grid East: UTM 527940.52 E | Elevation | Sample Width: 0.5 m | Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : metasomatised sed. rocks | Alteration: | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
6	0.24	11.7	4.46
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
58.3	15.2	1.21	100

Sampled By: NP

cps 2000. Third sample of 1 sequence. From 2-2.5m.

847313 Wernecke

Grid North: UTM 7206073.62 N | Grid East: UTM 527941.46 E | Elevation | Sample Width: 0.5 m | Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : metasomatised sed. rocks | Alteration: | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
24	0.41	9.8	5.78
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
67.8	20.2	1.02	200

Sampled By: NP

cps 3000. Fourth sample of 1 sequence. From 2.5-3m.

847314 Wernecke

Grid North: UTM 7206072.38 N | Grid East: UTM 527939.3 E | Elevation | Sample Width: 0.5 m | Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : metasomatised sed. rocks | Alteration: | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	0.66	8.6	7.71
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
63	21.1	3.5	100

Sampled By: NP

cps 2000. Fifth sample of 1 sequence. From 3-3.5m.

847315 Wernecke

Grid North: UTM 7206074.54 N | Grid East: UTM 527938.68 E | Elevation | Sample Width: 0.5 m | Type: Chip | Strike Length Exp: | True Width: 0.5 m | Host : metasomatised sed. rocks | Alteration: | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
<5	0.14	2.7	3.05
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
50.5	10.6	1.29	16.4

Sampled By: NP

cps 1100. Sixth sample of 1 sequence. From 3.5-4m.

847316 Wernecke

Grid North: UTM 7206074.54 N | Grid East: UTM 527939.3 E | Elevation | Sample Width: 1 m | Type: Chip | Strike Length Exp: | True Width: 1 m | Host : metasomatised sed. rocks | Alteration: | Metallics: | Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2150	0.66	2.2	2.66
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
53	13.2	0.98	18.4

Sampled By: NP

cps 800. Seventh sample in 1 sequence. From 4-5m.

847317 Wernecke

Grid North: UTM 7206074.54 N | Grid East: UTM 527938.68 E | Elevation | Sample Width: 1 m | Type: Chip | Strike Length Exp: | True Width: 1 m | Host : metasomatised sed. rocks | Alteration: | Metallics: | Secondaries: mHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
2220	0.39	3.4	2.08
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
52.2	11.3	1.49	11.9

Sampled By: NP

cps 600. Eight sample of 1 sequence. From 5-6m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847318 Wernecke

Grid North: UTM 7205253.924 N
Elevation
Grid East: UTM 528474.047 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host :
Alteration:
Metallics:
Secondaries:

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
125	1.64	45.6	78.4
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
27.9	21	1.06	100

Sampled By: JMC 08-Jun-07

cps 800. Sericite alteration.

847319 Wernecke

Grid North: UTM 7205776.298 N
Elevation
Grid East: UTM 528531.875 E
Sample Width: 0 m
Type: Grab
Strike Length Exp:
True Width: 0 m
Host :
Alteration: sCL
Metallics:
Secondaries: mER

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
27	0.34	42.4	1.06
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
42.7	1190	11.4	2.3

Sampled By: JMC 08-Jun-07

Possibly a small vein?

847320 Wernecke

Grid North: UTM 7206107 N
Elevation
Grid East: UTM 527968 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 1 m
Host : metasomatised sed. rocks
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
718	3.87	14.2	92.9
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
134.5	40	16.15	1000

Sampled By: NP

First sample of 1 sequence. From 0-1m.

847321 Wernecke

Grid North: UTM 7206107 N
Elevation
Grid East: UTM 527968 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 1 m
Host : metasomatised sed. rocks
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
400	4.72	54.4	132.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
145	37.4	24	500

Sampled By: NP

Second sample of 1 sequence. From 1-2m.

847322 Wernecke

Grid North: UTM 7206107 N
Elevation
Grid East: UTM 527968 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 1 m
Host : metasomatised sed. rocks
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
853	2.6	51.9	91.3
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
107	29.4	12.75	500

Sampled By: NP

Third sample of 1 sequence. From 2-3m.

847323 Wernecke

Grid North: UTM 7206107 N
Elevation
Grid East: UTM 527968 E
Sample Width: 1 m
Type: Chip
Strike Length Exp:
True Width: 1 m
Host : metasomatised sed. rocks
Alteration:
Metallics:
Secondaries: sHE

Au (ppb)	Ag (ppm)	Cu (ppm)	Mo (ppm)
282	7.78	18.1	87.5
Ni (ppm)	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
97.7	21.2	66	200

Sampled By: NP

Fourth sample of 1 sequence. From 3-4m.

Rock Sample Descriptions Werneckes

Operator: Fronteer Development Group Inc. **Project:** FRG07-01 2007 **NTS:** 106

847324 Wernecke

Grid North:		Grid East:		Type: Chip		Alteration:		**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Mo (ppm)**
UTM 7206107	N	UTM 527968	E	Strike Length Exp:		Metallics:		2730	10.3	12.5	20.6
Elevation		Sample Width: 1	m	True Width: 1	m	Secondaries: sHE		**Ni (ppm)**	**Co (ppm)**	**Bi (ppm)**	**U (ppm)**
				Host : metasomatised sed. rocks				103	31.5	24.3	100

Sampled By: NP

Fifth sample of 1 sequence. From 4-5m.

Appendix E: Quality Control / Quality Assurance

QUALITY CONTROL / QUALITY ASSURANCE

I Chain of Custody

All samples were packed in rice sacks and sealed with uniquely-numbered non-resealable security straps. Rice sacks were flown via chartered fixed-wing aircraft to Whitehorse where they were transferred to Canadian Freightways for trucking to ALS Chemex Labs Ltd. in Terrace, BC, an ISO 9001 registered laboratory. ALS Chemex reported that all bags were received in good condition, with all security straps intact, and with no evidence of tampering.

II Blank Sample Analysis

Blanks are samples which are known to be barren of mineralization and are inserted into the sample stream in the field to determine whether contamination has occurred after sample collection.

a. Soil Field Blanks

A total of 38 blank samples were inserted into the soil sample sequence (approximately 1 blank per 75 samples) and submitted for analysis. The blank material comprised fine-grained commercially available silica from the same company that supplies ALS Chemex Labs with their blank material.

Sample	Au ppm	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Sb ppm	U ppm
840316	0.013	0.01	0.1	<0.01	0.1	0.7	<0.05	0.3	<0.05	0.13
840384	<0.005	0.01	1.4	0.01	0.1	1.1	<0.05	0.5	<0.05	0.08
840420	<0.005	0.07	0.2	0.01	0.1	1.6	0.1	0.4	<0.05	0.07
840446	<0.005	<0.01	0.2	0.01	0.1	0.2	<0.05	<0.2	<0.05	0.07
840614	<0.005	0.01	0.1	<0.01	0.1	0.5	<0.05	0.3	<0.05	0.09
840689	<0.005	<0.01	<0.1	0.01	0.1	0.7	0.07	0.3	<0.05	0.08
840728	<0.005	<0.01	0.2	<0.01	0.1	0.9	<0.05	0.3	<0.05	0.09
840767	<0.005	0.01	0.1	<0.01	0.1	<0.2	<0.05	<0.2	<0.05	0.12
840825	<0.005	0.06	<0.1	<0.01	<0.1	0.7	<0.05	0.2	<0.05	0.09
840867	0.005	0.01	<0.1	0.01	0.1	0.9	0.07	0.2	<0.05	0.09
840909	<0.005	<0.01	<0.1	<0.01	0.1	0.6	<0.05	0.3	<0.05	0.09
840942	<0.005	<0.01	<0.1	0.04	0.1	0.8	0.05	0.3	<0.05	0.1
840978	<0.005	0.01	<0.1	0.02	0.1	1	0.07	0.3	<0.05	0.09
841016	0.009	0.01	0.1	0.02	0.1	1.4	0.07	0.2	<0.05	0.08
841195	<0.005	0.01	<0.1	0.01	0.1	0.8	0.07	0.3	<0.05	0.12
841392	<0.005	0.01	<0.1	0.03	0.1	0.8	0.07	0.3	<0.05	0.11
841497	0.041	0.01	0.2	0.01	<0.1	0.3	0.05	0.3	<0.05	0.11
841580	<0.005	<0.01	0.7	0.02	0.2	3.4	0.06	0.5	<0.05	0.09
841621	<0.005	0.01	<0.1	0.01	0.2	0.8	0.09	0.4	<0.05	0.1
841650	0.006	0.01	0.3	<0.01	0.1	0.8	0.05	0.4	<0.05	0.1
841716	<0.005	<0.01	0.2	<0.01	0.1	0.8	<0.05	0.5	<0.05	0.09
841827	<0.005	0.01	0.4	0.01	0.1	0.5	<0.05	0.3	<0.05	0.08
841921	0.007	0.02	0.3	<0.01	0.1	0.6	0.07	0.3	<0.05	0.11
841966	<0.005	0.01	0.1	0.02	0.1	1.9	<0.05	0.4	<0.05	0.12
842061	<0.005	0.01	0.2	0.01	0.1	0.8	<0.05	0.4	<0.05	0.09
842092	<0.005	0.01	<0.1	0.01	0.1	0.6	<0.05	0.4	<0.05	0.09
842230	<0.005	0.01	0.5	0.01	<0.1	0.7	0.06	0.5	0.05	0.09
842281	<0.005	<0.01	0.8	<0.01	0.1	0.6	<0.05	0.3	<0.05	0.09
842328	0.01	<0.01	0.8	0.01	0.4	1.4	0.09	0.4	<0.05	0.09
842379	<0.005	0.01	0.7	0.01	0.2	1	0.12	0.5	<0.05	0.09
842424	<0.005	<0.01	0.1	0.01	0.1	1	<0.05	0.3	<0.05	0.13
842494	<0.005	<0.01	<0.1	0.01	0.1	0.9	0.08	0.3	<0.05	0.09
842524	<0.005	<0.01	<0.1	0.01	0.1	0.5	<0.05	0.3	<0.05	0.09
842562	<0.005	<0.01	<0.1	0.02	0.1	0.7	<0.05	0.5	<0.05	0.1
842630	0.055	<0.01	0.1	0.01	0.1	0.7	0.05	0.3	<0.05	0.11
842681	<0.005	0.01	<0.1	0.01	0.1	0.6	<0.05	0.4	<0.05	0.12
842798	<0.005	0.01	<0.1	0.01	0.1	0.6	<0.05	0.3	<0.05	0.09
843524	<0.005	<0.01	0.2	<0.01	0.1	0.8	0.07	0.3	<0.05	0.09

Results of the soil blanks shown in the table above indicate that the blank samples consistently returned very low values for all elements of interest except Au. Three samples returned 13, 41 and 55 ppb Au and given that 9 ppb is the 75th percentile threshold for Au, these results are noteworthy. These data do not point towards widespread field or lab contamination but do point to rare contamination. Sample 842630, which returned 55 ppb gold was reported on a certificate that also reported on some very high Au in soil values up to 697 ppb. It is probable, therefore that some lab contamination occurred among this batch of samples during fire assay procedures.

b. Core Field Blanks

A total of 98 blank samples were inserted into the soil sample sequence (approximately 1 blank per 40 samples) and submitted for analysis. The blank material comprised fine-grained commercially available silica from the same company that supplies ALS Chemex Labs with their blank material.

Sample	Hole	Au ppm	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Sb ppm	U ppm
HV07-27	242016	-0.005	0.01	0.5	0.01	0.2	8.7	0.2	0.4	-0.05	0.2
HV07-27	242063	-0.005	0.02	0.3	-0.01	0.6	1.9	0.13	1.2	-0.05	0.3
HV07-27	242127	-0.005	0.02	-0.2	-0.01	0.2	3.2	0.1	-0.2	-0.05	0.2
UT07-12	244003	-0.005	-0.01	0.8	-0.01	0.1	1.2	0.06	0.4	0.08	0.3
UT07-12	244035	-0.005	0.01	-0.2	-0.01	0.1	1	0.12	0.4	-0.05	0.2
UT07-12	244064	-0.005	0.02	-0.2	0.01	0.3	1	0.08	0.3	-0.05	0.2
UT07-12	244094	-0.005	0.01	0.2	-0.01	0.2	0.9	0.05	0.2	-0.05	0.2
UT07-12	244123	-0.005	0.02	0.3	-0.01	0.2	3	0.09	0.5	-0.05	0.2
UT07-12	244153	-0.005	0.02	0.3	0.01	0.3	7.2	0.13	0.3	-0.05	0.2
UT07-12	244183	-0.005	0.01	0.4	0.03	0.1	2	0.07	0.5	-0.05	0.4
UT07-12	244213	-0.005	0.02	0.9	0.02	0.3	3.6	0.3	0.6	0.08	0.3
PG07-01	244243	-0.005	0.02	-0.2	0.01	0.1	1.6	0.12	0.6	0.05	0.4
PG07-01	244273	-0.005	0.01	-0.2	-0.01	0.1	1.6	0.08	0.7	-0.05	0.3
STM07-01	287512	-0.005	0.02	0.2	-0.01	0.1	1.1	0.19	0.4	-0.05	0.2
STM07-01	287554	0.005	0.01	-0.2	0.01	1	2.5	0.15	1.1	0.06	0.4
STM07-02	287631	-0.005	0.03	-0.2	-0.01	0.1	2.3	0.08	1	-0.05	-0.1
STM07-02	287684	-0.005	0.02	0.4	-0.01	0.2	0.9	0.07	0.6	-0.05	0.2
STM07-03	287734	-0.005	0.02	0.2	0.01	0.4	3	0.13	0.5	0.06	0.3
STM07-03	287780	-0.005	0.02	-0.2	-0.01	0.1	1.2	0.52	0.4	-0.05	0.2
STM07-03	287832	-0.005	0.02	-0.2	-0.01	0.4	2.2	0.18	0.7	-0.05	0.2
STM07-04	287853	-0.005	-0.01	0.2	0.01	0.1	0.8	0.08	0.3	-0.05	0.2
STM07-05	287969	-0.005	0.01	-0.2	-0.01	0.1	1.2	0.06	0.4	-0.05	0.2
UT07-11	333027	0.013	0.02	0.4	-0.01	0.1	1.1	0.06	0.5	-0.05	0.3
UT07-11	333071	-0.005	0.01	-0.2	-0.01	0.2	1.4	0.06	0.6	-0.05	0.3
UT07-11	333086	-0.005	0.03	-0.2	-0.01	0.1	1.2	0.06	0.5	-0.05	0.2
UT07-11	333115	-0.005	0.02	-0.2	0.01	0.1	2.3	0.2	0.7	0.05	0.4
UT07-11	333159	-0.005	0.02	1	-0.01	0.1	1.9	0.06	0.6	-0.05	0.4
UT07-11	333203	-0.005	1.9	7.8	0.02	0.1	2.6	0.08	0.4	0.08	0.2
UT07-11	333291	-0.005	0.02	0.4	-0.01	0.1	1.6	-0.05	0.5	-0.05	0.3
UT07-11	333390	-0.005	-0.01	0.4	-0.01	0.1	3.2	0.36	1.1	-0.05	0.3
UT07-09	398522	-0.005	0.01	-0.2	0.02	0.1	1.5	0.08	0.4	-0.05	0.2
UT07-09	398549	-0.005	0.02	-0.2	0.01	0.1	1	0.05	0.5	-0.05	0.2
UT07-10	398574	-0.005	0.02	0.4	0.01	0.1	1.6	0.05	0.5	-0.05	0.2
UT07-10	398593	-0.005	0.02	0.2	0.02	0.1	1.4	0.07	0.5	-0.05	0.2
UT07-10	398626	-0.005	0.02	1.3	0.03	3.4	3.3	0.3	3.2	-0.05	0.4
UT07-10	398661	-0.005	0.02	0.6	-0.01	0.1	2.2	0.18	1.3	-0.05	0.3
STM07-05	843120	0.012	0.01	-0.2	0.01	0.2	2.2	0.1	0.4	0.12	0.3
STM07-05	843129	0.013	0.02	-0.2	0.04	0.2	3.9	0.06	0.4	0.09	0.3
STM07-05	843165	-0.005	0.01	0.3	-0.01	0.1	1.3	0.08	0.5	-0.05	0.2
STM07-05	843177	-0.005	0.01	0.3	-0.01	0.1	0.7	0.09	0.4	-0.05	0.3
STM07-05	843192	0.005	0.03	0.3	0.06	0.4	1.6	0.07	0.7	0.05	0.3
STM07-06	843207	-0.005	0.02	0.3	-0.01	0.3	1.7	0.09	0.5	-0.05	0.2
STM07-06	843225	-0.005	0.01	0.4	-0.01	0.1	1.8	0.14	0.3	-0.05	0.2
STM07-06	843244	-0.005	0.02	-0.2	0.09	0.3	9.9	0.15	0.7	-0.05	0.2

Sample	Hole	Au ppm	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Mo ppm	Ni ppm	Sb ppm	U ppm
STM07-06	843255	0.005	0.05	0.3	0.01	0.2	1.6	0.09	-0.2	-0.05	0.3
STM07-06	843272	0.01	0.05	0.4	0.02	0.2	2	0.14	1	0.07	0.4
STM07-06	843328	0.005	0.02	-0.2	-0.01	0.2	0.8	-0.05	0.6	0.05	0.3
STM07-06	843358	0.006	0.02	0.4	-0.01	0.4	2.1	0.06	1	0.07	0.3
DR07-01	843368	-0.005	0.02	0.3	0.01	0.1	1.5	0.17	0.4	-0.05	0.2
DR07-01	843392	0.01	0.01	0.4	-0.01	0.1	1.4	0.34	0.4	-0.05	0.2
DR07-01	843424	0.006	0.02	0.3	-0.01	0.1	1.2	0.15	0.4	0.05	0.2
DR07-01	843429	-0.005	0.02	0.3	0.01	0.1	1.3	0.05	0.7	0.06	0.2
HV07-19	844027	-0.005	0.03	-0.2	-0.01	0.1	1	0.08	0.5	0.05	0.3
HV07-19	844050	-0.005	0.01	0.3	-0.01	0.1	3.3	0.44	0.4	-0.05	0.2
HV07-19	844074	0.007	0.02	-0.2	-0.01	0.1	17.3	0.15	1	-0.05	0.2
HV07-19	844133	-0.005	0.03	0.6	0.02	0.2	4.9	0.39	0.7	-0.05	0.2
HV07-19	844156	-0.005	-0.01	0.2	-0.01	0.2	1	0.17	-0.2	-0.05	0.3
HV07-21	844195	-0.005	0.01	0.2	0.12	0.1	1.4	0.21	0.5	-0.05	0.2
HV07-21	844233	0.006	0.01	-0.2	-0.01	0.1	4.5	0.35	0.4	-0.05	0.2
HV07-21	844275	0.012	0.03	0.4	-0.01	0.1	2	0.47	0.4	0.05	0.2
HV07-21	844328	-0.005	0.01	0.2	-0.01	0.1	2	0.12	0.9	-0.05	0.2
HV07-22	844369	-0.005	0.02	0.4	-0.01	0.1	4.5	0.08	0.4	-0.05	0.1
HV07-22	844425	0.015	0.02	-0.2	-0.01	0.1	1.8	0.1	0.6	-0.05	2
HV07-23	844476	-0.005	0.02	-0.2	-0.01	0.1	3.2	0.11	0.4	-0.05	0.3
HV07-23	844529	0.005	0.01	-0.2	-0.01	0.1	1	0.08	0.5	0.07	0.9
HV07-24	844584	-0.005	0.05	-0.2	-0.01	0.1	1.4	0.08	0.6	-0.05	0.3
HV07-25	844633	-0.005	0.01	0.3	-0.01	0.1	2.2	0.06	0.4	-0.05	0.3
HV07-25	844675	-0.005	0.02	0.3	-0.01	0.1	1.7	-0.05	0.7	0.05	0.3
HV07-25	844697	-0.005	0.01	-0.2	0.01	0.1	1	0.06	0.5	-0.05	0.3
HV07-25	844725	-0.005	0.01	-0.2	0.02	0.1	0.8	-0.05	1	-0.05	0.2
HV07-26	844761	-0.005	0.01	-0.2	0.01	0.1	1.2	0.06	0.4	-0.05	0.2
HV07-26	844794	-0.005	0.01	0.6	-0.01	0.1	1.4	0.05	0.7	-0.05	0.3
HV07-26	844823	-0.005	0.01	-0.2	0.01	0.1	2.5	0.15	0.5	-0.05	0.3
FW07-01	844885	0.006	0.02	0.6	-0.01	0.1	1	-0.05	0.5	-0.05	0.2
FW07-01	844910	0.032	0.01	0.4	-0.01	0.1	0.7	0.08	0.4	-0.05	0.3
FW07-02	844971	-0.005	0.02	-0.2	0.03	0.1	0.9	0.1	0.4	0.06	0.2
FW07-02	845038	-0.005	0.01	0.2	-0.01	0.1	1	-0.05	0.4	-0.05	0.3

Results of the core blanks shown in the tables above indicate that the blank samples consistently returned very low values for all elements of interest except Au. A few samples returned elevated ranges up to 32 ppb. Although this value is higher than expected for true blank material, this is still a very low value for core given that this approximately the 60th percentile threshold value for Au in rock samples.

III Duplicate Sample Analysis

Field duplicates are collection and analysis of two separate samples from the same field location or core interval. They are used to measure the reproducibility of sampling, which includes both laboratory variation and sample variation.

a. Soil Field Duplicates

A total of 43 field duplicate soil samples were collected (approximately every 60th sample) during the 2007 program and submitted for analysis. Most metals of interest and associated pathfinder elements were reproducible at 50-90% precision. Au and Cu were reproduced at 70% precision while U and Mo were reproduced at 60%. Bi-Co-Ni-Pb-Sb-REEs were reproduced at about 40% precision. Many of the soil samples collected during the 2007 field program were collected from poorly developed talus fine soils which may be inherently less reproducible than samples from well-developed soil profiles. The 2007 duplicates, however, showed better precision than the 2006 samples in spite of similar techniques and analytical procedures being used in both years. As both lab and field duplicates exhibited similar degrees of variability it is likely that this is due to the sample variability as opposed to laboratory variability.

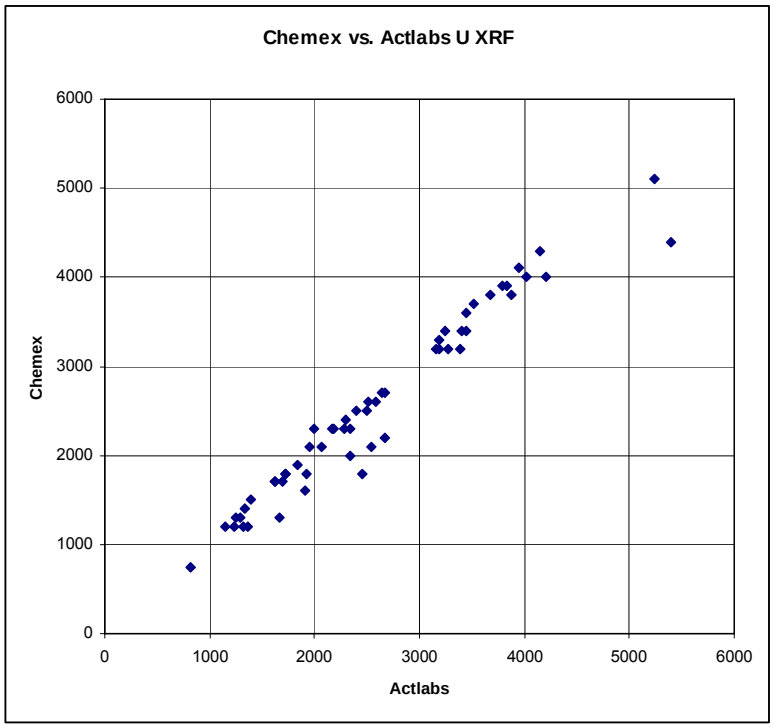
b. Core Field Duplicates

One in forty core samples were quartered and a duplicate sample was collected from the same interval for a total of 93 duplicate pairs during the 2007 drill program. The paired data were plotted to determine precision folloing the procedures of Thompson and Howarth (1978). Metals showed precision levels varying from 20 to 60%. Au-Co-Mo-U were reproducible at 60% precision, Ni and Ag at 50% precision and Cr-Pb-Sb at 20% precision. Thus, for the main elements targeted by the 2007 drilling-namely gold, copper and uranium-precision levels were fairly low. There are two main sources of this variation-laboratory analytical variation and sample variation. Given that ALS Chemex's internal duplicates typically suggest a laboratory analytical precision of about 10%, these field duplicates are most likely attributed to natural inhomogeneities within the sampled core. The bleb-like nature of brannerite, chalcopyrite and molybdenite where observed in hand sample and core from the Wernecke property is consistent with this interpretation.

IV Overlimits

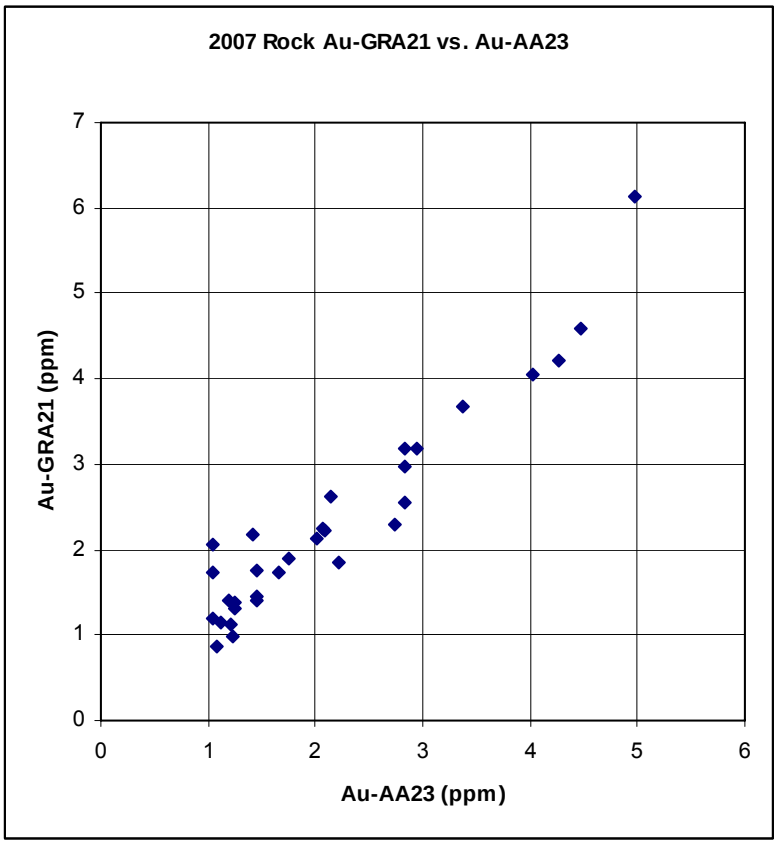
a. Rock Overlimits

All rock samples with U exceeding 1000 ppm by ICP analysis had their pulps subsequently reanalyzed by pressed pellet x-ray fluorescence (XRF). Excellent correlation was found between these two methods – similar to the results from 2006 (Heffernan et al., 2007). Additionally, the pulp material from 56 samples was sent to Activation Laboratories Ltd. (Actlabs) in Ancaster, Ontario, an ISO 17025-certified laboratory, for analysis by pressed pellet XRF. Values reported by Actlabs were on average 1.9% higher than those reported by ALS Chemex (see chart below). Although standards were used in the core sample stream in 2007, the sample size of the standards was too small for the pulps to be sent from Chemex to Actlabs so no standards have been analysed by Actlabs. In general, however, these interlab results fall within acceptable limits despite a few outliers.



Similarly, all rock samples exceeding 1000 ppb Au by initial 30 g fire assay and AA finish (method Au-AA23), totalling 39 samples, had their pulps subsequently re-assayed by ALS Chemex via 30 g fire assay with gravimetric finish (method Au-GRA21). Graphically comparing these results (see chart below) indicates a very good correlation between these two analytical methods with a slight under-reporting of Au values by the initial FA/AA. Several of these samples exceeded 10 g/t Au and two had sufficient reject material to complete screen assay. This limited dataset (as well as the three samples from 2006 that had screen assays

completed) indicates that there can be significant variability between gravimetric and screen analyses which is likely due to the sample size.



Sample	Au (gravimetric) (g/t)	Au (screen) (g/t)
846372	35.7	30.3
347302	9.36	8.39

All rock samples exceeding 10,000 ppm Cu, Pb, Zn by initial ICP analysis had their pulps subsequently assayed with a four-acid digestion and AA finish.

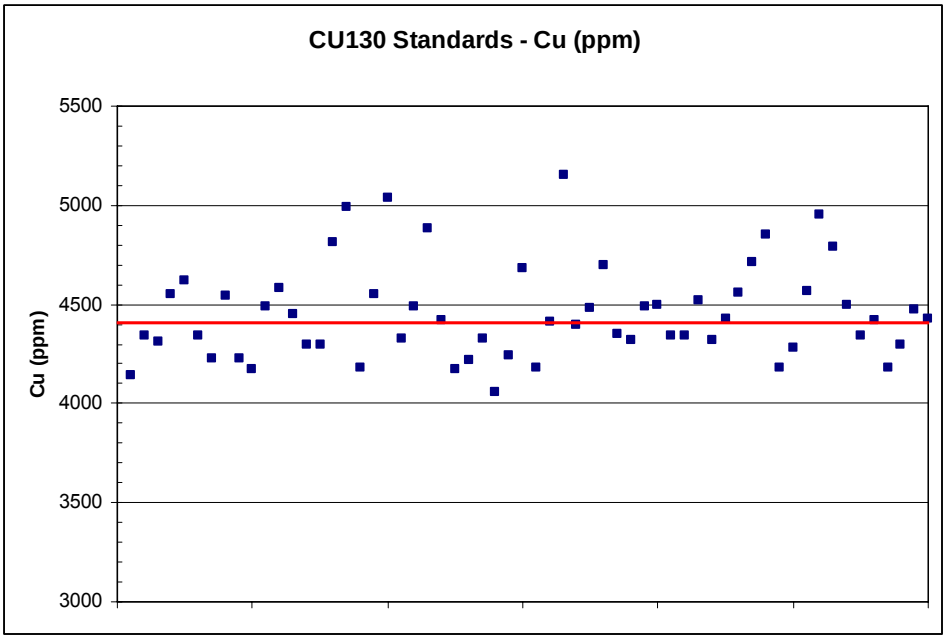
V Standards

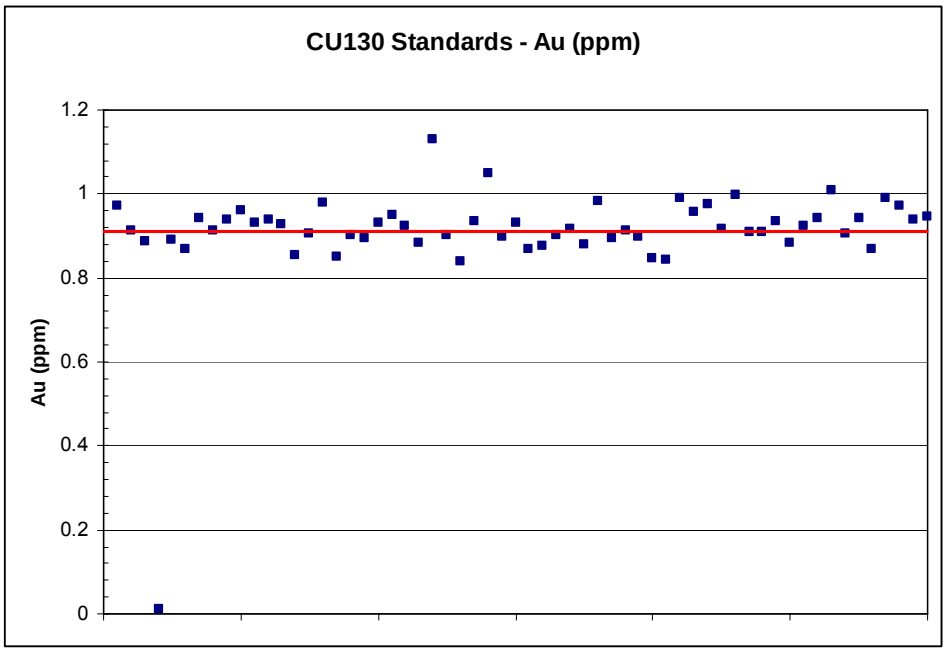
To gauge the accuracy and consistency of analytical results, five different standards were inserted into the core sample stream. A total of 94 standards, or approximately 1 per 43 core samples, were analysed in 2007. A Cu-Au-Mo-Ag standard (CU130) obtained from WCM Minerals and four uranium standards (BL-1, BL-4, RL-1 and UTS-4) obtained from CANMET Mining and Mineral Sciences Laboratories (a division of Natural Resources Canada) were used. In general, uranium standards were inserted into the sample stream where the targeted element was uranium, however the copper standard was used where copper was targeted. The certified values are provided in the table below.

Standard	Number Analysed	Au (ppm)	Ag (ppm)	Cu (ppm)	Mo (ppm)	U (%)	Th (ppm)
CU130	60	0.933	35.8	4400	740	-	-
BL-1	9	-	-	-	-	0.022	15
BL-4	6	-	-	-	-	0.173	n/a
UTS-4	6	-	-	-	-	0.101	15.4
RL-1	13	-	-	-	-	0.201	-

a. Cu-Au Standard

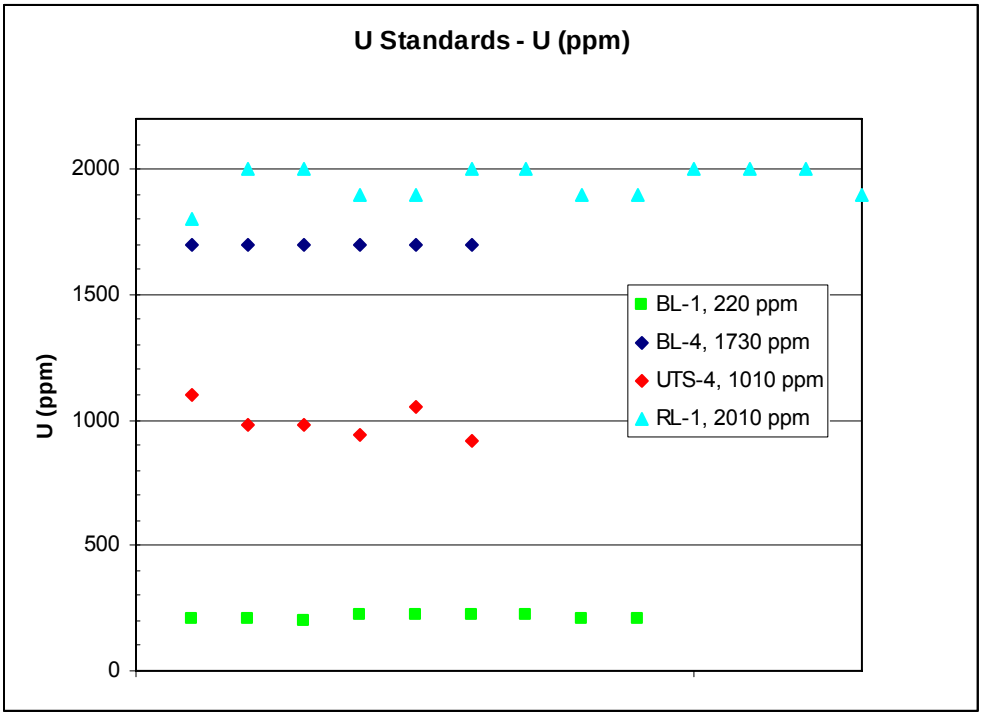
A total of 60 CU130 standards were inserted into the core sample stream. Analyses of standards returned values that compared fairly well with WCM Minerals' certified values. Results for Cu and Au are presented in the charts below and the red horizontal line indicates the certified values. A few samples fell outside a 10% accepted precision and one Au analysis returned 10 ppb for reasons that are unknown.





b. U Standards

A total of 34 U standards were inserted into the rock sample stream and these results were subsequently compared to the above certified values. All of these standards returned values that fell within 10% of the certified values as shown in the chart below.



VI Analytical Interferences

A number of certificates of rock, core and locally soil samples encountered interference effects when high Ca or Mo values were encountered. In these cases, ALS Chemex reported less-sensitive ICP-AES values as opposed to the ICP-MS values. A number of rock and core sample certificates noted that REEs may not be totally soluble with ICP-MS and that REE values for these certificates may be low.

VII Conclusions

- There is no evidence of tampering with the samples between collection and the laboratory.
- Consistently low values for all metals of interest in the blank analyses indicate that contamination of soil or core samples did not take place in the field, or in the lab.
- Field duplicate samples indicate that sampling is poorly reproducible at all but the lowest levels of precision. Most soils from this field program were collected from poorly developed talus fine soils which may be inherently less reproducible than samples from well-developed soil profiles. It is likely that this is due to sample variability as opposed to laboratory variability.
- Assaying of overlimit Au and U analyses shows that ICP geochemical analysis was reasonably accurate for Au and U in rock samples. Limited screen assaying of high-grade Au analyses indicates a fair degree of variability (±20%) between standard fire assaying and screen assaying and the presence of small quantities (<5 mg) of +80 mesh Au. Overlimit assaying for Ag, Cu, Pb and Zn was also carried out.
- Uranium and Cu-Mo-Au-Ag standards inserted into the rock sample stream compared well with known values of these standards with almost all samples and elements falling within 10% of, and scattering about, their known values. A single standard returned 10 ppb Au where the certified value is much higher. It is unknown how this could have occurred but the otherwise good performance of the standard reference materials suggests that widespread inaccuracies did not occur.
- Although not presented here, ALS Chemex carries out a full QA/QC protocol, including blanks, duplicates and standards, on laboratory handling and analysis of samples and satisfy themselves that results are satisfactory, prior to issuing certificates.

Appendix F: Compact Disc

Report text, geochemical and drill databases, geophysical files, drafting and plot files, photographs

Appendix G: Geologist's Certificates

GEOLOGIST'S CERTIFICATE

Darcy E.L. Baker
1003 / 1127 Barclay Street,
Vancouver, BC, Canada

I, Darcy Baker, am President of Equity Engineering Ltd., with offices at Suite 700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a Geoscientist and President of Equity Engineering Ltd., with offices at #700–700 West Pender Street in the City of Vancouver, B.C., in the Province of British Columbia.

I am a graduate of Dalhousie University (1997) with an Honours Bachelor of Science degree in Geology, and am a graduate of the University of Newcastle, Australia (2003) with a Doctor of Philosophy degree in Geology, and I have practiced my profession continuously since 1997.

Since 1997 I have been involved in mineral exploration for gold, silver, copper, lead and zinc in Canada, Alaska and Australia.

I am presently a Consulting Geologist and have been so since May 2003.

Dated at Vancouver, British Columbia, this 31st day of January, 2008.

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Darcy Baker, Ph.D.

Appendix H: Drill Logs

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 803.0
Hole DR07-01	**Azimuth (º):** 340
Location: 7199312 m North, 540839 m East	**Dip (º):** -45.0
Logged by: N. Mitchell	**Length (m):** 177.00
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/15 **Date Completed:** 2007/09/18	
Dip Tests By: Flexit	
Objective Test fracture-hosted copper mineralization exposed along creek at DR Zone.	

Summary Log:

0-12.1 m CASING

12.1-125.05 m SILTSTONE (slts): grey-green MS and CL altered. Minor phyllite and local weak dolomite, trace CP associated with trace PY and HE.

125.05-137.75 m SILTSTONE (slts): grey to buff and locally green owing to CL alteration. Intensely SI-altered with local intense qz veining, wCL, wAB and possible wKF. Trace PY (associated with CL) SP and CP

137.75-177.0 m SILTSTONE (slts): weakly to mod. altered. Unit is blocky due to faulting. sMS, m-sCL, wDOL. Trace CP, PY found in dolomitized patches of unit.

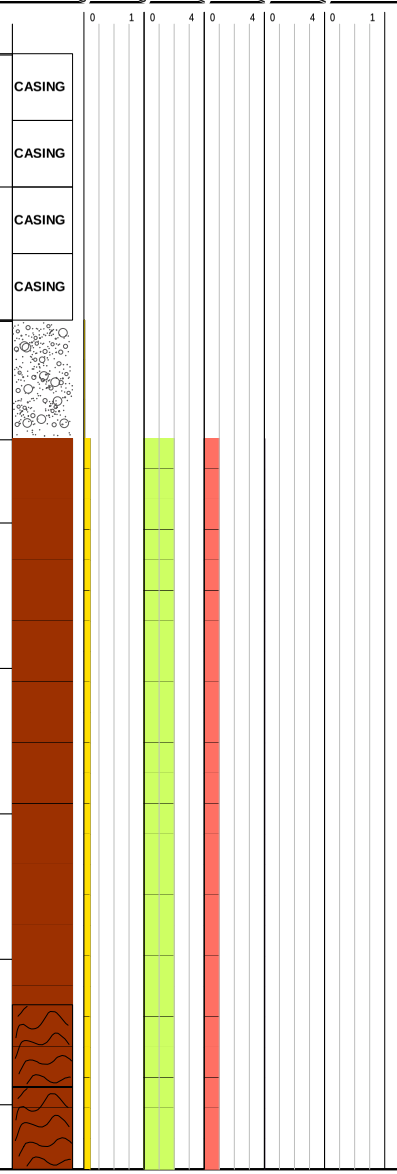
177.0 m E.O.H.

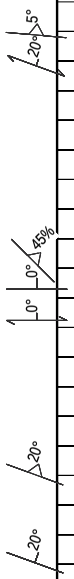
Downhole surveys:

Depth	Dip	Azimuth
0.00	0.00	0.00
0.00	-45.00	340.00
54.00	-45.00	342.00
54.00	-45.00	342.00
54.00	-45.00	315.00
93.00	-45.00	345.00
93.00	-45.00	345.00
93.00	-45.00	318.00
132.00	-45.00	346.00
132.00	-45.00	346.00
132.00	-45.00	319.00
168.00	-45.00	346.00
168.00	-45.00	319.00
171.00	-44.00	369.00
171.00	-44.00	342.60

Project: Werneckes **Hole Number:** DR07-01

From	To	Rocktype & Description
0.00	10.00	OVBN CASING: Rubble, 2 m of recovery.
10.00	12.10	ovb SUBCROP: mostly siltstone, trace chalcopyrite « Chalcopyrite 0.01%» « Malachite 0.01%» .
12.10	125.05	slts SILTSTONE: Weakly to moderately altered and weakly mineralized with chalcopyrite. Colour is variable from grey, green, and varies due to cm-scale change in lithology. Colour is also reflected in alteration intensity. Bedding is generally descernible throughout but has been disrupted by fractures, quartz-carbonate veining and small patches and lamina selectively dolimitized. Oxidation is locally weak to moderate, throughout and is conspicuous owing to secondary carbonates (malachite, azurite) coating joint, foliation and fracture surfaces. Lithology is consistent throughout apart from minor interbeds of pale green/grey phyllitic siltstone. « 30.31- 45.10 foliation weakly developed minor chloritoid 1-4mm blebs and cubes. PHYL » ALTERATION: Unit is weakly to moderately chlorite-sericite altered. Chloritoid(?) porphyoblasts (1-4 mm) give a spotted texture throughout. Moderate salt and pepper dolomitization which is roughly strata bound in 10-20 cm layers, patches found 1 per meter. « 12.10-90.87 Chlorite 2» « 12.10-125.05 Sericite 1» « 12.10-125.05 Dolomite 1» dolomitization « 90.87- 125.05 increase in chlorite alteration. Chlorite 2.50» « 12.10- 125.05 chloritoid, throughout 2%»





From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
12.00	15.00	3.00	843362	-0.005	0.04	300	1.7	0.26
15.00	18.00	3.00	843363	-0.005	0.05	487	2.2	0.26
18.00	21.00	3.00	843364	0.006	0.13	1175	2.2	0.29
21.00	24.00	3.00	843366	0.009	0.04	460	1.7	0.28
24.00	27.00	3.00	843367	0.006	0.12	289	2.4	0.26
27.00	30.00	3.00	843369	0.013	0.06	628	2.0	0.91
30.00	33.00	3.00	843370	0.009	0.20	677	1.9	0.29
33.00	36.00	3.00	843371	-0.005	0.05	117	2.3	0.18
36.00	39.00	3.00	843372	-0.005	0.03	48	2.2	0.19
39.00	42.00	3.00	843373	0.008	0.06	125	3.3	0.28
42.00	45.00	3.00	843374	0.007	0.01	30	2.6	0.23
45.00	48.00	3.00	843375	0.007	0.09	376	1.7	0.19
48.00	51.00	3.00	843376	-0.005	0.03	109	1.5	0.16
48.00	51.00	3.00	843377	-0.005	0.03	240	1.7	0.18
51.00	54.00	3.00	843378	0.017	0.13	1075	1.5	2.08
54.00	57.00	3.00	843379	0.008	0.08	432	1.7	0.37
57.00	59.70	2.70	843380	0.012	0.04	248	2.1	0.24
59.70	61.70	2.00	843381	0.011	0.03	99	1.5	0.23
61.70	63.00	1.30	843382	0.005	0.02	74	2.1	0.20
63.00	65.50	2.50	843383	0.012	0.02	150	3.0	1.46
65.50	68.70	3.20	843384	0.013	0.03	386	2.0	0.24
68.70	72.00	3.30	843385	0.009	0.01	221	2.9	0.28
72.00	74.50	2.50	843386	0.006	0.02	424	2.1	0.23
74.50	79.00	4.50	843387	0.010	0.02	333	2.7	0.25
79.00	80.80	1.80	843388	0.012	0.03	186	2.1	0.30
80.80	83.80	3.00	843389	0.016	0.03	202	2.0	0.21

Project: Werneckes **Hole Number:** DR07-01

From	To	Rocktype & Description

STRUCTURE:
The unit is broken and blocky, partially due to faulting as well as bedding and foliation at very shallow angles to core axis. Micro faults as well as tensional gashes also disrupt bedding and foliation.

Micro faults and gashes are often healed with quartz dolomite +/- calcite and generally intersect the bedding at a high angle.

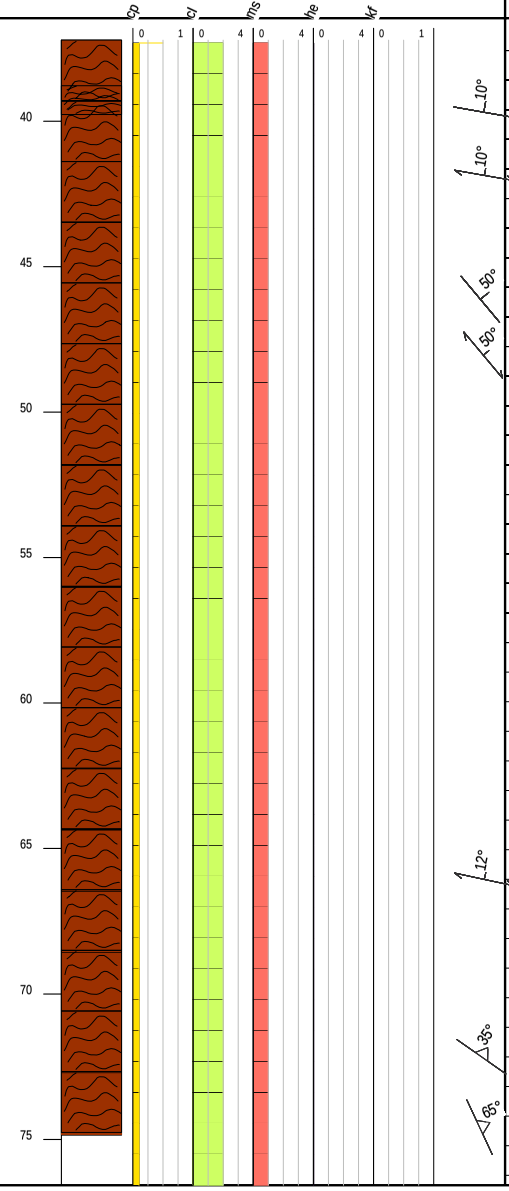
Minor crenulations are observed late and are cross-cut by veining and faulting.

< @ 30.21 Bedding 20.00° >
< @ 13.25 S1 Foliation 20.00° >
< @ 20.80 Bedding 0° >
< @ 20.81 S1 Foliation 0° >
< @ 46.00 Bedding 50.00° >
< @ 46.00 S1 Foliation 50.00° >
< @ 41.80 Bedding 10.00° >
< @ 41.80 S1 Foliation 10.00° > finely laminated
< @ 66.00 wavey S1 Foliation 12.00° >
< @ 72.01 > crenulation, crosscut by 4mm qz-ca vein
< @ 93.70 S1 Foliation 0° >
< @ 94.70 S2 Foliation 75.00° >
< @ 108.77 S1 Foliation 29.00° >
< @ 116.50 Bedding 20° >
< @ 116.55 S1 Foliation 18.00° > thinly laminated
Fold hinge at 120.51 m

« broken, clays angular clasts 3cm FLTG 50.00°»
< @ 46.00 FLTG 45.00° > cm-scale movement, micro fault seem to flatten to 0 deg. TCA
« 74.76- 81.56m FLTG 50°» broken, clasts 3cm

Late stage veins and veinlets crosscut bedding and foliation, and locally remobilize cp. Earlier Chalcopyrite mineralization hosted in qz-cb-ca+/-he-py veins and diffuse patches throughout unit.

< @ 12.08 5° > qz-cb-ca+/-he, py



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
83.80	87.00	3.20	843390	0.028	0.03	507	2.5	0.23
87.00	89.70	2.70	843391	0.007	0.04	518	2.4	0.83
89.70	93.70	4.00	843394	0.017	0.03	263	1.8	0.77
93.70	96.70	3.00	843395	0.010	0.03	173	2.0	0.44
96.70	99.00	2.30	843396	0.017	0.03	142	2.8	0.25
99.00	101.79	2.79	843397	0.018	0.05	532	1.7	0.43
101.79	102.54	0.75	843398	0.034	0.08	290	2.1	0.65
102.54	105.00	2.46	843399	0.066	0.04	405	2.2	0.44
105.00	106.97	1.97	843400	0.008	-0.01	221	2.7	0.31
106.97	107.30	0.33	843401	0.045	0.02	278	1.6	0.87
107.30	108.00	0.70	843402	0.010	-0.01	202	3.2	0.88
108.00	111.00	3.00	843403	0.008	-0.01	310	3.0	1.96
111.00	114.00	3.00	843404	-0.005	-0.01	197	2.3	1.01
114.00	114.47	0.47	843405	0.006	-0.01	536	1.7	0.24
114.47	114.76	0.29	843406	0.033	0.10	3190	1.0	0.91
114.76	117.00	2.24	843407	0.008	-0.01	582	2.1	0.22
117.00	120.00	3.00	843408	0.033	-0.01	286	2.2	0.23
120.00	120.78	0.78	843409	0.007	-0.01	810	1.8	0.27
120.78	121.50	0.72	843410	0.108	0.15	8730	1.9	0.52
121.50	123.00	1.50	843411	-0.005	-0.01	96	1.8	0.29
123.00	125.05	2.05	843412	0.005	-0.01	272	2.5	0.84

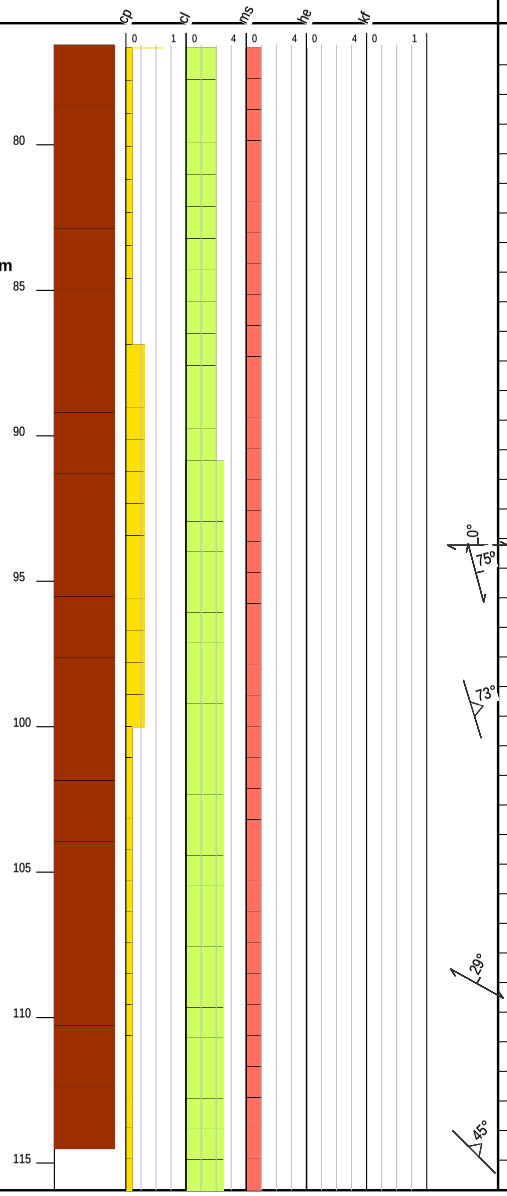
Project: Werneckes **Hole Number:** DR07-01

From	To	Rocktype & Description

< @ 19.87 45.00° 1.00cm > qz-ca-dol-cp vein
< @ 27.18 20° 3mm >
< @ 72.00 35° 3mm > qz-ca-dol veinlet
< @ 74.50 vein 65° 5cm > qz-dol-cl-cp trace
< @ 99.34 Quartz Chlorite mg Chalcopyrite dol, minor carb vein 73° 36cm >
< @ 114.47 Quartz Chlorite mg Chalcopyrite Dolomite minor carb vein 45° 45cm >
< @ 120.78 Quartz Chlorite mg Chalcopyrite Dolomite fk minor carb vein 30° 39cm >

MINERALIZATION:
found in dolomitized patches and in patches of qz-ca-cb-dol-cp altered areas and remobalized in later qz-dol-ca veins
« 12.10-125.05 Chalcopyrite 0.10%»
Locally elevated chalcopyrite « 86.87- 100.00 Chalcopyrite 0.30%»
« 12.10-125.05 Pyrite 0.01%»
« 12.10-125.05 Hematite 0.01%»
« 12.10-125.05 mg 0.10%»

Quartz veining with spotted texture, chlorite round phorphroblasts 3-6mm wide with magnetite, minor hematite, dolomite with minor carb alteration. Minor amounts of chalcopyrite associated with quartz and fine -grained chalcopyrite in carbonate altered portion.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** DR07-01

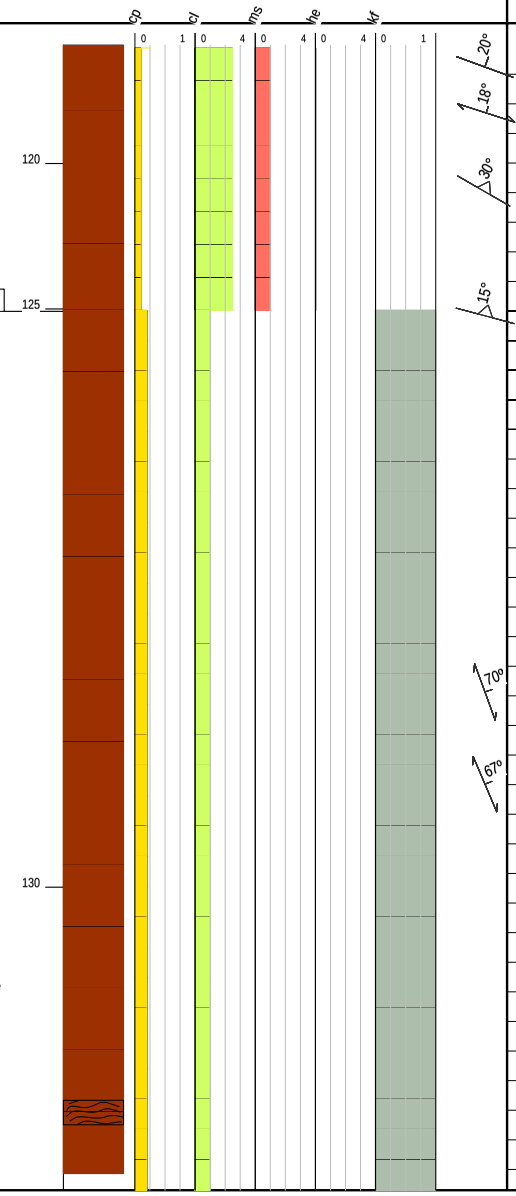
From	To	Rocktype & Description
125.05	137.75	slts

SILTSTONE: intensely silicified with intense quartz veining. Protolith difficult to identify but relict texture is consistent with alteraiton of siltstone. The upper contact is gradational with a marked increase in silicification and destruction of primary features. This unit is grey to buff and green where chlorite is common.

The margins of the unit and minor portions of the inner unit are brecciated; clasts are sub-angular and 2-20 mm. Clasts have diffuse irregular margins and are quartz matrix supported. Possibly later veins 10-30 cm (listed bellow) cross-cut core at low angles digesting host rock, margins are embayed and irregular.

ALTERATION:
Unit is strongly silicified with zones of albite and possible potassic alteration. Minor fractures and joints (1-2mm) are healed with chlorite. Minor hematite alteration also noted in the core.
« Silicification 4.00*»
« Chlorite 1.00*»
« Albite 1.00%» patchy 137.02-137.80 m
« K-feldspar 1.00*» patchy and suspect...possible hematite dusting.

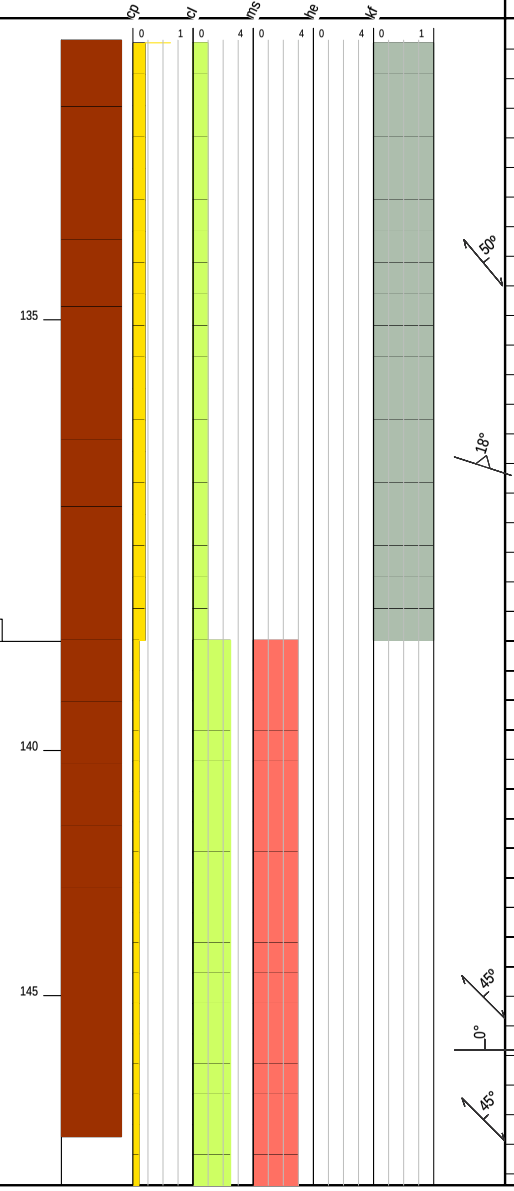
STRUCTURE:
Veins comprise chlorite aggregates with minor dolomite +/- hematite and pyrite blebs. Unit is competent and much less broken than rock above, jointing is at high angles to core with minor faulting.
< @ 128.32 S2 Foliation 70.00° >
< @ 129.11 S2 Foliation 67.00° >
< @ 134.50 S2 Foliation 50.00° >
« 131.83- 132.04 FLTG 45.00°» fault gouge



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
125.05	125.75	0.70	843413	0.108	0.10	8940	1.3	1.47
125.75	128.50	2.75	843415	0.007	0.01	167	3.6	2.23
128.50	131.00	2.50	843416	-0.005	-0.01	123	1.7	0.96
131.00	133.30	2.30	843417	-0.005	0.02	23	4.4	0.27
133.30	137.10	3.80	843418	-0.005	0.01	61	1.9	0.16

Project: Werneckes **Hole Number:** DR07-01

From	To	Rocktype & Description
		< @ 128.45 micro fault 1mm healed with chlorite and dolomite micro fault 88° 1mm >
		< @ 125.05 chlorite with minor dolomite +/- hematite with blebs of pyrite 1-3mm, trace sphalerite and chalcopyrite vein? 15° 30cm >
		< @ 136.21 chlorite with minor dolomite +/- hematite with blebs of pyrite 1-3mm wicker, trace sphalerite and chalcopyrite vein? vein? 18° 16cm >
		MINERALIZATION:
		Very fine-grained chalcopyrite occurs mainly in chlorite aggregates and also in chlorite healed micro fractures as well as occasional blebs in the pervasive silicified unit. Unlike the rest of the unit, pyrite blobs and sub-euhedral crystals are found throughout the unit but are slightly more concentrated in chlorite veins. Trace wisps of sphalerite are also found in chlorite veins.
		« Chalcopyrite 0.20%»
		« Pyrite 3.00%» mostly associated with chlorite.
		« Sphalerite 0.01%»
137.75	177.00	slts
		SILTSTONE: Weakly to moderately altered with trace chalcopyrite. Colour is variable from light to dark green, and varies with chlorite content. Bedding is generally discernible throughout but has been disrupted by fractures, minor quartz-carbonate veining and small patches and lamina selective carbonate alteration.
		Lithology is consistent throughout and unit is equivalent to the upper siltstone unit
		ALTERATION:
		« Sericite 3.00*»
		« Chlorite 2.50*»
		« 137.75- 177.00 Dolomite 1 »
		MINERALIZATION:
		trace chalcopyrite occurs in dolomitized patches and in qz-ca-Kf-cb-dol-cp altered patches
		« Chalcopyrite 0.1»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
137.02	143.40	6.38	843420	-0.005	-0.01	17	2.8	0.47
143.40	143.90	0.50	843421	-0.005	-0.01	35	2.7	0.32
143.90	147.00	3.10	843422	0.014	-0.01	114	2.2	0.27
147.00	150.00	3.00	843423	-0.005	-0.01	86	2.0	0.19
150.00	153.00	3.00	843425	0.016	-0.01	265	1.9	0.36
153.00	156.00	3.00	843426	-0.005	-0.01	72	1.7	0.16
156.00	159.00	3.00	843427	0.020	-0.01	52	1.7	0.14
159.00	162.00	3.00	843428	-0.005	0.02	144	2.1	0.16
162.00	165.00	3.00	843430	-0.005	-0.01	135	2.3	0.18
165.00	168.00	3.00	843431	-0.005	-0.01	213	2.3	0.20
168.00	171.00	3.00	843432	-0.005	-0.01	118	2.3	0.35
171.00	174.00	3.00	843433	-0.005	-0.01	125	2.4	0.63
174.00	177.00	3.00	843434	0.005	0.01	387	2.0	0.33

Project: Werneckes

Hole Number: DR07-01

From	To	Rocktype & Description

« Pyrite 0.5%»

STRUCTURE:

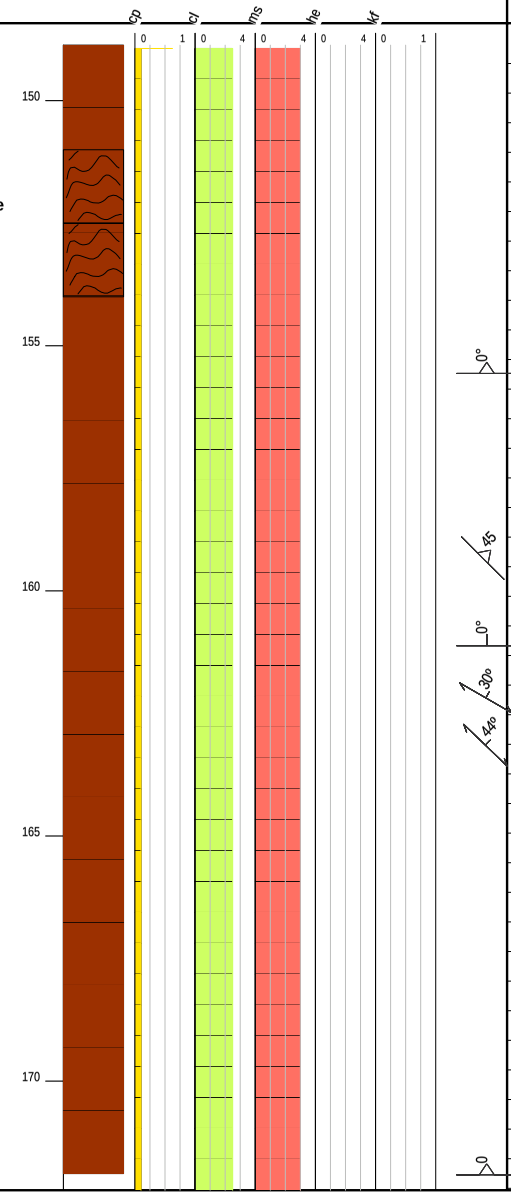
The unit is broken and blocky, partially due to faulting as well as bedding and foliation at very shallow angles to core axis. Mico faults as well as tensional gashes also disrupt bedding and foliation. Minor crenulations are observed late and are cross-cut by veining and faulting.

< @ 149.50 S2 Foliation 45.00° >
< @ 149.50 Bedding 0° >
< @ 149.60 S1 Foliation 45.00° >
< @ 149.70 S3 Foliation 10.00° >
< @ 159.25 S3 Foliation 45.00° >
< @ 162.15 Bedding 0° >
< @ 162.15 S2 Foliation 30.00° >
< @ 163.12 S2 Foliation 44.00° > weakly developed crenulations
< @ 176.20 Bedding 30.00° >
< @ 176.25 S1 Foliation 30.00° >
« 151.00- 154.00 very broken and blocky FLTG 0°»

Faults and tension gashes are typically healed with chlorite, quartz dolomite +/- calcite and generally intersect the bedding at a high angle.
< @ 163.43 micro faulting, off set 5mm fault 88.00° > healed with Chlorite and minor calcite.
< @ 164.30 minor faulting fault 20 > this 19cm zone has fine grained Chalcopyrite and strong chlorite alteration.

Late stage veins and veinlets cross-cut bedding and foliation. Chalcopyrite mineralization hosted in qz-cb-ca-kf+/- he, Pyrite which in some portions of the core are moderately well-defined and seem to be roughly concordant to bedding.
< @ 159.25 do Calcite chl brecciated vein 45 1cm >
« 164.30- 164.49 Quartz - Calcite - carbonate (ankerite?) - Dolomite - Chalcopyrite 20°
((155.45 Quartz Calcite do 19cm, 20 deg TCA))
< @ 171.80 Quartz - Calcite - carbonate (ankerite?) - Dolomite - Chalcopyrite cp mzn 2cm > at 0 deg TCA

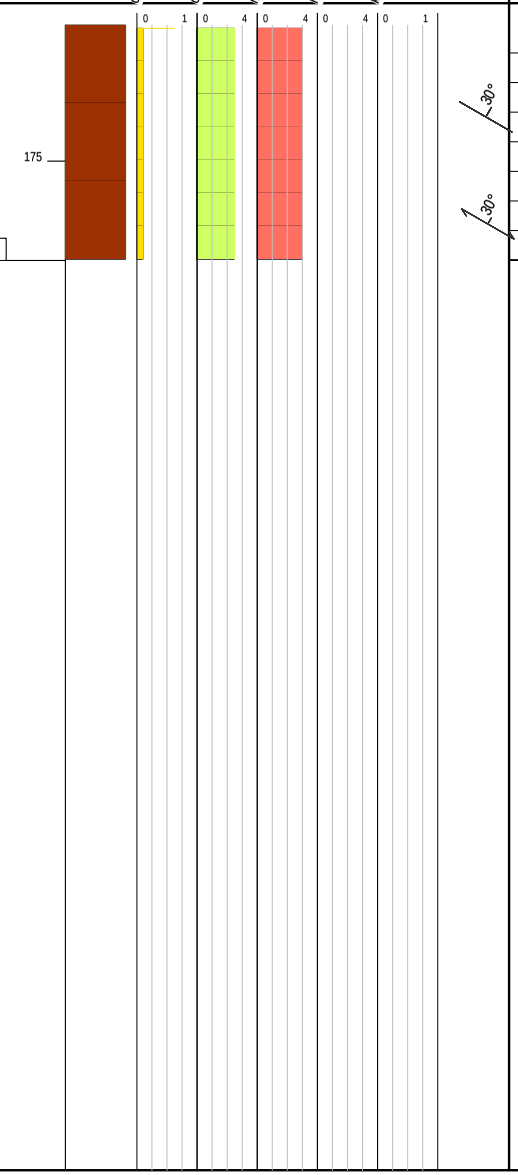
EOH = 177.0 m



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

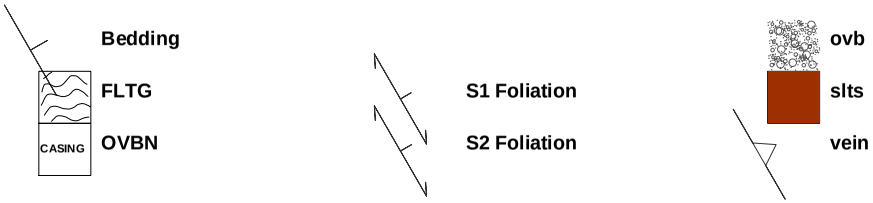
Project: Werneckes **Hole Number:** DR07-01

From	To	Rocktype & Description
177.00	177.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 870.0
Hole DR07-02	**Azimuth (º):** 340
Location: 7199257 m North, 540813 m East	**Dip (º):** -50.0
Logged by: N Mitchell	**Length (m):** 172.90
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/19 **Date Completed:** 2007/09/24	
Dip Tests By: Flexit	
Objective To test for a westerly extension of teh DR Zone 75 m along strike of DR07-01.	

Summary Log:

0-4.6 m CASING

4.6-77.7 m SANDSTONE (sst): grey to green. mCL, sSI. Trace MC, PY, CP

77.7-108.0 m SANDSTONE (sst): grey to buff to dark green. 15% brecciated. m-sCL, CA, sSI, wHE. Trace PY, CP

108.0-162.55 m SANDSTONE (sst): grey to buff to green. sSI, mCL, mHE. Trace PY, CP

162.55-172.9 m SANDSTONE (sst): grey to buff to green. mSI, mCL. Trace CP, PY

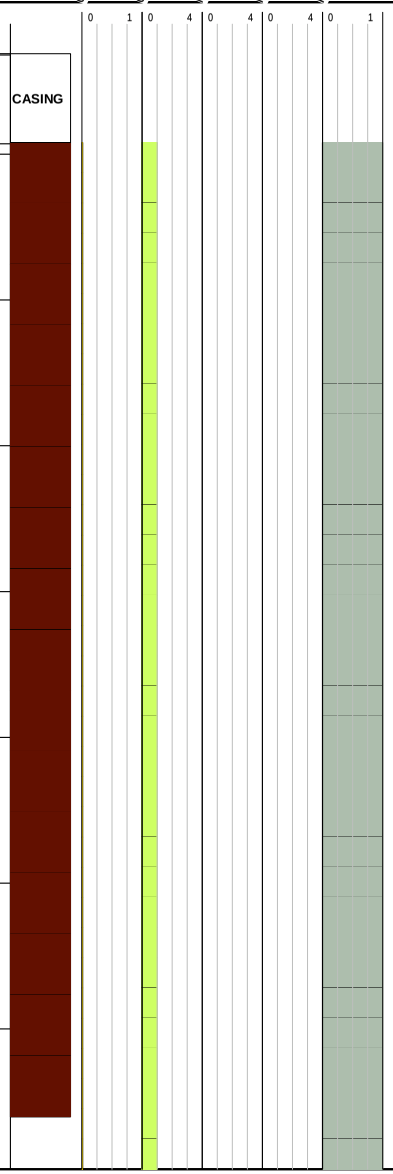
172.9 m E.O.H.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	340.00
7.00	-50.00	324.00
52.00	-47.00	317.00
97.00	-47.00	319.00
142.00	47.00	316.00
172.00	-47.00	316.00

Project: Werneckes **Hole Number:** DR07-02

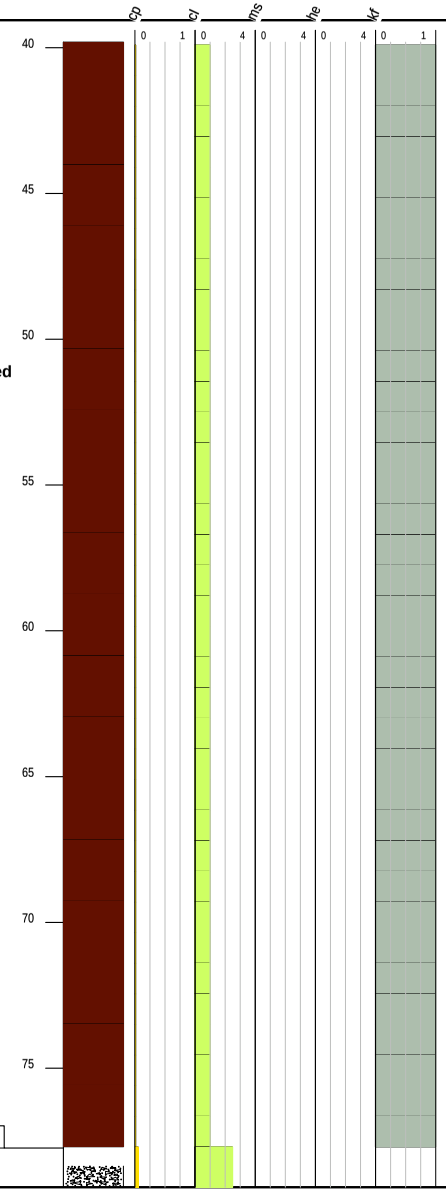
From	To	Rocktype	& Description
0.00	4.60	OVBN	CASING: 10% recovery, rounded pebbles.
4.60	77.70	sst	SANDSTONE: Most primary features are not preserved. The lower contact is gradational and defined by a minor decrease in silicification and an increase in chlorite present along fractures. This unit is grey to buff but green where chlorite alteration is stronger. ALTERATION: Unit is strongly Silicified throughout with zones of potassic (?) and albitic alteration. Minor fractures and joints (1-2mm) are healed with later dolomite. « Silicification 3.00*» « K-feldspar 1.00*» not observed in staining some maybe not actually kfeldspar « Albite 1.00%», supported by petrophraphic report « Chlorite 1.00*» later and infilling fractures and rimming veins and veinlets, unit very silica flooded chlorite unable to form due to armouring? Minor disseminated chalcopyrite is primarily located healing micro fractures (later) and in quartz dolomite chlorite veins. 1-2mm specks of chalcopyrite is also found in chlorite healing micro fractures as well as occasional blebs in Silicified. Pyrite blobs (5-10mm) and sub-euhedral crystals are found throughout the unit, but are slightly more concentrated in chlorite veins. Trace amounts of Malachite on some joint and fracture plains. « Chalcopyrite 0.01%» « Pyrite 0.01%» « Magnesite 0.01%» mzn is not strong in this unit. STRUCTURE: « 4.60- 31.50 weathering » malachite and iron oxide (jarosite) along foliation and fractures. < @ 8.86 S2 Foliation 45.00° > < @ 18.31 S2 Foliation 35.00° > rough < @ 28.21 S2 Foliation 30.00° > joints lined with chlorite, smooth < @ 35.73 S2 Foliation 50.00° > < @ 41.77 S2 Foliation 65.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
4.50	5.10	0.60	843435	-0.005	0.10	62	1.5	0.51
5.10	7.50	2.40	843436	0.006	0.10	273	1.3	0.44
7.50	10.50	3.00	843437	-0.005	0.03	176	1.2	0.78
7.50	10.50	3.00	843438	0.009	0.02	174	1.1	0.33
10.50	12.90	2.40	843439	0.005	0.04	119	2.3	0.64
12.90	14.80	1.90	843440	0.013	0.06	586	1.2	0.27
14.80	17.50	2.70	843441	0.022	0.06	973	1.4	0.98
17.50	20.70	3.20	843442	0.011	0.03	532	1.6	1.12
20.70	22.30	1.60	843443	0.013	0.09	1130	1.1	0.56
22.30	25.50	3.20	843444	0.006	0.06	183	1.3	0.52
25.50	28.50	3.00	843445	0.008	0.01	98	1.3	0.45
28.50	31.50	3.00	843447	-0.005	0.03	67	0.8	0.43
31.50	34.50	3.00	843448	0.007	0.05	184	1.2	0.54
34.50	37.50	3.00	843449	0.007	0.07	88	1.2	1.70
37.50	40.10	2.60	843450	0.005	0.08	114	1.1	1.13
40.10	43.01	2.91	286551	-0.005	0.02	23	0.9	0.77
43.01	46.50	3.49	286552	-0.005	-0.01	23	1.0	0.93
46.50	48.80	2.30	286553	0.005	0.02	152	1.4	1.14
48.80	51.00	2.20	286554	-0.005	0.03	188	1.3	0.34
51.00	54.00	3.00	286555	-0.005	0.08	93	1.3	1.19
54.00	57.80	3.80	286556	-0.005	0.05	20	1.2	0.71
57.80	60.00	2.20	286557	-0.005	0.02	16	1.1	0.66
60.00	62.70	2.70	286558	-0.005	0.04	43	1.0	1.45
62.70	64.10	1.40	286559	0.005	0.03	16	2.0	0.85
64.10	67.10	3.00	286560	-0.005	0.02	53	1.8	1.62
67.10	70.50	3.40	286561	-0.005	0.06	47	4.2	3.19
70.50	73.50	3.00	286562	-0.005	0.09	56	1.2	1.68
73.50	76.30	2.80	286563	-0.005	0.05	126	1.3	0.99

Project: Werneckes **Hole Number:** DR07-02

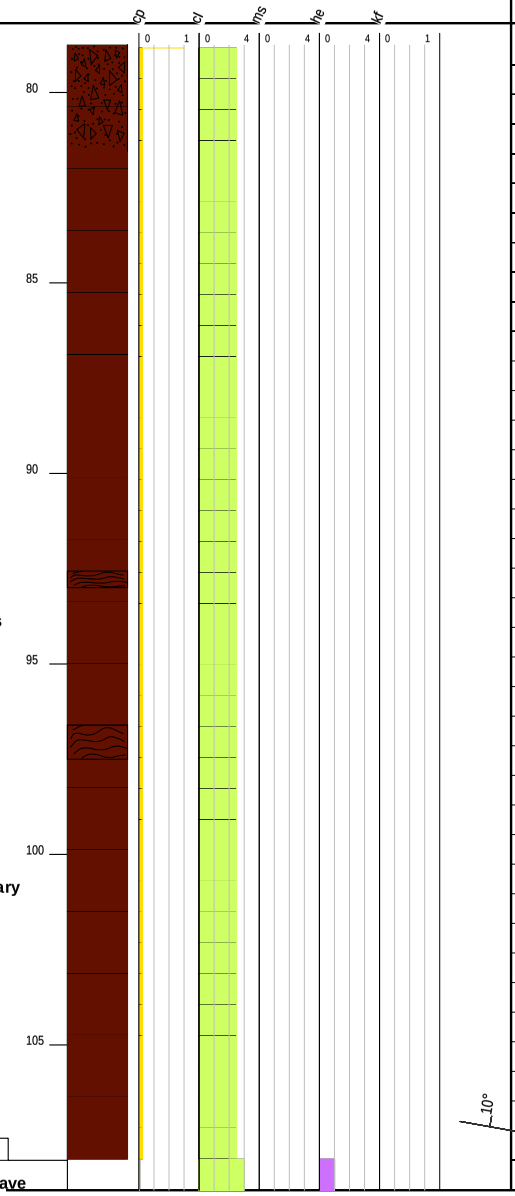
From	To	Rocktype & Description
		< @ 48.74 S2 Foliation 48.00º > SMOOTH
		< @ 55.71 S2 Foliation 55.00º >
		< @ 61.67 S2 Foliation 45.00º >
		< @ 67.01 S2 Foliation 50.00º > hackly and fractured.
		< @ 70.61 S2 Foliation 45.00º >
		< @ 75.29 S2 Foliation 70.00º > difficult to determine if this is a joint or fault...no sense of movement.
		< @ 35.74 gouge, fine clays. FLTG 50° 20cm >
		< @ 48.03 strongly weathered anD broken fault 70.00º 30.00cm >
		Unit is strongly sheared and faulted with little movement apparent.
		Dolomite-calcite veins with 1mm rims of chlorite along the margins are embayed and irregular and are found sporatically throughout the top 40 m of the hole, 1 vein per 2 m. Quartz veins with minor dolomite with minor blebs of pyrite cross-cut unit at consistently moderate angles to core axis, listed bellow. Unit is broken and jointing (?) is at high angles to core with minor faulting generally at a shallower angle to core axis.
		< @ 4.60 Chalcopyrite Pyrite Dolomite vein 45° >
		< @ 4.60 do-cb-cl rim, vein 35° 1cm > 1mm rim of chlorite, irregular margins
		< @ 20.99 Quartz Dolomite vein 40° 2cm >
		< @ 4.60 Quartz Chlorite vein 65° 1cm > 1mm rim of chlorite, irregular margins
		< @ 50.91 Specularite Dolomite Quartz Chlorite vein 45° 3cm > only one noted in unit. Hs is acicular 1-3mm crystals.
		< @ 61.65 Quartz carbonate (ankerite?) vein 45° 3cm >
		< @ 70.65 Quartz Chlorite vein 45° 3cm > diffuse margins
		Minor 1mm veinlets of chlorite exploiting fractures throughout the unit, generally at the same angles as the jointing listed above.
77.70	108.00	sst
		SANDSTONE: Lithologicaly identical to above unit with an increase in chlorite



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
76.30	78.00	1.70	286564	0.008	0.10	40	1.7	1.67
78.00	81.00	3.00	286565	-0.005	0.07	12	3.2	2.84
81.00	82.50	1.50	286566	-0.005	0.11	135	1.4	3.55

Project: Werneckes **Hole Number:** DR07-02

From	To	Rocktype & Description
		alteration and unit is broken and faulted.
		This unit is grey to buff and dark green where chlorite alteration is present.
		ALTERATION:
		Unit is strongly silicified primary grains are not readily visible
		« Chlorite 2.00*»
		« 77.70- 108.00 Silicification 3.00*»
		« 77.70- 108.00 Calcite 1.00»
		MINERALIZATION:
		Chlorite alteration and matrix host blebs of pyrite with very minor
		fine-grained specks of chalcopyrite. Chalco also found in healing micro
		fractures, late stage(?).
		« Chalcopyrite 0.05%»
		« Pyrite 0.05%»
		STRUCTURE:
		15% of the unit is brecciated , clasts are sub-angular and from 2-20 mm. Clasts
		have well-defined irregular margins and are matrix supported, matrix is
		generally fibrous chlorite with minor quartz +/- hematite with blebs of pyrite.
		Unit is competent and much less broken than rock above, jointing is at high
		angles to core with meter scale faulting as well as minor faulting.
		< @ 79.00 jointing 50° >
		< @ 89.35 jointing 50 >
		< @ 86.14 jointing 60 >
		< @ 109.00 jointing 60° >
		< @ 109.89 Bedding 10.00° > only part of the core where you can see any primary
		feature.
		« 78.21- 81.56 brittleshear FLTB, with Chlorite matrix 20%, SS 80% trace
		Pyrite and cp»
		« 92.56- 93.00 white clays and calcite, angular clasts 3-15cm FLTG »
		« 96.60- 97.50 white clays and calcite, angular clasts 3-15cm FLTG »
		< @ 102.00 FLTG >
108.00	162.55	sst
		SANDSTONE: grey to buff and green. Pimary features of unit are not present have



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
82.50	84.00	1.50	286567	-0.005	0.04	46	1.1	1.40
84.00	86.30	2.30	286568	-0.005	0.03	50	1.5	0.88
86.30	89.10	2.80	286569	-0.005	0.04	161	1.5	0.43
89.10	92.70	3.60	286570	-0.005	0.06	69	1.7	1.29
92.70	95.80	3.10	286571	-0.005	0.08	65	2.6	1.82
95.80	97.50	1.70	286572	-0.005	0.11	17	6.9	0.66
97.50	100.00	2.50	286573	-0.005	0.02	34	2.1	1.52
100.00	103.30	3.30	286574	-0.005	0.09	269	1.6	2.15
103.30	106.50	3.20	286575	-0.005	0.06	124	2.4	1.47
106.50	108.00	1.50	286576	-0.005	0.04	97	3.5	0.68
108.00	111.00	3.00	286577	-0.005	0.04	23	2.3	1.52
111.00	113.60	2.60	286578	-0.005	0.02	17	1.3	3.10

Project: Werneckes **Hole Number:** DR07-02

From	To	Rocktype & Description

been obliterated by shearing, faulting and alteration. Lower contact is gradational and based decreasing chlorite.

« 146.01- 152.13 interbed slts » brecciated contact

Poor or no recovery at:
139.5 - 141.0 m clay washed away, no recovery
141.0 - 142.5 m 10 cm recovery.

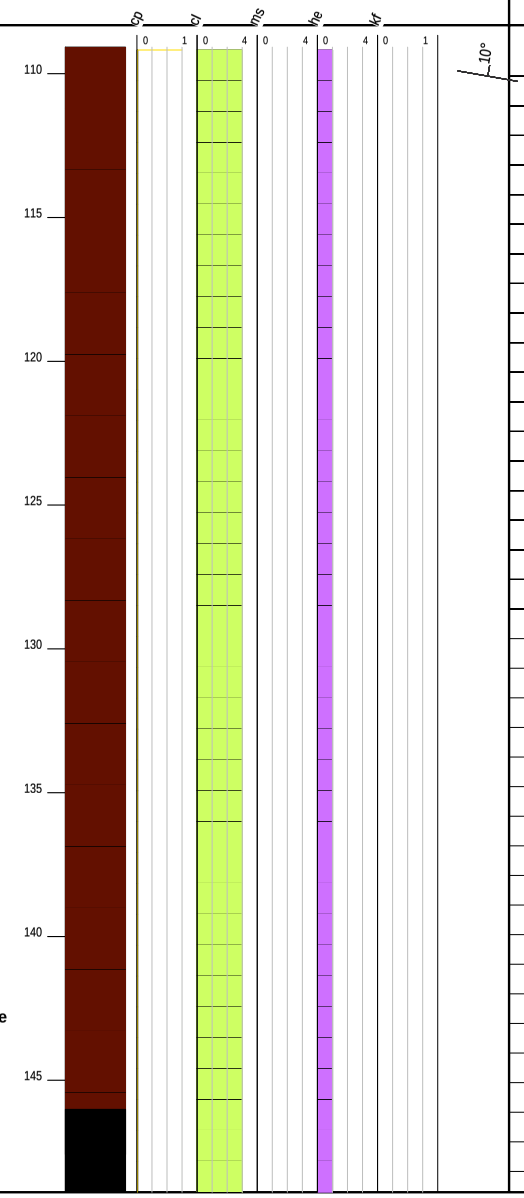
ALTERATION:
« Silicification 3.00*»
« Chlorite 2.00*»

MINERALIZATION:
Very minor fine-grained specks of chalcopyrite hosted on the broken faces of chlorite altered chlorite alteration and matrix host blebs of pyrite with. Chalco also found in healing micro fractures, late stage(?).
« Pyrite 0.01%»
« Chalcopyrite 0.01%»
« Hematite 1.00%»

STRUCTURE:
Joints are smooth with minor chlorite.
< @ 109.00 jointing 60° >
< @ 114.77 jointing 65° >
< @ 134.36 joint 50° >
< @ 156.32 jointing 50° >

< @ 109.74 Bedding 10.00° > Bedding, only location it is visible, minor dolomitization along boarders of laminations.

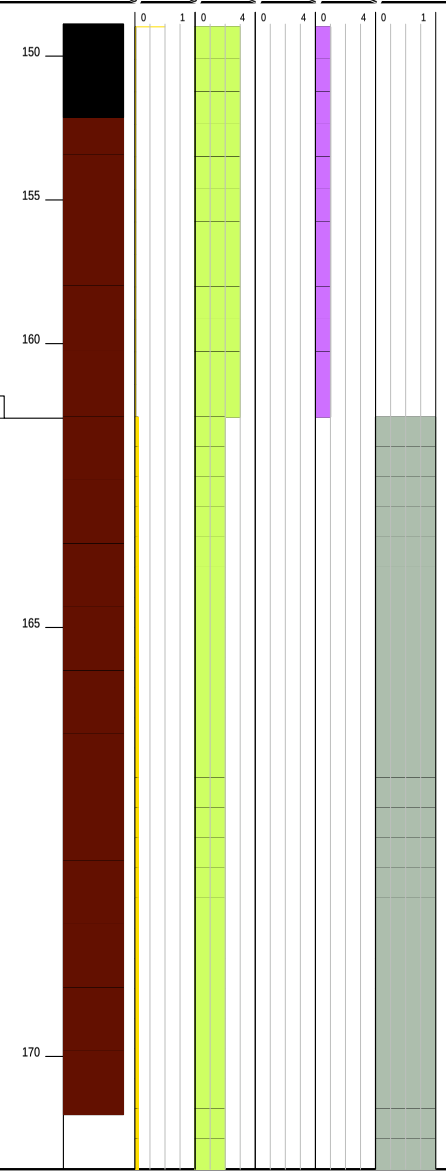
Unit contains minor interbeds of strongly chlorite altered siltstone, these interbeds are strongly sheared, faulted and broken. These interbeds seem to be taking up the strain and faulting vs. surrounding units. Contacts of 1-2 m siltstone interbed are brecciated, clasts are sub-angular from 2-20 mm. Clasts have well defined straight margins and are matrix supported, matrix is generally dark chloritic siltstone with minor quartz +/- hematite with blebs of pyrite.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
113.60	115.50	1.90	286579	-0.005	0.03	5	2.1	2.08
115.50	118.50	3.00	286580	-0.005	0.21	25	2.3	2.01
118.50	121.50	3.00	286581	-0.005	0.04	29	1.0	1.21
121.50	123.97	2.47	286582	0.007	0.13	25	2.9	5.35
123.97	126.70	2.73	286583	-0.005	0.02	13	1.9	9.03
126.70	130.20	3.50	286584	-0.005	0.39	141	2.5	1.47
130.20	133.50	3.30	286585	-0.005	0.18	141	2.0	0.57
133.50	136.50	3.00	286586	-0.005	0.11	115	1.6	0.79
136.50	138.70	2.20	286587	-0.005	0.05	119	4.0	1.54
138.70	139.50	0.80	286588	-0.005	0.01	138	3.6	1.69
139.50	142.50	3.00	286589	-0.005	0.10	626	1.5	0.57
142.50	145.50	3.00	286590	-0.005	0.35	243	2.9	0.52
145.50	148.00	2.50	286591	-0.005	0.06	131	1.1	0.28
148.00	150.60	2.60	286592	-0.005	0.07	230	1.4	0.87
150.60	153.00	2.40	286593	-0.005	0.10	572	1.6	0.34
153.00	156.00	3.00	286594	-0.005	-0.01	38	2.7	1.37
156.00	158.70	2.70	286595	-0.005	0.12	59	2.2	0.55
158.70	160.40	1.70	286596	-0.005	0.10	164	2.0	1.31
160.40	162.55	2.15	286598	-0.005	0.16	34	2.4	2.86

Project: Werneckes **Hole Number:** DR07-02

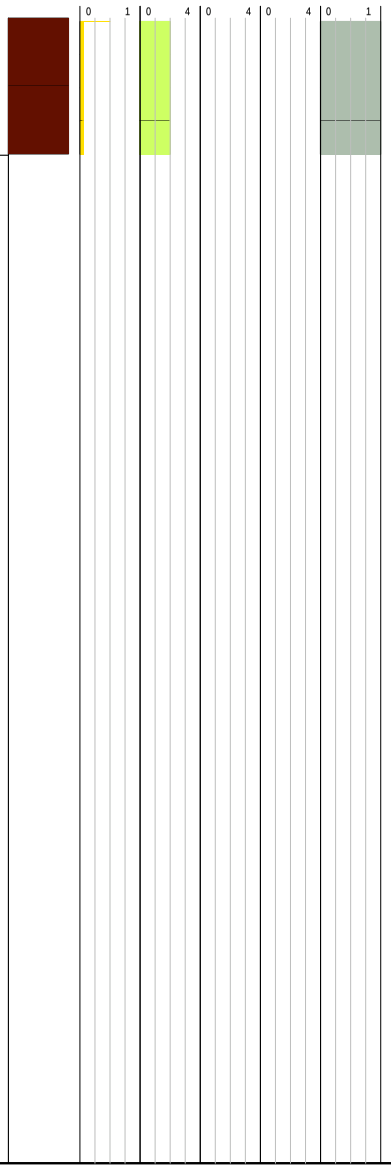
From	To	Rocktype & Description
		Fractures are roughly concordant to jointing with 1mm dolomite alteration halo.
		Fractures (1 mm) increase 1 per 5 mm at 118.23 - 136.73 m
		< @ 118.25 fractures 45 >
162.55	172.90	sst
		SANDSTONE: similar to above units
		ALTERATION:
		Unit is moderately silicified throughout with localized potassic(?) and albitic alteration
		< @ 167.31 quartz, dolomite and chlorite. vein 68° 2cm >
		« Silicification 2.00» secondary silicification or mostly a function of primary silica content?
		« Chlorite 2.00*»
		« Albite 1*»
		« K-feldspar 1*»
		MINERALIZATION:
		Very minor disseminated chalcopyrite is primarily located healing micro fractures (later) and in quartz dolomite chlorite veins. 1-2mm specks of chalcopyrite is also found in chlorite healing micro fractures as well as occasional blebs in Silicified. Pyrite crystals (1-2mm) and sub-euhedral crystals are associated with , but are slightly more concentrated quartz, dolomite and chlorite veins.
		« only on fracture surfaces of broken chloritic rock Chalcopyrite 1»
		« Pyrite 0.10%»
		STRUCTURE:
		Unit is broken along joints at high angles to core with minor faulting



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
162.55	165.00	2.45	286599	-0.005	0.01	80	2.6	1.07
165.00	167.30	2.30	286600	-0.005	0.08	98	2.0	1.01
167.30	170.60	3.30	244051	0.005	0.11	19	2.5	2.00
170.60	172.90	2.30	244052	0.008	0.05	194	1.5	0.74

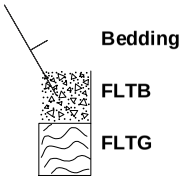
Project: Werneckes **Hole Number:** DR07-02

From	To	Rocktype & Description
		generally at a shallower angle to core axis.
		< @ 167.56 jointing 70.00° > typical of whole unit.
		EOH = 172.90 m
172.90	172.90	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

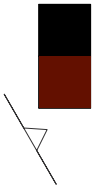
FLTB

FLTG

OVBN

S1 Foliation

S2 Foliation



slts

sst

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1234.0
Hole FW07-01	**Azimuth (º):** 100
Location: 7211916 m North, 527580 m East	**Dip (º):** -45.0
Logged by: N.Mitchell	**Length (m):** 163.68
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/19 **Date Completed:** / /	
Dip Tests By: Reflex	
Objective	

Summary Log:

FW07-01

LITHOLOGY:

0 - 4.57m Overburden

4.57 - 163.68m
PHYLLITE: Light grey to dark green, metasomatized siltstones of the Fairchild Lake Group. Siltstones are finely to thinly laminated, weakly to moderately well developed cleavage with fine grained specular hematite and less magnetite lamina concordant to bedding and over printing foliation.
Alteration
4.57 - 163.68m
Ms, Cl, +/- Si and Cb

Mineralization

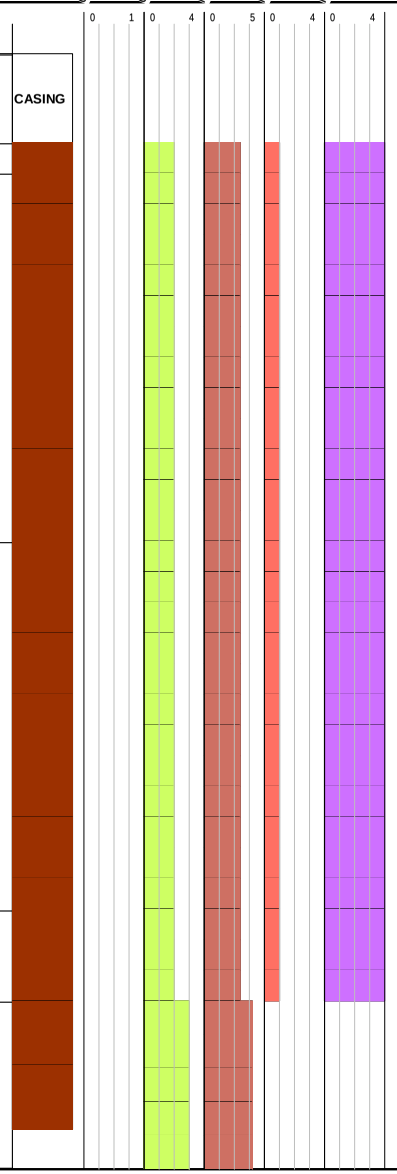
33.61- 40.58m
127.22- 139.17m
Haematitic plagioclase and quarts veining cross cutting foliation and bedding with minor accessory iron carbonate. Strong chlorite alteration along the selvages of veins. Minor specularite and magnetite 3%.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	100.00
80.00	-42.90	100.00
160.00	-43.00	100.00

Project: Werneckes **Hole Number:** FW07-01

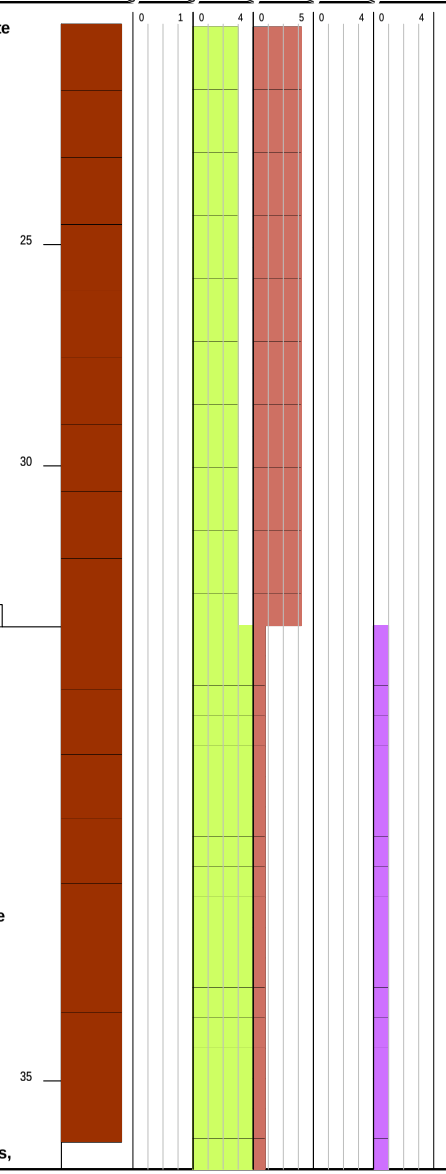
From	To	Rocktype & Description
0.00	4.57	OVBN No recovery, core recovered beginning at 4.57m.
4.57	16.22	slts Siltstone: Light green, thinly to finely laminated. The lower contact is sharp and defined by a sharp increase in chlorite alteration and Qz, plagioclase hematite veining. Bedding is generally discernible throughout but has been disrupted by fractures, jointing and veinlets of MG, HE and QZ. Bedding 72.00° S1 Foliation 72.00° S2 Foliation 26.00° V1 67.00-74.00° V2 26.00-35.00° Joints (S2) plains are smooth to rough and cross cut bedding, foliation and veins. Foliation is moderately well developed and is concordant to bedding. The entire unit is weakly to moderately CL altered with secondary weak sericite alteration. CL 2 MS 1 Pervasive fine-grained magnetite (primary?) lamina (3mm) with secondary fine grained disseminated magnitite/hemitite over printing bedding. Veins, V1 and V2 are compositionally identical quarts veins with varying amounts of magnetite and hematite, veins are typically 2-20cm wide with well developed margins and 3mm envelopes of moderately strong chlorite alteration. V2 are later and cross cut V1. Vein density is 3 veins per meter. MG 3% HE 5%
16.22	33.61	slts Siltstone: Darker green with strong chlorite alteration and moderate silicification. Thinly to finely laminated with minor limonite coating fractures and joints. The lower contact is gradational and based on the increase of hemititic plag veining. Unit is strongly veined (V1) with dominantly quarts, minor plagioclase iron



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
4.57	5.18	0.61	844843	0.007	0.14	40	5.2	1.26
5.18	8.23	3.05	844844	-0.005	0.04	6	4.1	0.67
8.23	11.28	3.05	844845	0.005	0.02	7	4.4	0.42
11.28	14.33	3.05	844846	0.005	0.02	9	4.1	0.43
14.33	16.22	1.89	844847	0.005	0.03	5	4.6	0.91
16.22	17.37	1.15	844848	-0.005	0.04	4	4.9	0.36
17.37	20.42	3.05	844849	0.005	0.03	16	3.1	1.17
20.42	21.47	1.05	844850	-0.005	0.02	8	6.2	0.89
21.47	22.42	0.95	844851	0.007	0.02	8	4.8	1.69
22.42	24.00	1.58	844852	-0.005	0.03	5	5.0	0.57

Project: Werneckes **Hole Number:** FW07-01

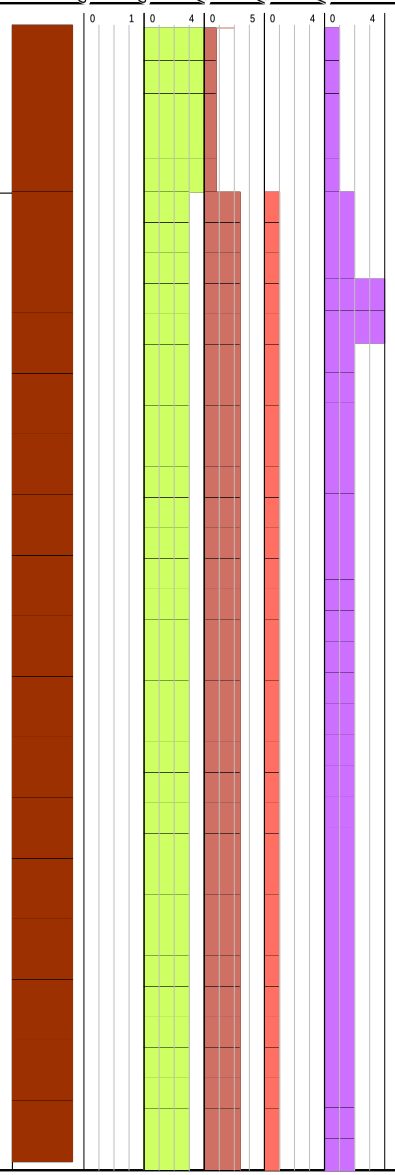
From	To	Rocktype & Description
		carbonate with minor disseminated hematite and millimetre, needle like hematite crystals. The veins cross cut both bedding and foliation and brecciate the host rock along the margins of the veins with chlorite totally replacing the siltstone. Foliation is weakly developed due to increased silicification. Foliation plans are rough and stepped. < @ 16.22 Bedding 77° > < @ 21.33 S1 Foliation 55° > < @ 21.78 V1 77 > The unit is strongly chloritic with moderate silicification and minor iron carbonate alteration. CL 3 SI 2 CA 1 As seen in the above unit MG and HE are through out the unit in both the host and in the veins and veinlets. Primary MA and HE are seen as minor interbeds within the slts unit fine re-crystalized grains over printing the foliation and the bedding. Granular MA and granular to needle like HE are found in the veins as well with no visible signs of any other economic mzn. MA 4 HE 6
33.61	35.78	slts
		SLTS: Alteration is very strong and almost obliterates bedding and primary features. Upper contact is gradational and defined buy increase in silicification, chlorite and iron carbonate alteration in addition to strong veining. < @ 33.61 Bedding 75° > < @ 34.20 S1 Foliation 88 > « CL 4« SI 3»» Veining is strong throughout unit and brecciates the host rock with discrete calcite iron carbonate blebs and veins (1-4cm wide) found on the margins of the quartz and hemititic plagioclase veining. Brecciated, silicifide thinly laminated siltsstone comprising the rest of the unit, breccia clasts are angular and clast supported. « CB 10%» « QZ,PF,HE 50%» < @ 35.78 contact, lower 52 %> Minor granular magnetite and acicular hematite crystals in 1-3mm sinews bands,

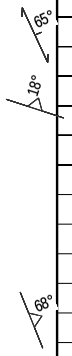


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
24.00	25.00	1.00	844853	-0.005	0.01	3	6.4	0.26
25.00	26.00	1.00	844854	-0.005	0.03	5	5.0	0.29
26.00	27.00	1.00	844855	-0.005	0.02	6	8.0	0.66
27.00	28.00	1.00	844856	-0.005	0.02	6	5.7	0.25
28.00	30.31	2.31	844857	-0.005	0.02	3	1.9	0.74
30.31	30.42	0.11	844858	-0.005	0.02	3	1.2	0.45
30.42	32.00	1.58	844859	0.006	0.02	4	2.2	1.19
32.00	33.61	1.61	844860	-0.005	0.02	3	2.1	0.51
33.61	34.10	0.49	844861	-0.005	0.02	6	2.7	2.01
34.10	34.49	0.39	844862	0.007	0.02	9	4.5	0.63
34.49	35.28	0.79	844863	-0.005	0.01	2	3.2	0.31
35.28	35.78	0.50	844864	0.008	0.02	19	9.4	3.43

Project: Werneckes **Hole Number:** FW07-01

From	To	Rocktype & Description
		blebs and veinlets randomly oriented through out unit. « MA 1%» « HE 1%»
35.78	40.58	slts
		SLTS: Darker green with strong chlorite alteration and moderate silicification. Thinly to finely laminated with fine grained magnetite lamina (1-2mm wide) and secondary fine-grained disseminated magnitite/hemitite over printing bedding and foliation. The lower contact is gradational and defined buy decreasing silicification, chlorite and iron carbonate alteration and a reduction in veining. 35.78- 40.58 MA 3% HE 2%
		Quarts, CA, haematitic plagioclase veins brecciate the host rock along there margins; clasts are 1-3 cm and clast supported with diffuse margins, 50cm width, 1 vein per meter. Discrete Minor granular magnetite and acicular hematite crystals in 1-3mm in sinews QZ veins throughout unit. Wider carbonate, granular magnetite with acicular hematite crystals 1-3mm in sinews veins, through out unit.(1-4cm wide) 1 vein per 50cm. < @ 36.92 QZ,CA,HE,PF 68° > 36.92- 37.01 QZ 90% 36.92- 37.01 CA 5% HE 2% PF 10% < @ 36.11 CA,HE 18° > 36.11- 36.35 CA 70% HE 30%
		Foliation is weakly developed and is parallel bedding. < @ 35.90 Bedding 60° > < @ 35.95 S1 Foliation 65° >
		Unit is moderately silicifide with moderate to strong chlorite alteration and secondary weak sericite throughout the entire unit. Chlorite is slightly more intense along margins of the veins and tends to be clotted, with trace carbonate alteration. SI 3 CL 3 MS 1





From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
35.78	36.94	1.16	844865	0.007	0.02	3	2.8	3.30
36.94	37.01	0.07	844866	0.013	0.08	16	0.9	1.78
37.01	37.45	0.44	844867	0.008	0.03	5	1.7	1.25
37.45	37.92	0.47	844869	0.010	0.03	34	3.1	10.75
37.92	40.24	2.32	844870	-0.005	0.01	6	2.1	1.16
40.24	40.58	0.34	844871	0.010	0.01	4	2.2	0.68

Project: Werneckes **Hole Number:** FW07-01

From	To	Rocktype & Description
40.58	54.51	ph

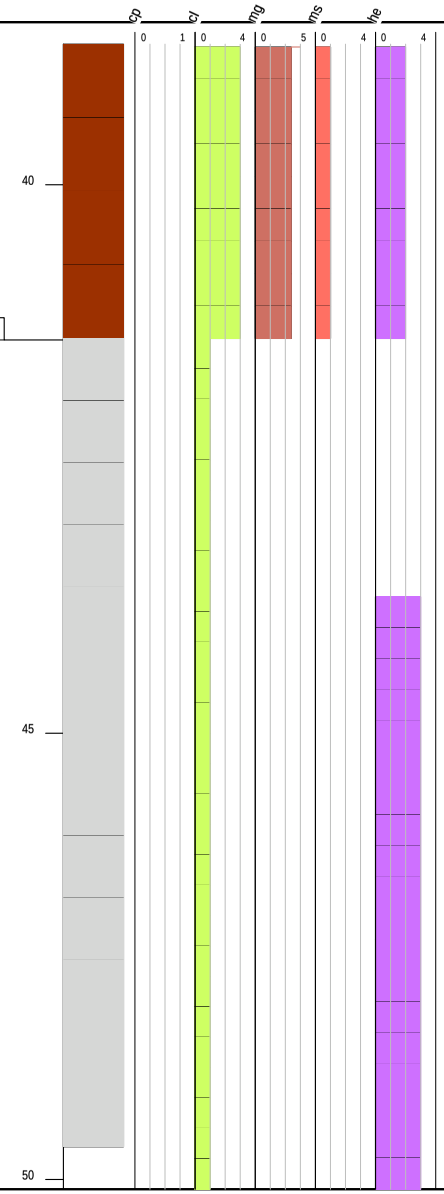
Phylitic siltstone:
Light green, thinly to finely laminated. The lower contact is sharp and defined by a decrease in chlorite alteration and the addition of minor graphite.
< @ 54.51 lower contact 60° >

Bedding is discernible throughout but has been disrupted by micro millimetre low angle faults jointing and veinlets of quarts MG/HE, 5 per meter.
< @ 40.58 QZ,HE,MA 73° >

Joint plains are smooth to rough and cross cut bedding, foliation and veins. Some of the joints have been healed with fibrous chlorite. Foliation is moderately well developed and is concordant to foliation.
< @ 51.30 joint 43° >
< @ 48.47 Bedding 44° >
< @ 48.57 S1 Foliation 44° >

The entire unit is moderatly to strongly silicified with weak CL and secondary weak sericite alteration and carb altered. Silicification seems to be later, patches of bleached moderate carb alteration are silicified.
« 43.47- 54.51 SI 3»
« 43.47- 54.51 CL 1»
« 43.47- 54.51CA 1»
« 45.98- 46.23 SI, CA 3»
« 54.27- 54.38 SI, CA 2»

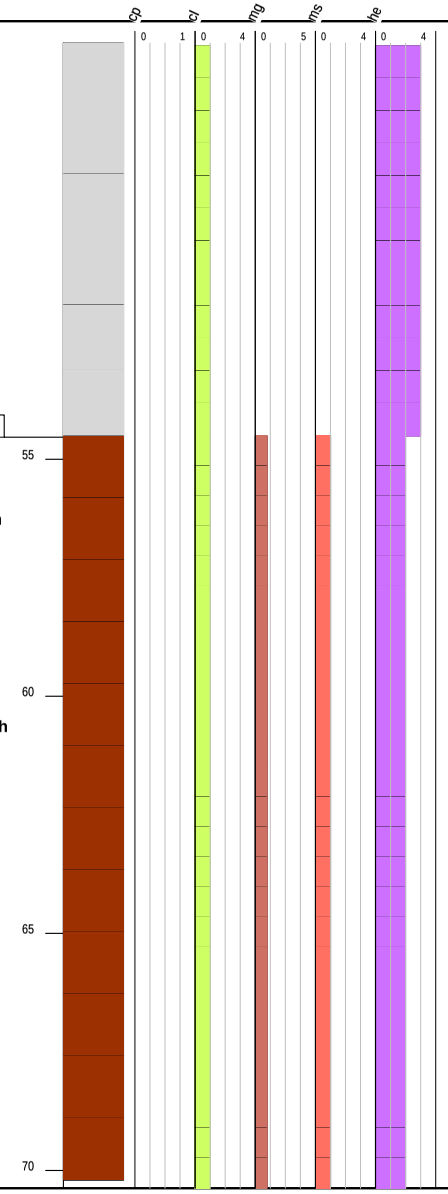
Pervasive fine-grained magnetite lamina (1-2mm) with secondary fine grained disseminated magnitite/hemitite over printing bedding and foliation bedding.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
40.58	41.76	1.18	844872	0.007	-0.01	3	2.1	0.78
41.76	43.47	1.71	844873	0.005	-0.01	11	3.3	0.85
43.47	46.00	2.53	844874	0.006	-0.01	7	3.1	0.89
46.00	48.00	2.00	844875	0.008	0.01	10	10.8	6.91
48.00	50.00	2.00	844876	-0.005	-0.01	10	6.5	0.86
50.00	52.00	2.00	844877	0.011	0.02	24	3.8	1.30
52.00	54.00	2.00	844878	0.008	0.01	168	4.8	4.66
54.00	54.51	0.51	844880	0.006	-0.01	46	3.6	1.68

Project: Werneckes **Hole Number:** FW07-01

From	To	Rocktype & Description
		There are minor veinlets of late stage (?) cross cutting MA/HE veinlets with or without QZ, 2-15mm, 1 vein per 50cm. < @ 46.81 MA, HE, +/- QZ 83° > « 43.47- 54.51 MA 4%» « 43.47- 54.51 HE 3%»
54.51	81.98	slts
		Siltstone: Light green, thinly to finely laminated. With minor interbeds of finely laminated weakly graphitic SLTS. The lower contact is defined by a decrease in graphite and is concordant to bedding. Bedding is discernible throughout but has been disrupted by micro millimetre low angle faults/shear zone, jointing and veinlets of quarts MG/HE +/- minor Fe-carb, 5 per meter. Movement along micro faults seems to be minor and no more than a few millimetres Veinlets are often discontinuous and pinch out with patchy blebs and stringers (2-10mm) of HE/MA < @ 67.88 FLT 16° > < @ 69.81 FLT 45° > < @ 61.39 SHEAR 30 > Foliation is moderately well developed and is concordant to bedding. < @ 58.42 Bedding 80° > < @ 54.59 S1 Foliation 80 > < @ 66.74 S1 Foliation 72 > < @ 66.78 S1 Foliation 72° > < @ 66.44 Bedding 65 > < @ 66.44 S1 Foliation 65° > <@ 79.60 Bedding 72° > < @ 76.61 S1 Foliation 72° >

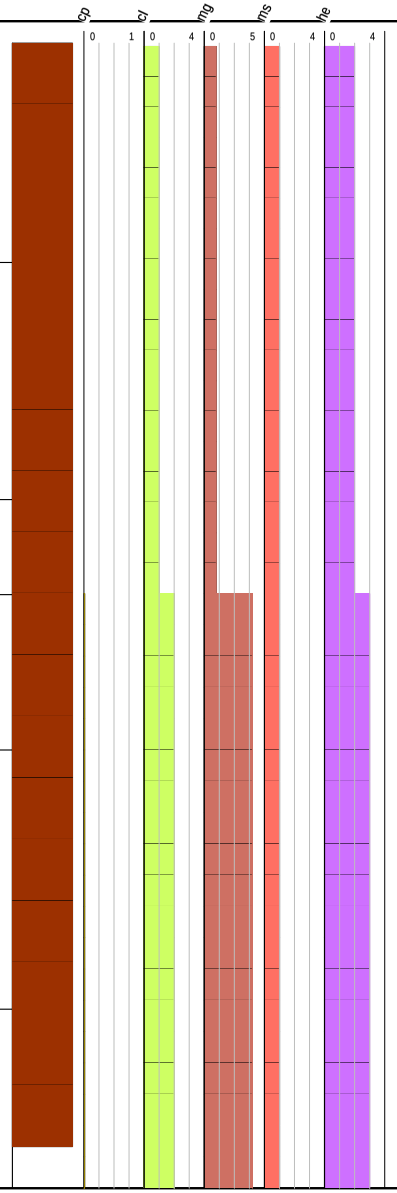


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
54.51	57.00	2.49	844881	0.005	0.01	30	3.1	1.07
57.00	59.00	2.00	844882	0.006	0.10	5	3.8	0.68
59.00	61.00	2.00	844883	0.008	0.02	9	2.9	1.42
61.00	63.00	2.00	844884	0.007	-0.01	6	3.4	1.07
63.00	65.00	2.00	844886	-0.005	0.05	7	7.0	1.64
65.00	67.00	2.00	844887	0.021	0.03	4	7.5	2.91
67.00	69.00	2.00	844888	0.005	0.04	6	5.0	2.28
69.00	70.00	1.00	844889	0.005	0.02	7	4.3	0.70
70.00	72.00	2.00	844890	0.007	0.02	4	3.5	1.09
72.00	74.00	2.00	844891	-0.005	0.01	11	4.8	1.95
74.00	76.00	2.00	844892	0.007	0.01	99	3.0	0.86
76.00	78.00	2.00	844893	-0.005	0.01	15	2.9	1.20
78.00	80.00	2.00	844894	0.005	0.02	6	3.2	0.74
80.00	81.98	1.98	844895	-0.005	0.02	8	3.2	0.99

80
80°
72°
72°
65°
65°

Project: Werneckes **Hole Number:** FW07-01

From	To	Rocktype & Description
		The entire unit is weakly chloritised with secondary weak sericite alteration and minor patchy carb altered. More felsic lamina are preferentially more chloritised than graphititc interbeds. « CL 1» « MS 1» « CB 1» Pervasive fine-grained magnetite lamina (1-2mm) with secondary fine grained disseminated magnitite/hemitite over printing bedding and foliation. There are minor sub-parallel veinlets of MA/HE, QZ +/- blebs of iron carbonate, 2-15mm, 1 vein per 25cm. < @ 79.62 QT,HE,MG,CA 71° > « MG 1%»« HE 2%»
81.98	112.82	slts
		Siltstone: Light green due to alteration, thinly to finely laminated. Foliation is moderately well developed weakly folded from regional oroginy, over all foliation is planner and concordant to bedding. The lower contact is defined by an increase in chlorite and iron carbonate alteration. Bedding is discernible throughout but has been disrupted by micro millimetre low angle faults/shear zone, jointing and veinlets of quarts MG/HE +/- minor Fe-carb, 5 per meter. Movement along micro faults seems to be minor and no more than a few millimetres Veinlets are often discontinuous and pinch out with patchy blebs and stringers (2-10mm) of HE/MG. < @ 81.98 FLT 43° > 3cm wide. < @ 88.49 FLT 47° >3cm wide strongly sheared on the up hole margine for 15cm. < @ 90.81 Joint 44° > < @ 103.22 joint 54° >healed with hematite. < @ 85.46 4 Bedding 75° > < @ 85.49 S1 Foliation 75° >

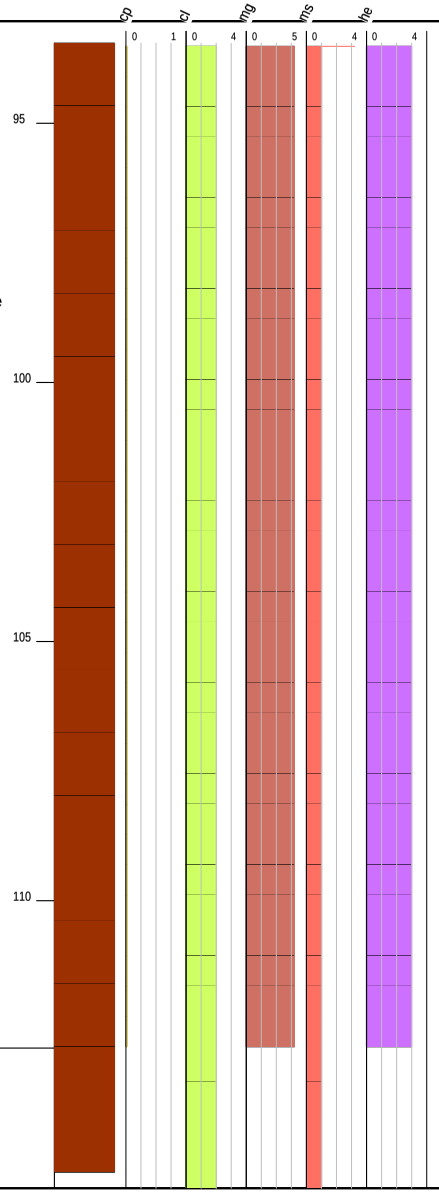


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
81.98	82.41	0.43	844896	-0.005	0.01	10	4.1	0.50
82.41	82.65	0.24	844897	0.011	0.02	13	1.7	1.36
82.65	84.00	1.35	844898	0.006	0.02	10	4.5	1.58
84.00	86.00	2.00	844899	-0.005	0.03	29	4.3	1.66
86.00	88.00	2.00	844901	-0.005	0.01	11	6.9	1.20
88.00	90.00	2.00	844902	0.006	0.02	9	3.7	1.13
90.00	92.00	2.00	844903	-0.005	0.01	4	4.1	1.14
92.00	94.00	2.00	844904	-0.005	-0.01	9	3.8	1.19
94.00	96.00	2.00	844905	-0.005	0.02	10	4.1	0.66
96.00	98.00	2.00	844906	0.010	0.02	4	3.5	0.71
98.00	100.00	2.00	844907	-0.005	0.02	4	3.2	0.46
100.00	102.00	2.00	844908	-0.005	0.03	3	3.4	0.95
102.00	104.00	2.00	844909	-0.005	0.01	4	3.6	0.58
104.00	106.00	2.00	844911	0.007	0.01	6	4.0	0.80
106.00	108.00	2.00	844912	-0.005	0.01	3	3.5	0.60
108.00	110.00	2.00	844913	0.008	0.02	4	3.1	0.81
110.00	112.00	2.00	844914	0.006	0.01	4	3.4	0.65

72° 71° 75° 75° 62° 62°

Project: Werneckes **Hole Number:** FW07-01

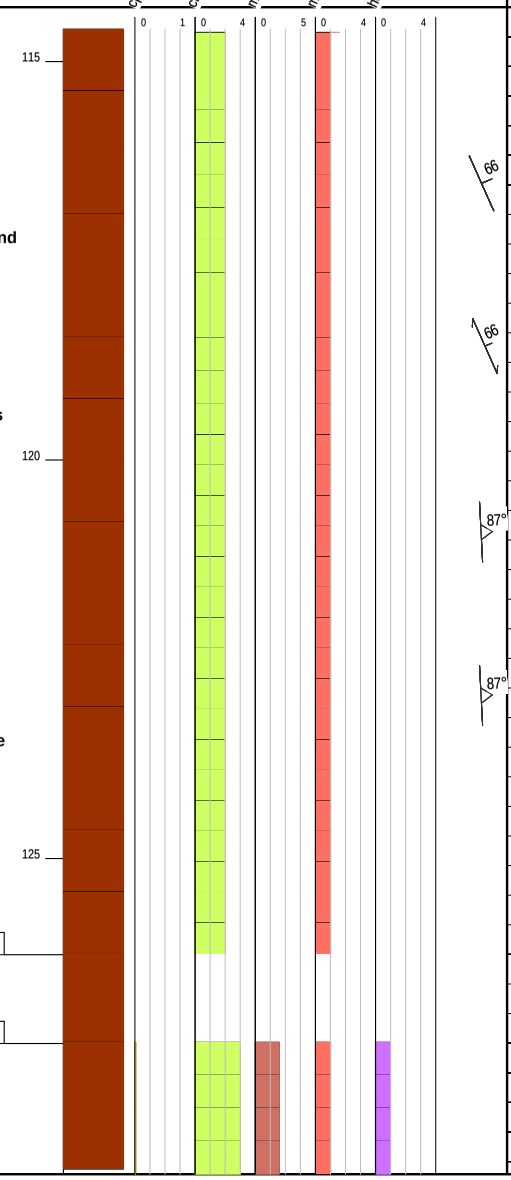
From	To	Rocktype & Description
		< @ 91.30 V0 62° >
		< @ 91.35 V1 62° >
		< @ 104.14 V0 82° < @ 104.14 V1 82° >>
		< @ 107.53 V0 90° >< @ 107.53 V1 90° >
		The entire unit is weakly chloritised with secondary weak sericite alteration and minor patchy carb altered. More felsic lamina are preferentially more chloritised. There is minor black patches and blebs of manganese, 1-15mm wide on joint, fractures and over printing foliation.
		« CL 2» with minor increase to a 3 along very minor sporaticaly spaced 1mm scale lamina.
		« MS 1» secondary, pevasive through out unit.
		« CB 1» patchy, trace« manganese 0.01%»
		Pervasive fine-grained magnetite lamina (1-2mm) with secondary fine grained disseminated magnetite/hematite over printing bedding and foliation. There are minor sub-parallel veinlets of MA/HE, QZ +/- blebs of iron carbonate, 2-15mm, 1 vein per 25cm. Vein margins are irregular.
		Iron carbonate +/- magnetite/hematite is common infilling hairline fracture along joints throughout, as pervasive alteration and as veins.
		« MG 4%»
		« HE 3%»
		« CP 0.1%»
		Porphyroblastic, euhedral crystals of hematite are 3 mm that are generally intergrown with magnitite along the margins of quartz veins and or carbonate veins, 1 per meter.
		< @ 90.74 MG,HE 55° >
112.82	126.19	slts
		SLTS: Green with moderate chlorite, moderate silicification and secondary carb alteration. Thinly to finely laminated with fine grained magnetite lamina (1-2mm wide) and secondary fine-grained disseminated magnatite/hemitite over printing bedding and foliation. The lower contact is sharp and faulted.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
112.00	112.83	0.83	844915	-0.005	0.02	4	3.7	0.64
112.83	114.63	1.80	844916	-0.005	0.02	6	4.0	0.50
114.63	115.46	0.83	844917	0.005	0.02	6	3.5	1.48
115.46	116.29	0.83	844918	0.007	0.01	4	2.6	0.53
116.29	118.47	2.18	844919	-0.005	0.01	15	2.3	0.27
118.47	119.30	0.83	844920	-0.005	0.02	17	3.5	1.03

Project: Werneckes **Hole Number:** FW07-01

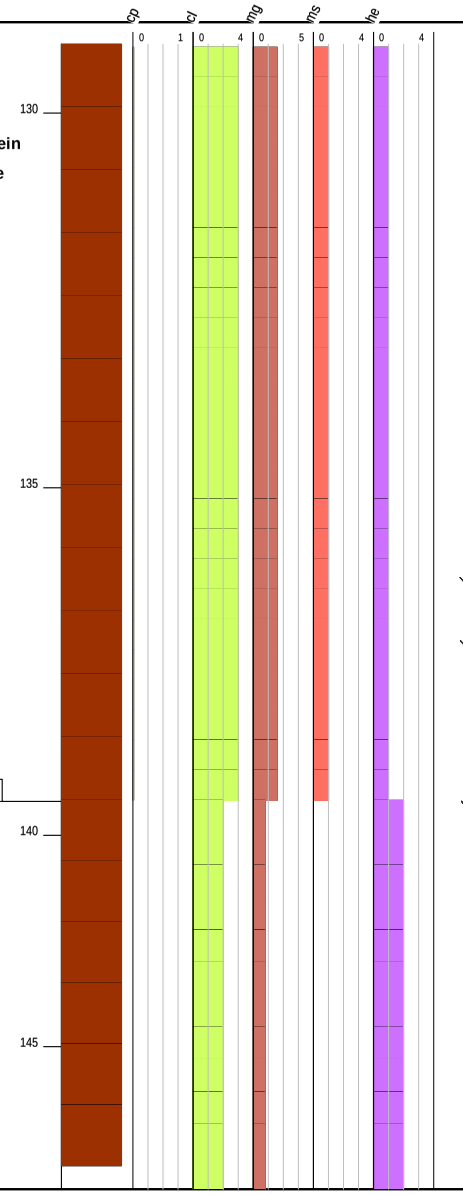
From	To	Rocktype & Description
		< @ 125.38 FLT 43.00° > lower contact
		< @ 116.50 Bedding 66° >
		< @ 116.56 S1 Foliation >
		< @ 118.86 Jointing 45° >
		< @ 122.90 V0 87° >
		< @ 122.95V1 87° >
		The unit is strongly sheared at 114.64-115.61m and 118.47-119.30m, bedding and foliation are obliterated in these areas and the zones are brecciated, fragments 1-5mm, have rounded edges and have been rotated. The zones have strong silicification, moderate chlorite, weak sericite as well as patchy carb alteration. Within the shear zones are minor fragments of milky and glassy quartz, haematitic plagioclase (5% of total sheared unit) with silica, clotted chlorite and calcite matrix. Minor granular MG and HE 3-5mm blebs also occurs in matrix.
		< @115.32 Shear 70.00° > 114.64-115.61m
		« 114.64- 115.61 SI 3»
		« CL 2»« MS 1»
		« 114.64- 115.61 CA 1%»
		< @ 118.78 Shear 78° > 118.47-119.30m
		« 118.47- 119.30 SI 3»« CL 2»« MS 1»« CA 1%»
		Unit is moderately silicifide with moderate chlorite alteration and secondary weak sericite throughout the entire unit. Minor glassy quarts veins 1-4 mm wide through out unit have intense clotted chlorite alteration along the selvages of the veins with trace carbonate alteration. The quarts veins cross cut foliation at random angles
		« 112.82- 125.38 CL 2»« MS 1°»
126.19	127.32	slts
		Fault. Same lithology as unit above but broken and faulted, strongly oxidized.
127.32	139.17	slts
		Siltstone: Darker green with strong chlorite alteration and moderate silicification. Thinly to finely laminated with minor limonite coating fractures and joints. The lower contact is gradational and based on the increase of quartz veining and carb alteration in the lower unit.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
119.30	121.30	2.00	844921	0.006	0.02	4	3.2	0.74
121.30	122.00	0.70	844922	-0.005	0.01	4	2.4	0.38
122.00	124.00	2.00	844923	-0.005	0.01	8	2.5	0.57
124.00	125.38	1.38	844924	-0.005	0.12	36	3.6	1.61
125.38	125.81	0.43	844925	-0.005	0.21	95	4.4	4.82
125.81	126.19	0.38	844926	0.006	0.15	71	9.8	3.55
126.19	127.32	1.13	844927	0.014	0.20	508	55.4	22.90
127.32	128.00	0.68	844928	0.018	0.10	115	14.1	8.10
128.00	129.00	1.00	844929	-0.005	0.02	39	2.7	0.38
129.00	130.00	1.00	844930	0.005	0.01	14	2.4	0.36
130.00	131.00	1.00	844931	-0.005	0.01	32	2.3	0.32
131.00	132.00	1.00	844932	0.008	-0.01	14	2.6	0.39

Project: Werneckes **Hole Number:** FW07-01

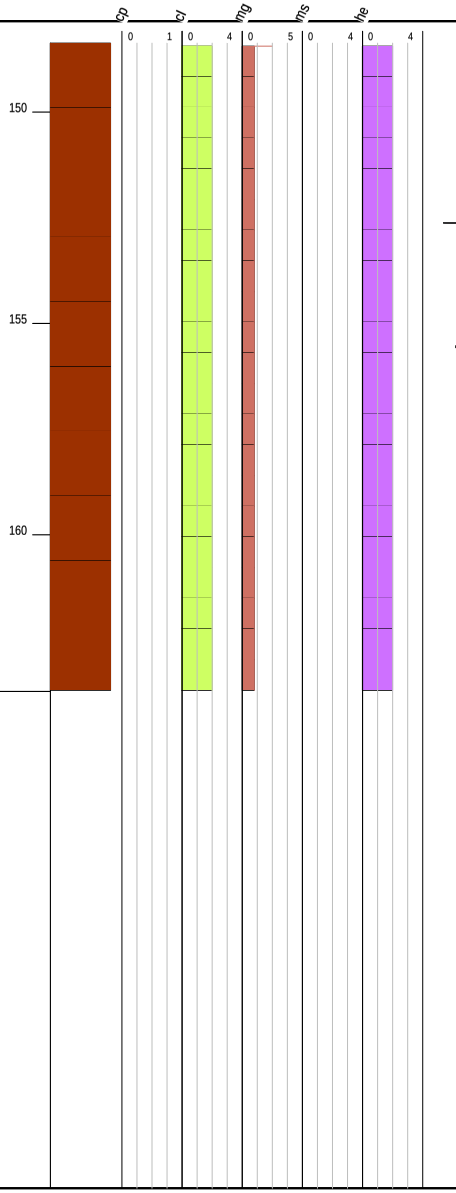
From	To	Rocktype & Description
		Unit is weakly veined with dominantly milky to glassy quarts veinlets 1-3mm wide 1 veinlet per 25cm. And subordinate patchy hematite dusted pink plagioclase quarts veins with minor disseminated hematite3-20mm wide, one vein per meter. The veins cross both bedding and foliation at shallow angles and are discontinuous with convoluted margins and internal structure.
		< @ 136.44 QZ 47° >< @ 137.29 QZ, PF, HE 48° >
		Foliation is weakly developed due to increased silicification. Foliation plans are rough and stepped. Bedding is disrupted by veining but is moderately well preserved.
		< @ 137.66 V0 51° >< @ 137.66 V1 65° >
		The unit is strongly chloritized with moderate silicification and minor sericite.
		« CL 3»« SI 3»« MS 1»
		Primary MG and HE are seen as minor interbeds within the slts unit as fine re-crystallized grains over printing the foliation and the bedding. There are also trace amounts of 1-2mm ovals of manganese over printing foliation on foliation plans and on fractures. Trace disseminated malachite and chalcopyrite in glassy quarts veinlets and along some (sporaticly spaced) foliation plans.
		« MG 2%»« HE 1%»« CP 0.011%»« MC 0.01%»
139.17	163.68	slts
		Siltstone: Dark to light green with moderate chlorite alteration and minor carb alteration strong silicification. Moderately weathered and oxidized. Thinly to finely laminated with minor limonite coating fractures and joints.
		Unit is strongly veined with dominantly milky to glassy quarts veinlets 1-15cm wide 1 veinlet per 50cm. Trace patchy hematite dusted pink plagioclase quarts veins with minor disseminated hematite 3-6mm wide, one vein per 150cm. The veins cross both bedding and foliation at shallow angles and have convoluted internal structure and diffuse margins. Minor quartz veins heal jointing
		< @ 152.50 QZ 1° > quartz veins heal jointing
		< @ 158.38 QZ, PY 71° > Minor glassy veinlets
		< @ 156.12 QZ 64° > major veining (30% of total unit)



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
132.00	133.00	1.00	844933	-0.005	0.01	12	2.3	0.31
133.00	134.00	1.00	844934	0.006	0.01	9	2.6	0.23
134.00	135.00	1.00	844935	-0.005	0.03	11	2.7	0.21
135.00	136.00	1.00	844936	0.005	0.03	19	2.7	0.27
136.00	137.00	1.00	844937	-0.005	0.03	15	2.9	0.45
137.00	137.90	0.90	844938	-0.005	0.05	24	2.4	0.70
137.90	139.17	1.27	844939	-0.005	0.05	32	2.2	0.61
139.17	141.00	1.83	844940	0.005	0.02	23	2.8	1.73
141.00	143.00	2.00	844941	0.011	0.06	54	6.8	3.73
143.00	145.00	2.00	844942	0.006	0.03	25	3.9	2.27
145.00	147.00	2.00	844943	0.005	0.02	28	4.1	1.56
147.00	149.00	2.00	844944	0.007	0.02	20	3.9	2.01
149.00	150.00	1.00	844946	0.005	0.04	19	3.8	1.45
150.00	151.00	1.00	844947	0.005	0.02	41	8.6	1.91
151.00	152.00	1.00	844948	0.005	0.02	20	4.2	0.78
152.00	153.00	1.00	844949	-0.005	0.02	11	2.6	0.60
153.00	154.00	1.00	844950	0.005	0.04	19	4.0	1.61
154.00	155.00	1.00	844951	-0.005	0.02	11	2.7	0.37
155.00	156.00	1.00	844952	-0.005	0.03	16	2.9	0.53
156.00	157.00	1.00	844953	-0.005	0.05	10	1.4	0.28
157.00	158.00	1.00	844954	-0.005	0.03	12	1.8	0.30

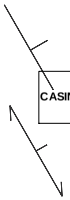
Project: Werneckes **Hole Number:** FW07-01

From	To	Rocktype & Description
		Foliation is weakly developed due to increased silicification. Foliation plans are rough and stepped. Bedding is disrupted by veining but is moderately well preserved.
		< @ 151.24 V0 74° >
		< @ 151.34 V1 74° >
		The unit is mosderate chloritized with strong silicification and minor carb alteration.
		« SI 3»
		« CL 2»
		« CB 1»
		Primary MG and HE are seen as minor interbeds within the slts unit as fine re-crystallized grains over printing the foliation and the bedding. There are also trace amounts of 1-2mm ovals of manganese over printing foliation on foliation plans and on fractures. Trace disseminated pyrite in glassy quarts veinlets.
		« MG 1%»
		« HE 2%»
		« PY 0.01%»
		EOH.
163.68	163.68	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
158.00	159.00	1.00	844955	-0.005	0.03	18	1.9	0.39
159.00	160.00	1.00	844956	0.005	0.03	17	1.9	0.32
160.00	161.00	1.00	844957	-0.005	0.01	6	1.8	0.19
161.00	162.00	1.00	844958	-0.005	0.02	7	1.9	0.27

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

ph

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1234.0
Hole FW07-02	**Azimuth (º):** 100
Location: 7211916 m North, 527580 m East	**Dip (º):** -70.0
Logged by: N.Mitchell	**Length (m):** 197.51
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/07/27 **Date Completed:** 2007/07/31	
Dip Tests By: Reflex	
Objective To test for structurally hosted uranium at the fireweed boulder field.	

Summary Log:

0.0 - 3.66 m CASING

3.66 - 50.77 m, 75.42 - 197.51m PHYLLITE (ph): Light grey to dark green, metasomatized siltstones of the Fairchild Lake Group. Siltstones are finely to thinly laminated, weakly to moderately well developed cleavage with fine grained specular hematite and less magnetite lamina concordant to bedding and over printing foliation.

50.77 - 75.42 m SHALE (shl): Shale with minor concordant interbeds of <30cm interbeds of siltstone contacts are sharp and well defined. Foliation and bedding are parallel.

ALTERATION:
CL, MS +/- CB, SI

VEINING:
29.87 - 31.41 m: Haematitic plagioclase and quarts veining cross cutting foliation and bedding with minor accessory iron carbonate. Proposed mineralized veins are dominantly hosted in phyllite. Strong chlorite alteration along the selvages of veins. Minor specularite and magnetite 3%.
184.31 - 194.57 m: Spotty uranium enrichment along fractures and joint plains hosted in zone of intense Qz veining with strong clotted chlorite altered phyllite. Readings of 150-190 Cps.

**Downhole survey log was completed but due to high magnetite values within bedrock, azimuth readings are not accurate and are not included within this log.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	100.00
10.00	-70.40	100.00
70.00	-69.20	100.00
140.00	-69.40	100.00
197.00	-68.80	100.00

Project: Werneckes **Hole Number:** FW07-02

From	To	Rocktype & Description
0.00	3.66	OVBN
		CASING: No recovery.
3.66	20.92	slts

Siltstone:

Light green, thinly to finely laminated. The lower contact is sharp and defined by a sharp increase in chlorite alteration and quartz, hematitic plagioclase and hematite veining.

< @ 20.92 Lower contact 68° >

Bedding is generally discernible throughout but has been disrupted by fractures, jointing and veinlets of mg Hematite and qz. The upper portion of the section is broken and fractured possibly from freeze/thaw.

Joint plains are smooth to rough and cross cut bedding, foliation and veins.

Foliation is moderately well developed and is concordant to bedding.

< @ 4.95 Jointing 46° >

< @ 9.32 Jointing 51° >

< @ 3.66 Quartz , carbonate (ankerite?) , Hematite 45° >

< @ 18.76 Quartz , carbonate (ankerite?) , he, mg 51° >

< @ 10.1 Bedding 70.00° >

< @ 10.11 S1 Foliation 70 >

< @ 17.01 Bedding 56° >

< @ 17.05 S1 Foliation 56° >

« 18.26- 18.42 fault » Fault material composed of gouge and clays. Contacts conformable to bedding.

The entire unit is weakly to moderately chlorite altered with secondary weak sericite alteration.

« 3.66- 20.92 Chlorite 2»

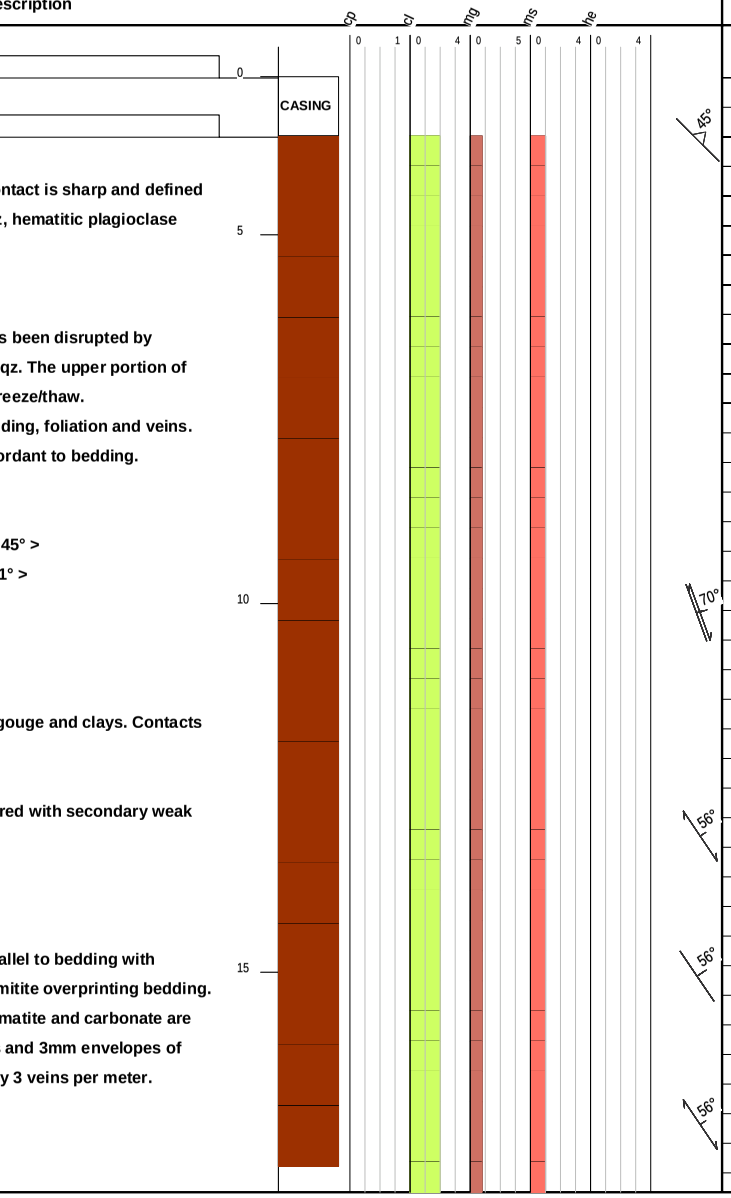
« Sericite 1»

Pervasive fine-grained magnetite lamina (3mm) parallel to bedding with secondary fine grained disseminated magnitite /hemitite overprinting bedding.

Quartz veins with varying amounts of magnetite,hematite and carbonate are typically 2-20mm wide with well developed margins and 3mm envelopes of moderately strong chlorite alteration. Approximately 3 veins per meter.

« 3.66- 20.92 Specularite 2%»

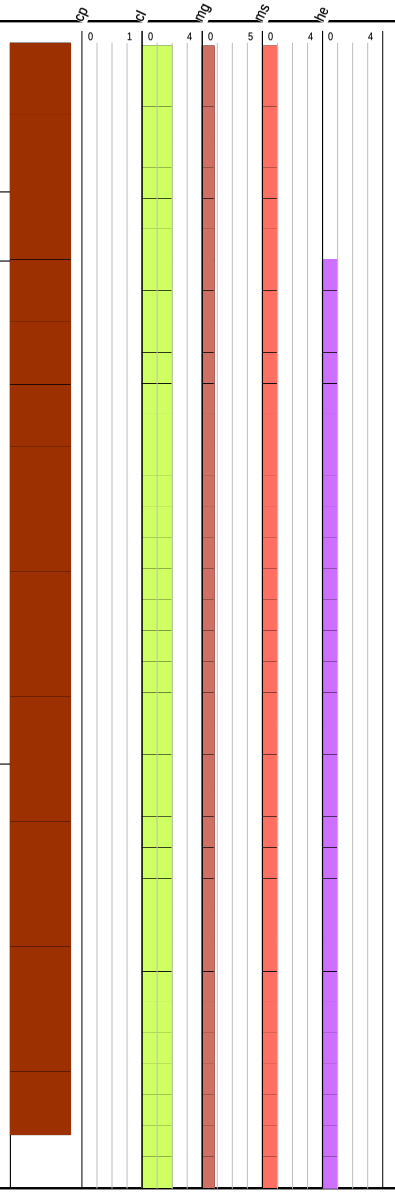
« mg 1%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
3.66	4.00	0.34	844960	0.005	0.03	92	3.1	0.69
4.00	6.00	2.00	844961	0.007	0.03	6	3.4	0.72
6.00	8.00	2.00	844962	0.005	0.03	11	3.6	0.59
8.00	10.00	2.00	844963	-0.005	0.02	6	3.3	0.36
10.00	12.00	2.00	844964	-0.005	0.02	5	3.6	0.56
12.00	14.00	2.00	844965	0.006	0.03	3	3.9	0.42
14.00	15.00	1.00	844966	-0.005	0.02	3	2.9	0.27
15.00	17.00	2.00	844967	0.008	0.03	8	4.3	0.60
17.00	19.00	2.00	844969	-0.005	0.02	3	3.4	0.44
19.00	20.92	1.92	844970	-0.005	0.03	3	3.7	0.79

Project: Werneckes **Hole Number:** FW07-02

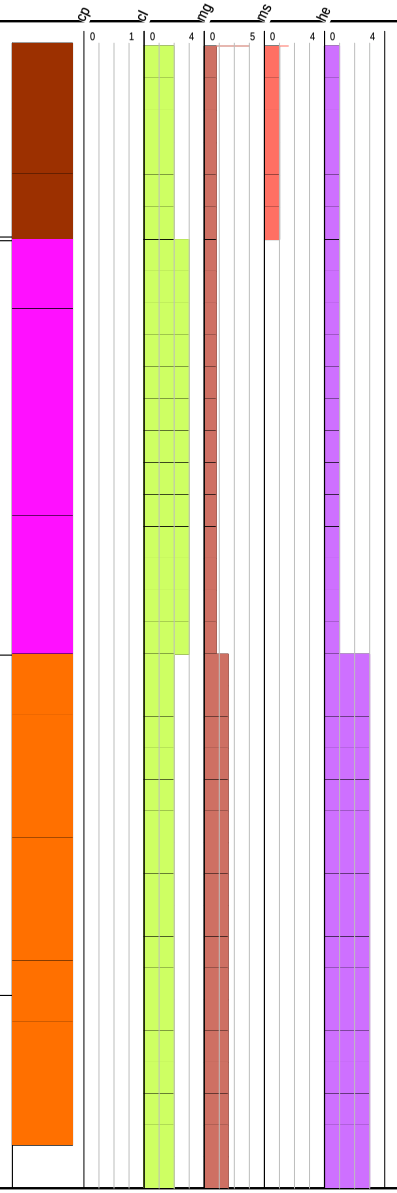
From	To	Rocktype & Description
		One 20cm wide quarts, carb, hemitite, minor magnetite vein contains trace amounts of pyrite.
		« 16.51- 16.51 Quartz , carbonate (ankerite?) , Hematite , mg , Pyrite 56°»
20.92	30.02	slts
		Siltstone, phylitic:
		Darker green with moderately strong chlorite alteration and moderate silicification. Thinly laminated with fine grained magnetite lamina (1-2mm wide) and secondary fine-grained disseminated magnetite/hematite over printing bedding and foliation. The lower contact is sharp and irregular.
		Bedding is discernible throughout but has been disrupted by veinlets of quartz hematitic plagioclase, mg / Hematite +/- minor Fe-carb, 1-3cm wide 2 per meter. Veinlets are continuous with sharp well defined margins. Quartz hematitic plagioclase vein are sub parallel to bedding locations and orientations are listed bellow.
		< @ 20.98 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 68° >
		< @ 23.18 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 75° >
		< @ 23.38 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 76 >
		< @ 24.09 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 71° >
		< @ 23.38 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 68° >
		< @ 23.48 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 65° >
		< @ 26.07 Quartz , Hematite , Plagioclase , carbonate (ankerite?) 75° >
		Foliation is weakly developed due to increased silicification. Foliation plains are rough and stepped.
		< @ 23.38 Bedding 70° >
		< @ 23.38 V1 70° >
		< @ 24.00 Bedding 62° >
		< @ 24.05 S1 Foliation 62° >
		< @ 27.01 Bedding 70° >
		< @ 27.10 S1 Foliation 71° >
		The entire unit is weakly chloritised with secondary weak sericite alteration
		< Chlorite 2 >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
20.92	22.00	1.08	844972	-0.005	0.02	6	4.2	1.81
22.00	24.00	2.00	844973	-0.005	0.02	2	4.0	0.53
24.00	26.00	2.00	844974	0.007	-0.01	2	3.3	0.25
26.00	27.00	1.00	844975	-0.005	-0.01	1	3.4	0.10
27.00	29.00	2.00	844976	-0.005	-0.01	1	3.4	0.78
29.00	30.02	1.02	844977	-0.005	-0.01	4	5.9	0.46

Project: Werneckes **Hole Number:** FW07-02

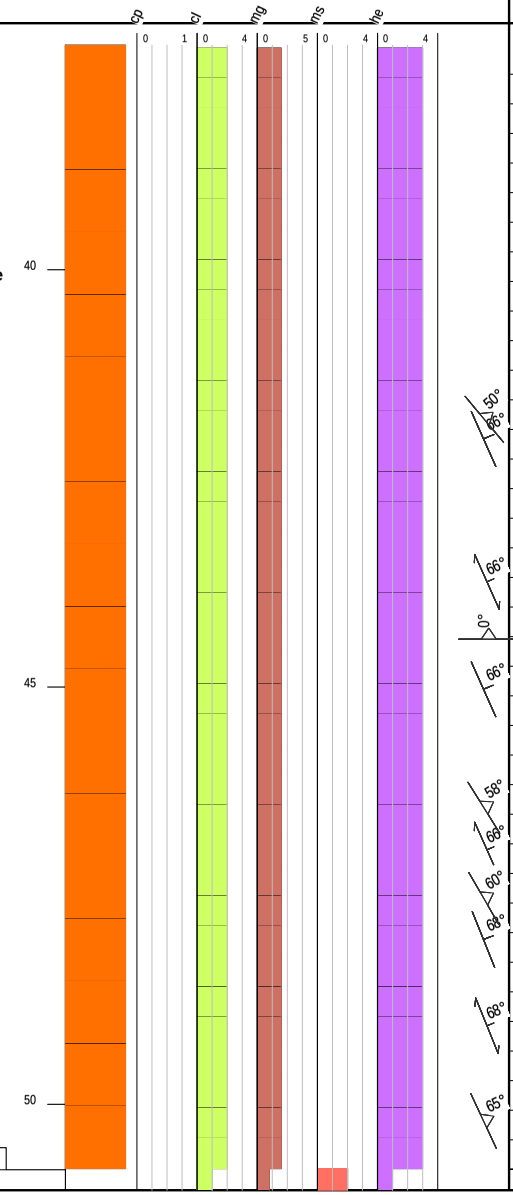
From	To	Rocktype & Description
		< Sericite 1>
		Mineralization is composed of haematite and magnetite mentioned above.
		< Hematite 1%>
		< mg 1% >
30.02	30.91	vn
		Vein:
		Contacts with both upper and lower unit are irregular and brecciated.
		Semi massive vein of quarts haematitic plagioclase, mg / Hematite with strongly chloritized siltstone clasts, 3-15mm wide, minor clotted chlorite with strong silicification of host rock.
		« Chlorite 3»
		« Silicification 2»
		Mineralization:
		« Hematite 1%»
		« mg 1%»
30.91	50.77	ph
		Phylitic siltstone:
		Siltstone, phylitic:
		Darker green with moderately strong chlorite alteration and moderate silicification. Thinly laminated with fine grained to granular magnetite lamina (1-2mm wide) and 1mm grains of disseminated magnitite/hemitite over printing bedding and foliation. The lower contact is gradational and based on the absence of quartz hematitic plagioclase veins.
		Bedding is discernible throughout but has been disrupted by veinlets of quartz hematitic plagioclase, MG / HE +/- minor Fe-carb, 1-3cm wide 2 per meter. Veinlets are continuous with sharp well defined margins. Quartz hematitic plagioclase vein are sub parallel to bedding locations and orientations are listed bellow.
		< @ 41.75 Quartz , Specularite , Plagioclase , carbonate (ankerite?) 50° 50cm >
		< @ 46.30 Quartz , Specularite , Plagioclase , carbonate (ankerite?) 60° 3cm >
		< @ 46.41 Quartz , Specularite , Plagioclase , carbonate (ankerite?) 58° 3cm



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
30.02	30.91	0.89	844978	0.007	0.01	3	6.1	1.57
30.91	33.00	2.09	844980	-0.005	-0.01	2	3.0	0.26
33.00	35.00	2.00	844981	-0.005	0.02	1	2.0	0.09
35.00	36.00	1.00	844982	-0.005	-0.01	8	1.9	0.54
36.00	38.00	2.00	844983	-0.005	-0.01	4	2.2	0.73
38.00	40.00	2.00	844984	0.006	-0.01	4	4.0	2.41
40.00	42.00	2.00	844985	-0.005	-0.01	3	3.7	1.31
42.00	44.00	2.00	844986	-0.005	0.01	3	17.3	1.99
44.00	46.00	2.00	844987	-0.005	-0.01	19	2.5	1.93
46.00	48.00	2.00	844988	-0.005	0.02	4	2.5	0.61
48.00	49.00	1.00	844989	-0.005	-0.01	9	4.9	0.61
49.00	50.77	1.77	844990	-0.005	-0.01	10	3.0	0.44

Project: Werneckes **Hole Number:** FW07-02

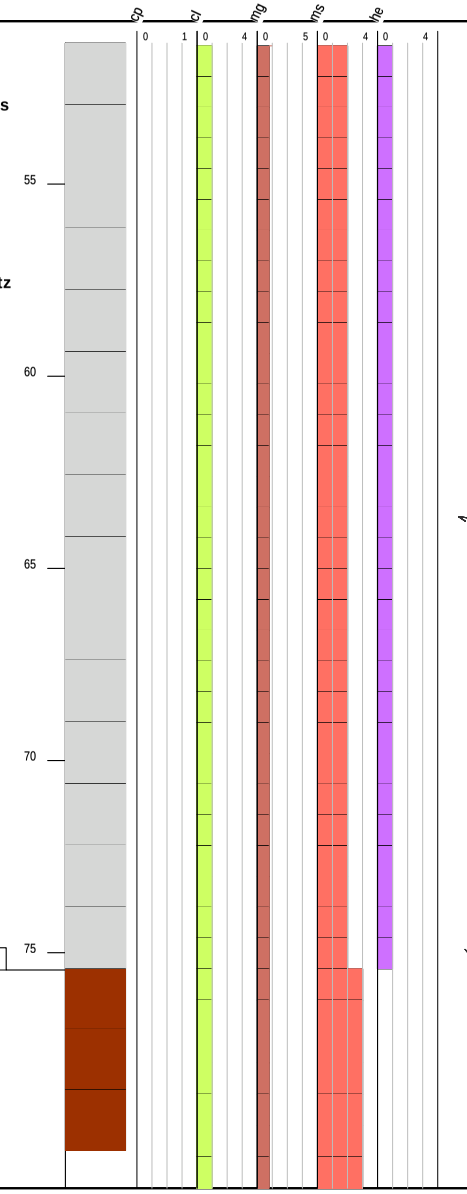
From	To	Rocktype & Description
		>
		< @ 50.17 Quartz , Specularite , Plagioclase , carbonate (ankerite?) 65° 5cm
		>
		Later blebs and stringers of glassy quartz are through out the unit, 1-5cm wide, 1 per meter. Even later veins have minor acicular hematite crystals associated with them and are rimmed (2mm) with slightly more intense chlorite alteration, 1 per 4 meters.
		< @ 44.36 Quartz , Specularite , carbonate (ankerite?) 0°, 1cm > 165 cps in sorounding slts.
		Bedding is well defined and parallel to foliation. Foliation is weakly developed due to increased silicification.
		< @ 31.13 Bedding 56° >
		< @ 13.14 S1 Foliation 56° >
		< @ 43.73 Bedding 66° >
		< @ 43.73 S1 Foliation 66° >
		< @ 46.94 Bedding 66° >
		< @ 46.94 S1 Foliation 66° >
		< @ 49.02 Bedding 68° >
		< @ 49.05 S1 Foliation 68° >
		< @ 44.36 Quartz , Specularite , carbonate (ankerite?) 0° 1cm >
		The entire unit is moderately chloritized with secondary weak sericite alteration« Chlorite 2»« Sericite 1»
		Mineralization is composed of hematite and magnetite mentioned above, with potential brannerite and gold contained in the quarts hematitic plagioclase veins. There is a minor zone noted below with a elevated scint reading.
		« Counts per second 165» 44.31-44.45
		« Hematite 3%»
		« mg 2%»
50.77	75.42	shl



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
50.77	52.00	1.23	844992	-0.005	-0.01	14	3.2	0.79

Project: Werneckes **Hole Number:** FW07-02

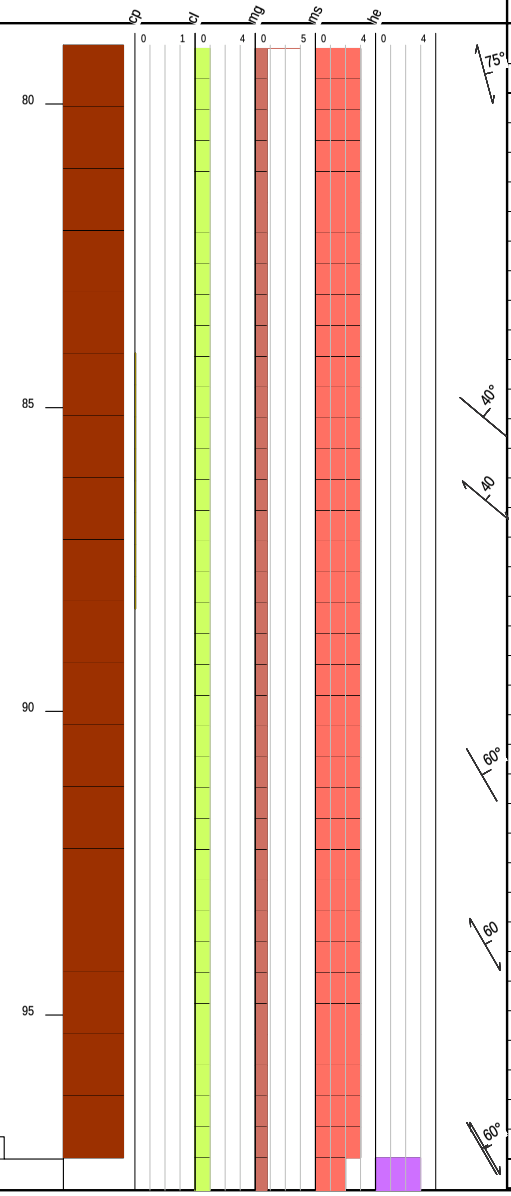
From	To	Rocktype & Description
		Shale, with minor interbeds of siltstone.
		Fine beds of shale with thin to thick (30 cm) interbeds of siltstone. Contacts between the beds are conformable, sharp and well defined. The lower contact is sharp and defined by a change to siltstone.
		< @ 75.42 lower contact 68° >
		Siltstone interbeds have moderate sericite alteration with weak chlorite and secondary, very weak, Fe-carbonate alteration focused around minor diffuse qtz carb veinlets.
		« Sericite 2»
		« Chlorite 1»
		Foliation and Joint plains are smooth. Bedding and foliation are concordant throughout the unit. Minor 1 cm wide folds are also noted in the core.
		< @ 63.60 Bedding 70° >
		< @ 63.70 S1 Foliation 7 >
		< @ 72.42 Bedding 75° >
		< @ 72.42 S1 Foliation 75° >
		< @ 73.95 Bedding 70° >
		< @ 74.00 S1 Foliation 70° >
		< @ 61.13 jointing 48° >
		Mineralization consist of fine-grained disseminated magnatite/hemitite over printing bedding and foliation.
		« mg 1%»
		« Hematite 1%»
75.42	97.35	slts
		Siltstone:
		Light green, thinly to finely laminated. The lower contact is sharp and defined by a sharp increase in chlorite alteration and qz, plagioclase hematite veining.
		< @ 97.42 lower contact 60° >
		Bedding is generally discernible throughout but has been disrupted by late



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
52.00	54.00	2.00	844993	-0.005	0.01	24	3.1	1.10
54.00	56.00	2.00	844994	-0.005	0.04	29	3.7	0.93
56.00	58.00	2.00	844995	-0.005	-0.01	7	4.7	1.28
58.00	60.00	2.00	844996	-0.005	-0.01	8	3.8	1.40
60.00	62.00	2.00	844997	-0.005	-0.01	7	3.6	0.90
62.00	66.00	4.00	844998	0.005	5.84	24	4.0	1.59
66.00	68.00	2.00	844999	-0.005	0.03	9	3.4	2.15
68.00	70.00	2.00	845000	-0.005	0.03	5	3.4	1.90
70.00	72.00	2.00	845001	-0.005	0.02	2	4.3	0.60
72.00	74.00	2.00	845002	-0.005	0.02	2	3.3	0.78
74.00	75.32	1.32	845003	-0.005	0.03	4	2.6	0.64
75.32	77.00	1.68	845004	-0.005	0.05	5	3.5	2.19
77.00	79.00	2.00	845005	-0.005	0.02	7	2.5	1.18
79.00	81.00	2.00	845006	-0.005	0.03	6	3.2	1.08
81.00	83.00	2.00	845007	0.006	0.04	4	3.2	1.48
83.00	85.00	2.00	845008	-0.005	0.09	3	3.5	1.04
85.00	87.00	2.00	845009	-0.005	0.05	8	3.6	0.79
87.00	89.00	2.00	845010	-0.005	0.03	12	3.5	0.88
89.00	91.00	2.00	845011	-0.005	0.04	54	3.6	0.54
91.00	93.00	2.00	845012	-0.005	0.19	214	4.4	1.70

Project: Werneckes **Hole Number:** FW07-02

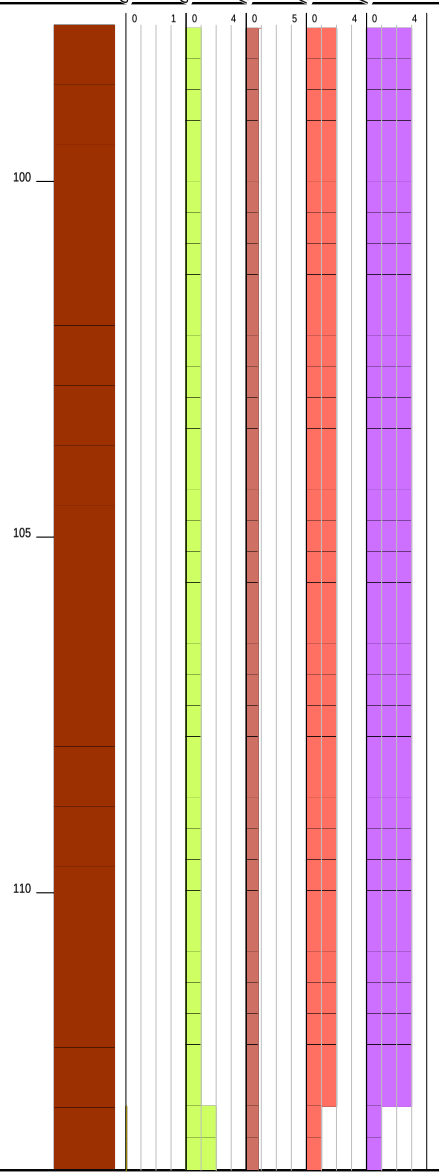
From	To	Rocktype & Description
		stage(?) faulting at 84.10-88.31m and the whole unit is generally broken. Quartz haematite veins are broken and ground up by faulting.
		< @ 83.87 shear 40° 10cm >
		< @ 88.42 shear 73° 5cm>
		In areas of less disturbed core, joint plains are smooth to rough and cross cut bedding, foliation. Foliation is moderately well developed and is concordant to bedding.
		< @ 79.48 Bedding 75° >
		< @ 79.50 S1 Foliation 75° >
		< @ 85.08 Bedding 40° >
		< @ 85.10 S1 Foliation 40 >
		< @ 93.80 Bedding 60° >
		< @ 97.15 Bedding 60° >
		< @ 93.82 S1 Foliation 60 >
		< @ 97.18 S1 Foliation 60° >
		The entire unit is moderatly to strongly sericitized with weak to moderate chlorite alteration depending on proximity to faulting. Fine grained disseminated magnetite/hematite over-prints foliation and bedding.
		« Sericite 3»« Chlorite 1»
		Quartz veins with varying amounts of magnetite and euherdral crystals of hematite typically 2-10mm wide with sharp margins and 3mm envelopes of moderately strong chlorite alteration. Veins cross cut foliation and bedding, vein density is 3 veins per meter. Trace chalcopyrite and malachite are found in the fault gouge and on the foliation plains of the ajacent core (84.10-88.31m).
		< @ 75.42 Quartz , Hematite , mg 45° 1cm >
		< @ 75.42 Hematite , Quartz , mg 50° 12cm >
		« Hematite 1% »
		« Magnetite 1%»
		« 84.10- 88.31 Malachite , Chalcopyrite 1%»
97.35	121.48	slts
		SLTS: Alteration is very strong along margins of Quartz and pink plagioclase



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
93.00	95.00	2.00	845014	-0.005	0.04	8	3.2	0.58
95.00	97.35	2.35	845015	-0.005	0.04	5	3.3	0.61
97.35	98.00	0.65	845016	-0.005	0.03	4	3.4	0.63
98.00	99.00	1.00	845017	-0.005	0.06	2	5.3	0.36

Project: Werneckes **Hole Number:** FW07-02

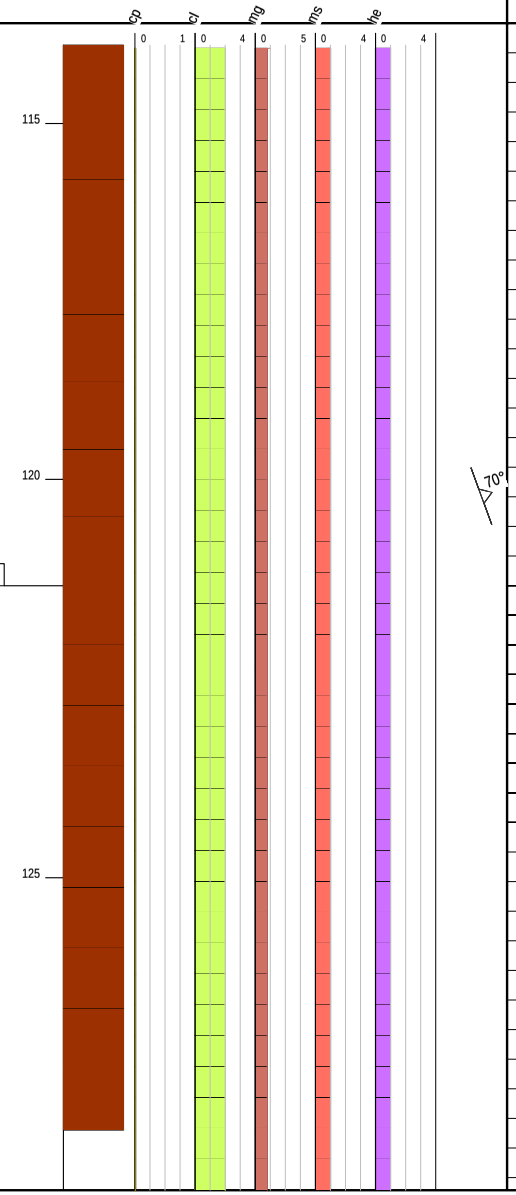
From	To	Rocktype & Description
		quarts veins and almost obliterates bedding and primary features. Outboard of the veins bedding and primary features are preserved. The lower contact is gradational and defined by a decrease in quartz veining, pink plagioclase quartz veins and chlorite. Pervasive fine-grained magnetite lamina (3mm) parallel to bedding.Secondary fine grained to granular disseminated magnetite / hematite over prints foliation and bedding. < @ 113.00 lower contact 60° >
		Foliation is strongly developed, with the exception of zones of intense veining (outlined below), which have been sheared. Foliation plans are smooth and stepped. Bedding is disrupted by veining but is moderately well preserved in areas between veining. < @ 100.00 S065° > < @ 100.03 S1 Foliation 65° > < @ 103.22 Bedding 60° > < @ 103.25 S1 Foliation 60° > < @ 111.92 Bedding 60° > < @ 111.95 S1 Foliation 60° >
		The unit is moderatly sercite altered with weak clorite. Very strong chlorite alteration along quartz veins which are crenulated (?). Trace 1-3mm ovals of manganese on fractures and foliation plains. « Sericite 2» « Chlorite 1»
		Unit is moderately veined with dominantly milky to glassy quarts veinlets 1-30cm wide 1 veinlet per 50cm. Minor granular magnetite and acicular hematite crystals in 1-3mm sinews bands, blebs and veinlets randomly oriented through out unit. < @ 103.52 Quartz , Hematite 60° 45cm > < @ 106.66 Quartz , Hematite 70° 36cm >
		Subordinate hematite dusted granular pink plagioclase quarts veins with minor disseminated hematite 1-5cm wide, one vein per meter. The veins are sub-parallel to bedding and foliation and are some times discontinuous with convoluted margins and internal structure. They look later and have granular hematite veins with minor magnetite associated with them. Are they the same



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
99.00	100.00	1.00	845018	-0.005	0.04	2	22.6	0.30
100.00	100.15	0.15	845019	-0.005	0.06	7	4.2	0.77
100.15	100.37	0.22	845020	-0.005	0.05	2	4.8	0.20
100.37	101.37	1.00	845021					
101.20	102.00	0.80	845023	-0.005	0.05	4	3.9	0.84
101.37	101.20	-0.17	845022	-0.005	0.04	3	3.2	0.61
102.00	103.00	1.00	845024	-0.005	0.02	2	3.5	0.82
103.00	104.00	1.00	845025	-0.005	0.02	19	2.9	0.95
104.00	104.34	0.34	845026	-0.005	0.02	1	2.9	0.29
104.34	105.34	1.00	845027	-0.005	0.02	14	4.3	2.44
105.34	106.00	0.66	845028	-0.005	-0.01	13	3.0	1.28
106.00	107.00	1.00	845029	-0.005	0.02	2	3.0	2.81
107.00	107.86	0.86	845030	-0.005	-0.01	1	2.9	0.57
107.86	108.22	0.36	845031	-0.005	-0.01	3	5.3	0.35
108.22	108.71	0.49	845033	-0.005	0.03	3	3.2	1.41
108.71	108.81	0.10	845034	-0.005	0.02	4	228.0	0.92
108.81	110.00	1.19	845035	-0.005	0.03	6	3.5	0.71
110.00	111.00	1.00	845036	-0.005	0.02	4	3.4	0.61
111.00	112.00	1.00	845037	-0.005	0.02	4	4.5	0.53
112.00	113.00	1.00	845039	-0.005	-0.01	3	4.0	0.91
113.00	114.00	1.00	845040	-0.005	-0.01	2	3.6	0.56
114.00	115.00	1.00	845041	-0.005	-0.01	2	3.5	0.72
115.00	116.00	1.00	845043	-0.005	0.02	1	3.3	0.48
116.00	117.00	1.00	845044	-0.005	0.02	1	3.3	0.69
117.00	118.00	1.00	845045	-0.005	0.03	1	4.4	0.67
118.00	119.00	1.00	845046	-0.005	0.01	1	3.6	0.62
119.00	120.00	1.00	845047	-0.005	0.03	2	4.1	0.57
120.00	120.76	0.76	845048	-0.005	-0.01	2	3.6	0.69
120.76	121.48	0.72	845049	-0.005	-0.01	3	4.2	1.18

Project: Werneckes **Hole Number:** FW07-02

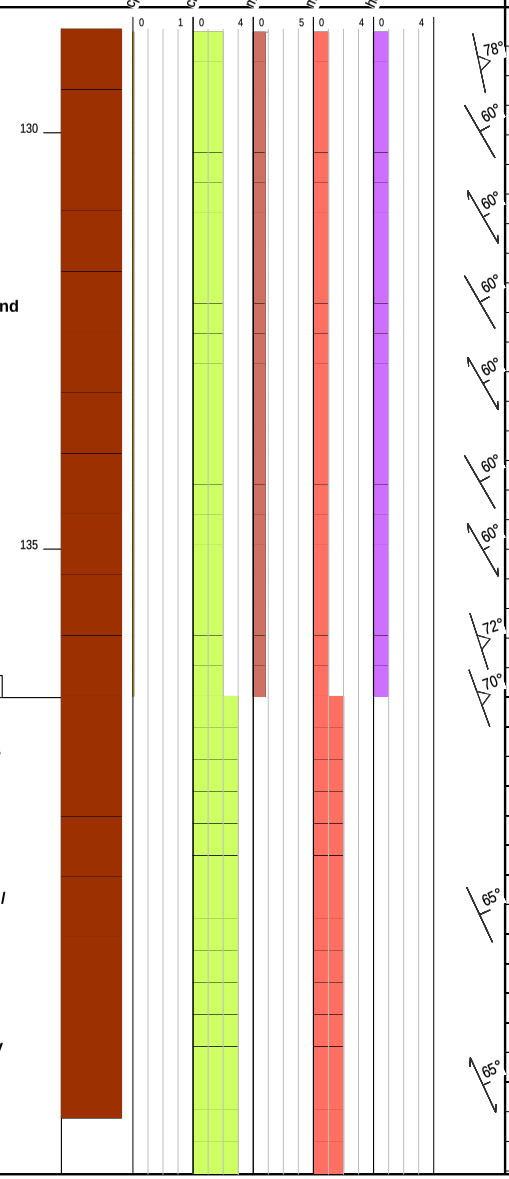
From	To	Rocktype & Description
		event (?).
		< @ 100.87 Quartz , Plagioclase , Hematite 65° 32cm >
		< @ 101.10 Quartz , Plagioclase , Hematite 60° 14cm >
		< @ 104.83 Quartz , Plagioclase , Hematite 90° 40cm >
		< @ 108.70 Quartz , Plagioclase , Hematite 55° 14cm >
		< @ 120.21 Quartz , Plagioclase , Hematite 70° 45cm >
		Minor granular magnetite and acicular hematite crystals in 1-10 cm sinews bands, blebs and veinlets at 0° to core axis, infilling of tensional gashes. Very minor uranium mineralization not visible with the exception of possible unraniferus enrichment along fracture plans and in one zone of plagioclase veining.
		< @ 99.55 Cps U308 162 14cm >
		< @ 108.70 Cps U308 180 16cm >
		« Hematite 3%»
		« mg 1%»
		« Manganese 0.01%»
121.48	136.77	slts
		Siltstone:
		Light green, thinly to finely laminated. The lower contact is gradational and defined by the absence of qz, plagioclase hematite veining and an increase chlorite alteration.
		Bedding and foliation are generally discernible throughout but have been disrupted by and veinlets of milky to glassy qz.
		< @ 134.16 Bedding 60° >
		< @ 134.16 S1 Foliation 60° >
		< @ 129.95 Bedding 60° >
		< @ 130.00 S1 Foliation 60° >
		< @ 133.63 Bedding 60° >
		< @ 133.70 S1 Foliation 60° >
		< @ 129.15 Quartz 78° 2cm >
		< @ 136.10 Quartz 72° 1cm >
		Foliation is moderately well developed and is concordant to bedding. Unit weakly sheared with small broad folds (4cm wave length).
		The entire unit is weakly to moderately chlorite altered with secondary weak sericite alteration.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
121.48	123.00	1.52	845050	-0.005	0.01	7	2.9	0.27
123.00	124.36	1.36	845051	0.024	0.04	1590	5.2	2.88
124.36	125.00	0.64	845052	-0.005	0.03	114	2.5	0.52
125.00	127.00	2.00	845053	-0.005	0.07	25	5.0	0.38
127.00	129.00	2.00	845054	-0.005	0.05	18	2.8	0.53
129.00	131.00	2.00	845055	-0.005	0.01	15	2.4	0.72
131.00	133.00	2.00	845056	-0.005	0.03	56	2.6	0.46
133.00	135.00	2.00	845057	-0.005	0.03	31	2.7	0.75
135.00	136.77	1.77	845058	-0.005	0.03	24	2.7	0.69

Project: Werneckes **Hole Number:** FW07-02

From	To	Rocktype & Description
		« Chlorite 2»
		« Sericite 1»
		Fine grained disseminated magnetite/hematite over printing bedding. Veins of quartz have varying amounts of minor magnetite and hematite; veins are typically 2-20mm wide with well-developed margins and 3mm envelopes of moderately strong chlorite alteration. There are minor amounts of fe-carbonate throughout generally along the margins of the Quartz veinlets or cross cutting bedding and foliation at random angles, later (?). Veins pinch and swell and are generally discontinuous. Trace manganese patches and ovals on fracture and foliation plains. Trace amounts of malachite and chalcopyrite along fractures and foliation plains and very minor trace pyrite.
		« Hematite 1%»
		« mg 1%»
		« Magnesite 0.01%»
		« 113.00- 136.77 Chalcopyrite 0.01%»
		« Clay 1%»
136.77	145.91	slts
		Siltstone:
		Alteration is very strong along margins of QZ and pink plagioclase quartz veins and almost obliterates bedding and primary features. Outboard of the veins bedding and primary features are preserved. The lower contact is gradational and defined by a decrease in quartz veining and pink plagioclase quartz veins and chlorite ateration. Pervasive fine-grained magnetite lamina (3mm) is parallel to bedding.Secondary fine grained to granular disseminated magnetite / hematite over prints foliation and bedding.
		< @ 145.91 lower contact 52° >
		Foliation is weakly developed, with the exception of zones of intense veining and in areas (outlined below), which have been faulted. Bedding is disrupted by veining but is moderately well preserved in areas between veining.
		< @ 137.90 Bedding 65° >
		< @ 137.95 S1 Foliation 65° >
		< @ 146.03 Bedding 70° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
136.77	138.00	1.23	845059	-0.005	-0.01	6	2.6	0.30
138.00	139.00	1.00	845060	-0.005	0.01	8	2.8	0.23
139.00	139.59	0.59	845061	-0.005	0.03	9	3.3	0.24
139.59	140.21	0.62	845062	-0.005	0.05	6	4.7	0.55
140.21	140.49	0.28	845063	-0.005	0.02	2	3.8	0.33
140.49	141.30	0.81	845064	-0.005	0.02	2	4.6	0.61
141.30	142.83	1.53	845065	-0.005	0.02	5	3.0	0.27
142.83	143.13	0.30	845066	-0.005	0.03	4	4.6	0.30
143.13	143.25	0.12	845067	-0.005	0.01	3	3.2	0.42
143.25	143.48	0.23	845068	-0.005	0.03	7	3.8	0.40
143.48	144.24	0.76	845070	-0.005	0.05	18	2.4	0.43
144.24	144.65	0.41	845072	-0.005	0.06	13	2.7	0.35
144.65	145.69	1.04	845073	-0.005	0.09	19	2.2	0.25
145.69	145.91	0.22	845074	-0.005	0.04	12	2.1	0.33

Project: Werneckes **Hole Number:** FW07-02

From	To	Rocktype & Description

< @ 146.13 S1 Foliation 70° >
< @ 144.27 FLT 70° 15cm >

The unit is strongly Chlorite altered with moderate MS. Weak discreet secondary fe-carb veinlets (1-4mm wide) and patchy alteration along areas of strong chlorite alteration. Very strong chlorite zones which are crenulated (?) at 10deg TCA.
« Chlorite 3»
« Sericite 2»
« carbonate (ankerite?) 1» in patches, 5% of total unit is CB altered.

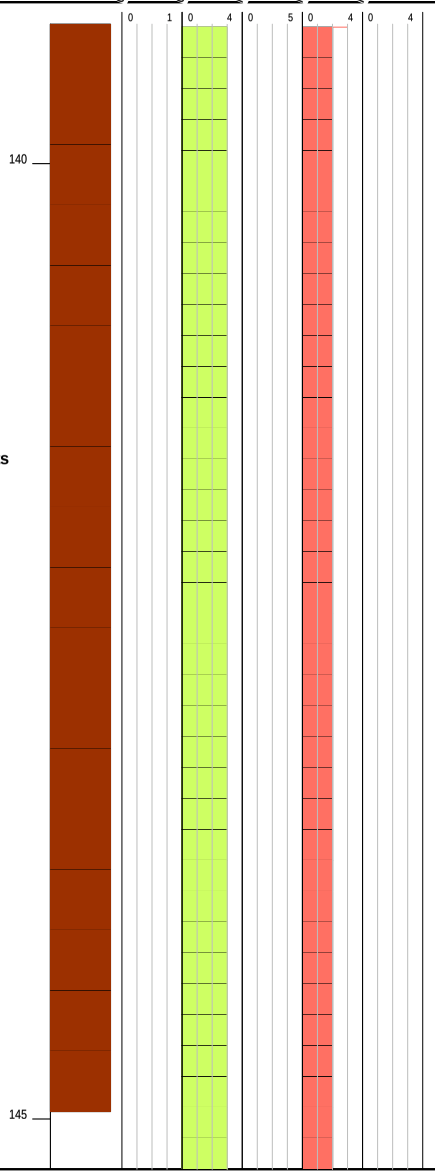
Unit is moderately veined with subordinate hematite dusted granular pink plagioclase quartz veins with minor disseminated hematite 1-5cm wide, one vein per 50cm. The veins are sub-parallel to bedding and foliation and are discontinuous with convoluted margins and internal structure. Moderate amounts of later granular HE/MG associated with granular pink plagioclase quartz veins, when not overprinting are parallel to play veins.

< @ 136.77 QZ, PF, HE 70° 28cm >
< @ 142.06 QZ, PF, HE 70° 2cm >
< @ 145.72 QZ, PF, HE 60° 1cm >
< @ 143.30 QZ, PF, HE 50° 8cm >

Subordinate milky to glassy quarts veinlets 1-30cm wide, 1 veinlet per 50cm.
< @ 140.83 Quartz 55° 1cm > average seen through out unit.

Weak discreet secondary fe-carb veinlets (1-4mm wide, 1 veinlet per meter) and patchy alteration along areas of strong chlorite alteration, orientation is the samer as Quartz veins and is also randomly oriented.

Very minor uranium mineralization not visible with the exception of possible unraniferus enrichment along fracture plans and in one zone of plagioclase veining.
« 140.21- 140.49 Cps U308 154»
« 142.06- 142.13 Cps U308 155»
« 143.25- 143.48 Cps U308 162»
« 145.76- 145.91 Cps U308 161»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** FW07-02

From	To	Rocktype & Description
145.91	164.36	slts

Siltstone:

Light green, broken unit with moderate shearing, strong quartz veins and carbonate veinlets. The lower contact is defined by the increase of quartz veining.

< @ 164.36 lower contact 64° >

Unit has pervasive strong sericite with moderate to weak chlorite alteration. Chlorite alteration is strongest along the margins of QZ veins and in small (1-2mm) altered clasts contained in veins. Carbonate veinlets have a bleached appearance along there margins (1-2mm)

« Sericite 3»

« Chlorite 2» along margines of veins Chlorite is stronger, very localized.

Unit is broken and sheared with minor faults listed below. Shearing is present in areas of strong Quartz veining. Veins have distorted margins and internal structures. Later carbonate veinlets cross cut all structures, bedding and Quartz veins.

< @ 140.62 FLT 45 78cm > clays and angular fragments of SLTS and qz

< @ 156.40 FLT 45 23cm > clays and angular fragments of SLTS and qz

strong chlorite, clotted

re-cementing

fragments.

« 159.64- 164.36 shearing, strong »

Foliation is moderately well developed and is roughly concordant to bedding.

< @ 149.94 Bedding 51° >

< @ 149.96 S1 Foliation 51 >

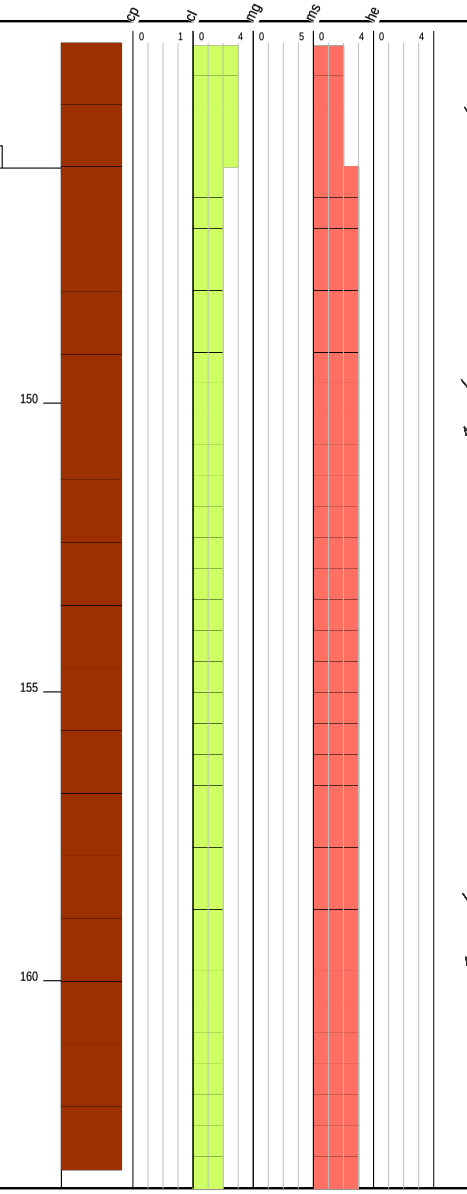
< @ 152.56 Bedding 70° >

< @ 152.56 S1 Foliation 70 >

< @ 158.86 Bedding 55° >

< @ 158.90 S1 Foliation 55° >

The is no hematite or magnetite in this unit. No mineralization.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
145.91	147.00	1.09	845075	-0.005	0.04	11	2.0	0.29
147.00	148.00	1.00	845076	-0.005	-0.01	48	2.7	0.13
148.00	148.74	0.74	845077	-0.005	0.09	9	2.2	0.18
148.74	149.91	1.17	845079	-0.005	0.08	9	2.9	0.54
149.91	150.50	0.59	845080	-0.005	0.13	30	2.6	1.95
150.50	150.80	0.30	845081	-0.005	0.29	48	3.3	2.04
150.80	152.00	1.20	845082	0.006	0.37	7	2.4	0.75
152.00	154.00	2.00	845083	-0.005	0.14	7	2.5	0.35
154.00	155.55	1.55	845084	-0.005	0.08	12	2.1	0.50
155.55	156.00	0.45	845085	-0.005	0.14	27	3.1	2.16
156.00	158.00	2.00	845086	0.005	0.13	20	2.4	0.90
158.00	160.00	2.00	845087	-0.005	0.05	9	2.5	0.44
160.00	162.00	2.00	845088	-0.005	0.13	8	3.7	0.26
162.00	163.98	1.98	845089	-0.005	0.10	7	4.8	0.47
163.98	164.36	0.38	845090	-0.005	0.08	2	4.1	0.13

Project: Werneckes **Hole Number:** FW07-02

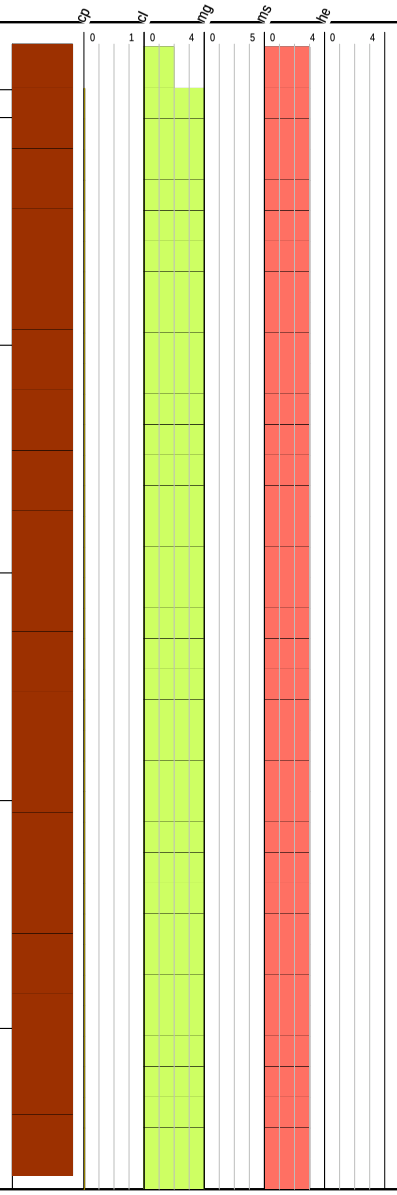
From	To	Rocktype & Description
164.36	197.51	slts

SILTSTONE: Unit is very strongly Quartz veined (70% of total unit), very strongly folded and sheared. Primary bedding and foliation is obliterated in areas of most intense veining. Minor micro faulting mimicking larger faults with cm scale displacement.
< @ 174.45 Bedding 77° >
< @ 174.50 S1 Foliation 77° >
< @ 181.67 Bedding 64° >
< @ 181.70 S1 Foliation 64° >
« 176.89- 176.99 FLT 77°» Fault
« 191.31- 191.58 fault FLT 85°»
< @ 169.17 micro faulting 1cm displacment FLT 70° 6cm >

Host rock in areas of intense Quartz veining is very strongly Chlorite altered with clotted chlorite along margins of Quartz veins and almost obliterates bedding and primary features. Portions of the host which are adjacent to the veins are also strongly silicifide Outboard of the veins bedding and primary features are moderately preserved but have been strongly sheared in places as well as folded with strong sericite alteration. In wider veins there is trace stubby dark green euhedral amphibole.
« 164.36- 197.51 Chlorite 4»
« 164.36- 197.51 Sericite 3»
« trace carbonate (ankerite?) »

There are minor amounts of fe-carbonate throughout generally along the margins of the Quartz veinlets or cross cutting bedding and foliation of host rock at random angles, later (?). Quartz veins pinch and swell and are generally discontinues, 1-35cm, 1 per 50cm at random angles TCA. Trace manganese patches and ovals on fracture and foliation plains. Trace amounts of malachite and chalcopyrite along fractures and foliation plains. No magnetite or hematite.
« Chalcopyrite , Malachite 0.01%»

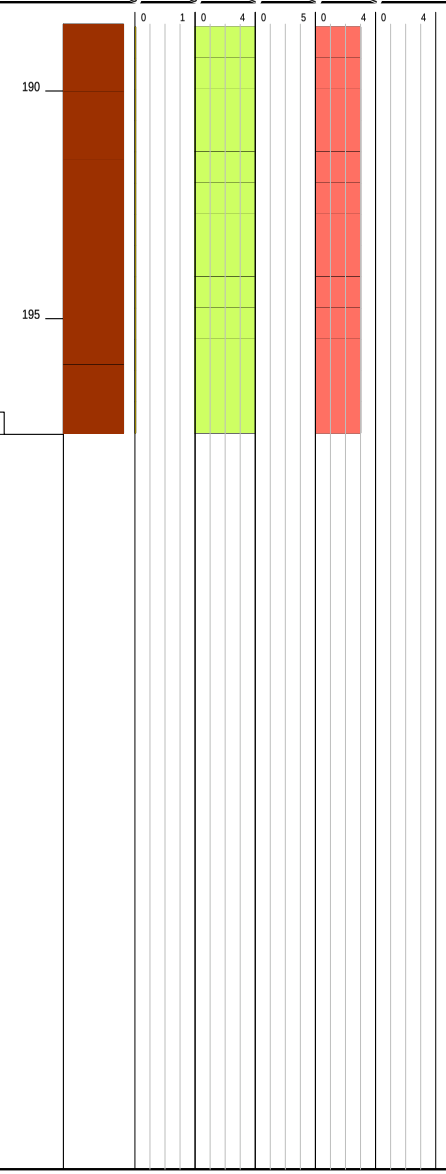
There are nine zones, which have elevated scintillometer readings. The readings are associated with secondary uranium enrichment along fractures and breaks. A reading of 190Cps is associated with brick red haematitic plagioclase, 3cm wide, roughly concordant to foliation and remnant bedding.
< @ 184.31 Cps 150 U308 150 11cm >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
164.36	166.00	1.64	845091	-0.005	0.05	4	2.7	0.16
166.00	168.00	2.00	845092	-0.005	0.04	4	2.7	0.20
168.00	170.00	2.00	845093	-0.005	0.05	11	2.8	0.34
170.00	172.00	2.00	845094	-0.005	0.05	16	1.9	0.31
172.00	173.00	1.00	845095	-0.005	0.05	15	2.0	0.17
173.00	175.00	2.00	845096	-0.005	0.04	13	2.2	0.17
175.00	177.00	2.00	845097	-0.005	0.03	12	1.5	0.27
177.00	179.00	2.00	845098	-0.005	0.04	8	1.4	0.49
179.00	181.00	2.00	845099	-0.005	0.04	4	2.0	0.34
181.00	183.00	2.00	845100	-0.005	0.06	6	2.4	0.42
183.00	184.31	1.31	845101	-0.005	0.05	5	2.6	0.24
184.31	184.42	0.11	845102	-0.005	0.02	30	1.7	0.25
184.42	185.00	0.58	845104	-0.005	0.04	14	3.2	0.15
185.00	185.22	0.22	845105	-0.005	0.03	7	2.3	0.09
185.22	187.00	1.78	845106	-0.005	0.05	10	3.3	0.15
187.00	187.73	0.73	845107	-0.005	0.05	6	2.4	0.55
187.73	187.82	0.09	845108	-0.005	0.06	5	2.4	0.43
187.82	189.99	2.17	845109	-0.005	0.07	14	2.2	0.28
189.99	190.41	0.42	845110	-0.005	0.06	25	2.8	0.13
190.41	191.82	1.41	845111	-0.005	-0.01	72	3.3	0.36
191.82	192.21	0.39	845112	-0.005	0.09	51	1.0	0.18
192.21	192.94	0.73	845113	-0.005	0.07	11	2.2	0.32
192.94	193.30	0.36	845114	-0.005	0.01	34	3.3	0.15
193.30	193.52	0.22	845115	-0.005	0.03	25	6.8	1.49
193.52	193.68	0.16	845116	-0.005	-0.01	12	5.6	0.50
193.68	194.57	0.89	845118	-0.005	0.03	11	3.6	0.26
194.57	194.78	0.21	845120	-0.005	0.31	98	19.1	3.47
194.78	195.66	0.88	845122	-0.005	0.03	16	3.7	0.47
195.66	195.85	0.19	845123	-0.005	0.03	18	4.6	0.42
195.85	197.51	1.66	845124	-0.005	0.02	33	3.4	0.47

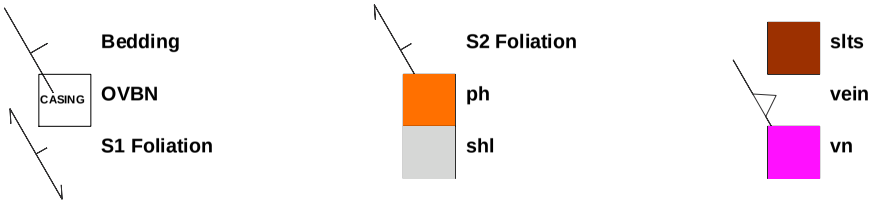
Project: Werneckes **Hole Number:** FW07-02

From	To	Rocktype & Description
		< @ 187.73 Cps 154 U308 154 9cm >
		< @ 189.91 Cps 165, 3 close zones U308 165 50cm >
		< @ 192.94 Cps 200 U308 200 36cm >
		< @ 191.82 CPS 165, two close zones U308 165 40cm >
		< @ 193.52 Cps 176 U308 176 16cm >
		< @ 194.57 Cps 190, Hematite , pf, 3cm wide 190 21cm >
		E.O.H.
197.51	197.51	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1232.0
Hole FW07-03	**Azimuth (º):** 100
Location: 7211834 m North, 527567 m East	**Dip (º):** -45.0
Logged by: N.Mitchell	**Length (m):** 155.45
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/07/31 **Date Completed:** 2007/08/03	
Dip Tests By: Reflex	
Objective To test for structurally hosted uranium on the Fireweed boulder train.	

Summary Log:

0.0 - 4.57m CASING

4.57 - 26.41m, 41.15 - 56.80 m Siltstone(slts): Siltstone with minor concordant interbeds of <30cm interbeds of shale contacts are sharp and well defined. Foliation and bedding are parallel. Fine grained specular hematite and lesser magnetite lamina concordant to bedding and fine grained crystals of specular hematite and magnetite over printing foliation.

26.41 - 41.15 m, 56.80 - 155.45 m PHYLLITE (ph): Light grey to dark green, metasomatized siltstones of the Fairchild Lake Group. Siltstones are finely to thinly laminated, weakly to moderately well developed cleavage with fine grained crystals of specular hematite and magnetite over printing foliation.

134.54 - 148.59 m Steep angle (TCA) minor faulting.

ALTERATION: Cl, MS +/- CB
VEINING AND MINERALIZATION: Haematitic plagioclase and quarts veining cross cutting foliation and bedding with minor accessory iron carbonate. Strong chlorite alteration along the selvages of veins. Minor specularite (4%) and magnetite (2%) trace spalerite and chalcopyrite.

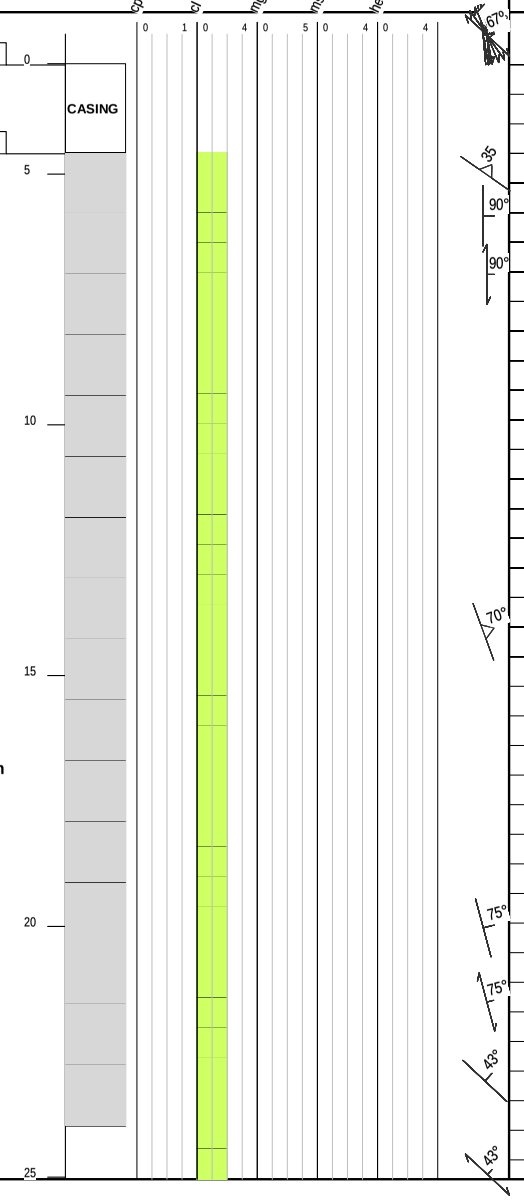
**Downhole survey log was completed but due to high magnetite values within bedrock, azimuth readings are not accurate and are not included within this log.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	100.00
0.00	-45.00	100.00
10.00	-45.30	100.00
10.00	-45.30	100.00
80.00	-44.10	100.00
80.00	-44.10	100.00
150.00	-43.70	100.00
150.00	-43.70	100.00

Project: Werneckes **Hole Number:** FW07-03

From	To	Rocktype & Description
0.00	4.57	OVBN CASING: No recovery.
4.57	26.41	shl SILTSTONE, with minor interbeds of Shale (1-35cm) thick (20% of unit). Minor fine-grained disseminated hematite over printing bedding and foliation. Contacts between the beds are conformable, sharp and well defined. Siltstone interbeds (10% of total unit) have weak chlorite alteration with weak silicification proximal to Quartz veining. The lower contact is sharp and defined by change to un-interbedded siltstone. < @ 26.41 lower contact lower contact 40> Foliation and Joint plains are smooth. Bedding and foliation are concordant throughout the unit. < @ 5.83 Bedding 90° > < @ 5.90 S1 Foliation 90° > < @ 21.41 Bedding 75° > < @ 21.50 S1 Foliation 75° > < @ 24.89 Bedding 43° > < @ 24.92 S2 Foliation 43° > Moderate chlorite alteration throughout. « CL 2» Quartz veins brecciate the host rock. Quartz veins are hematite dusted (pink in places) with varying amounts of euhedral crystals of hematite typically 2-10mm wide with sharp margins and 3mm envelopes of moderate chlorite alteration. Veins cross cut foliation and bedding, 1 vein per meter. < @ 4.90 QZ, HE, V1 35 > Subordinate hematite dusted granular pink plagioclase quartz veinlets with minor disseminated hematite 5-10mm wide, one vein per meter, sub parallel to foliation and bedding. < @ 14.09 QZ, PF, HE V2 70° > Trace pyrite, secondary, noted in Quartz veins.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
4.57	5.07	0.50	845125	-0.005	0.03	6	2.7	0.18
5.07	6.00	0.93	845126	-0.005	0.06	9	2.7	0.57
6.00	8.00	2.00	845127	-0.005	0.03	4	3.2	0.29
8.00	10.67	2.67	845128	0.006	0.04	13	2.2	1.04
10.67	12.00	1.33	845129	0.009	0.08	4	1.9	2.85
12.00	14.00	2.00	845130	0.005	0.01	4	2.2	0.51
14.00	14.50	0.50	845131	-0.005	0.03	5	1.9	0.40
14.50	15.00	0.50	845132	-0.005	0.01	3	1.8	0.43
15.00	15.57	0.57	845133	0.005	0.03	4	2.0	0.35
15.57	16.31	0.74	845134	-0.005	0.04	6	2.1	0.41
16.31	17.29	0.98	845135	-0.005	0.02	2	1.9	0.22
17.29	19.00	1.71	845136	-0.005	0.04	3	1.2	0.22
19.00	21.00	2.00	845137	-0.005	0.04	8	1.4	0.40
21.00	22.00	1.00	845138	0.005	0.04	6	1.8	0.49
22.00	23.00	1.00	845139	-0.005	0.04	3	2.0	0.54
23.00	24.00	1.00	845141	-0.005	0.03	9	1.9	0.60
24.00	25.34	1.34	845142	-0.005	0.01	4	2.2	0.80
25.34	26.41	1.07	845143	-0.005	0.16	21	2.2	0.33

Project: Werneckes **Hole Number:** FW07-03

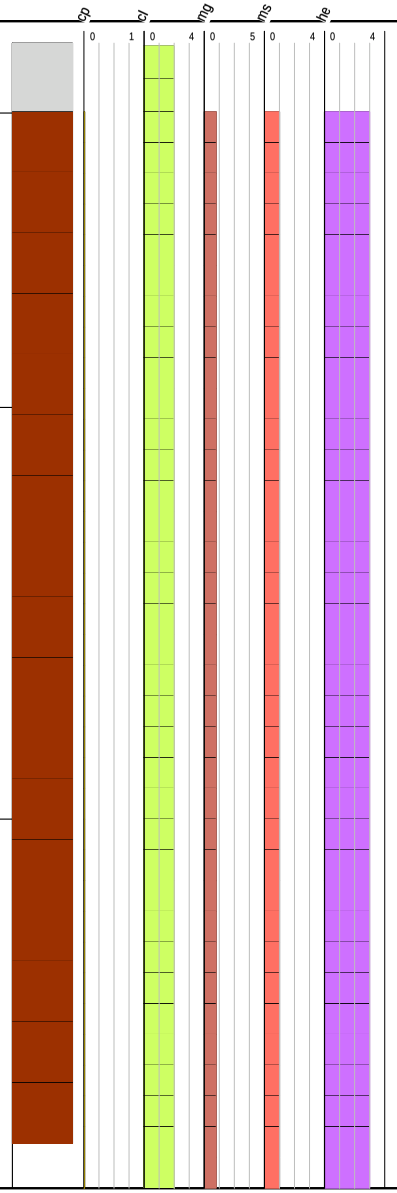
From	To	Rocktype & Description
26.41	41.15	slts

Siltstone:
Light green, thinly to finely laminated. With minor interbeds of finely laminated weakly graphitic SLTS. The lower contact is defined by a decrease in graphite and is broken, unable to determine contact angle, most likely concordant to bedding.

Foliation is strongly developed and is concordant to bedding. Unit has minor folding and moderate shear plans at 38deg TCA. Minor amount of jointing, some joint plans have been healed with Quartz +/- he. The botom of the unit (34.80m-36.50).
< @ 31.26 Bedding 65° >
< @ 31.39 S1 Foliation 65° >
< @ 32.24 Bedding 68° >
< @ 32.30 S1 Foliation 68° >
< @ 37.79 Bedding 58° >
< @ 37.84 S1 Foliation 58° >
< @ 30.22 shear, heald by QZ, minor Hematite S2 Foliation 54° >
< @ 35.45 fault, broken contacts FLT 25cm >

The entire unit is modartely chloritised with secondary weak sericite alteration.
« CL 2»« MS 1»

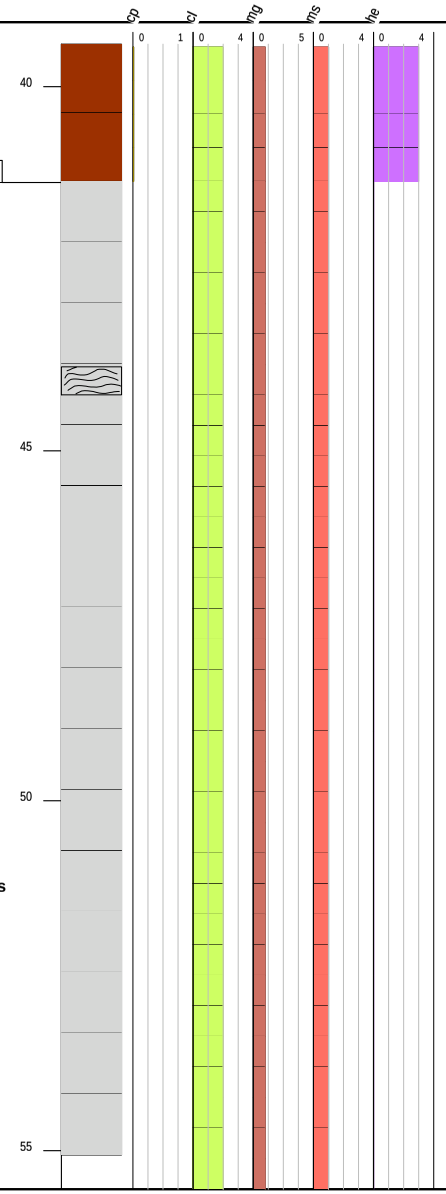
Pervasive fine-grained magnetite lamina (1-2mm) with secondary fine grained disseminated magnetite/hematite over printing bedding and foliation. Quartz veins with varying amounts of magnetite,hematite typically 2-20mm wide with well defined margins, one vein per meter. Trace amounts of malachite and chalcopyrite along fractures and foliation plains with very minor trace pyrite.
« mg 1.00%»
« Hematite 3.00%»
« Malachite 0.01%»
« Chalcopyrite 0.01%»
« Pyrite 0.01%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
26.41	27.50	1.09	845144	-0.005	0.04	37	2.8	0.81
27.50	28.00	0.50	845145	0.007	0.14	134	8.9	1.02
28.00	29.00	1.00	845146	-0.005	0.18	149	4.5	0.72
29.00	30.00	1.00	845147	0.007	0.21	86	5.6	1.13
30.00	31.00	1.00	845148	0.011	0.05	298	3.9	1.30
31.00	32.00	1.00	845149	-0.005	0.03	248	3.8	1.10
32.00	33.00	1.00	845150	0.009	-0.01	107	3.5	1.36
33.00	34.00	1.00	845151	0.011	0.01	13	2.5	0.48
34.00	35.00	1.00	845152	-0.005	0.01	4	2.7	0.42
35.00	35.45	0.45	845153	-0.005	0.02	14	3.3	1.67
35.45	35.70	0.25	845154	0.005	0.08	17	3.2	1.99
35.70	36.00	0.30	845155	-0.005	0.02	17	3.2	1.93
36.00	38.10	2.10	845156	-0.005	0.01	3	2.8	1.10
38.10	39.00	0.90	845157	-0.005	0.02	10	2.8	1.21
39.00	40.00	1.00	845159	-0.005	-0.01	6	3.0	0.50
40.00	41.15	1.15	845160	-0.005	0.05	12	4.8	0.59

Project: Werneckes **Hole Number:** FW07-03

From	To	Rocktype	& Description
41.15	56.80	shl	Shale, with minor interbeds of siltstone (1-35cm) thick (10% of unit). Minor fine-grained disseminated hematite over printing bedding and foliation. Contacts between the beds are conformable, sharp and well defined. The lower contact is sharp. < @ 56.80 lower contact lower contact 77° > Foliation is strongly developed and is concordant to bedding. Foliation and Joint plains are rough. Minor faulting and broken from 42.30-44.34. < @ 45.18 Bedding 71° > < @ 45.18 S1 Foliation 71° > < @ 52.42 Bedding 74° > < @ 52.59 S1 Foliation 74° > < @ 55.79 Bedding 55° > < @ 55.79 S1 Foliation 55° > < @ 53.80 S2 Foliation 0° > « 43.80- 44.20 clays and fragments of SHAL, SLTS FLTG » Moderate chlorite alteration throughout siltstone beds, not evident in graphitic shale. « in siltstones only CL 2». « in siltstones only MS 1» Minor 1-10 quartz veins brecciate host rock. Quarts veins have varying amounts of euhedral crystals of hematite typically 2-10mm wide with sharp margins and 3mm envelopes of moderate chlorite alteration. Veins cross cut foliation and bedding, 1 vein per meter. Unit has large milky quarts veins with minor 2-4mm blebs of clotted chlorite throughout. Margins of the vein are sharp and well defined with a slight increase in chlorite and sericite alteration, 50.19-50.83m. < @ 53.48 QZ, HE vein > « 50.19- 50.83 QZ vein, minor chlorite blebs and clots, qzt » « 41.15- 56.80 Hematite 0.01%» « mg 1.00%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
41.15	43.00	1.85	845161	-0.005	0.01	25	2.5	0.49
43.00	44.00	1.00	845162	-0.005	0.06	10	2.9	0.30
44.00	44.20	0.20	845163	-0.005	0.07	8	3.7	0.48
44.20	44.34	0.14	845164	-0.005	0.04	7	4.7	0.72
44.34	45.00	0.66	845165	-0.005	0.03	9	4.9	0.59
45.00	46.00	1.00	845166	-0.005	0.01	32	2.6	0.57
46.00	48.00	2.00	845167	-0.005	0.01	41	3.3	1.67
48.00	49.00	1.00	845168	0.006	-0.01	19	2.2	0.61
49.00	50.19	1.19	845169	0.018	-0.01	7	4.1	0.98
50.19	50.83	0.64	845170	-0.005	0.02	32	0.6	0.61
50.83	52.00	1.17	845171	-0.005	-0.01	2	4.2	1.02
52.00	54.00	2.00	845172	-0.005	-0.01	1	3.0	0.36
54.00	55.00	1.00	845173	-0.005	0.04	3	3.4	0.36
55.00	56.80	1.80	845174	-0.005	0.04	4	3.2	1.04

Project: Werneckes **Hole Number:** FW07-03

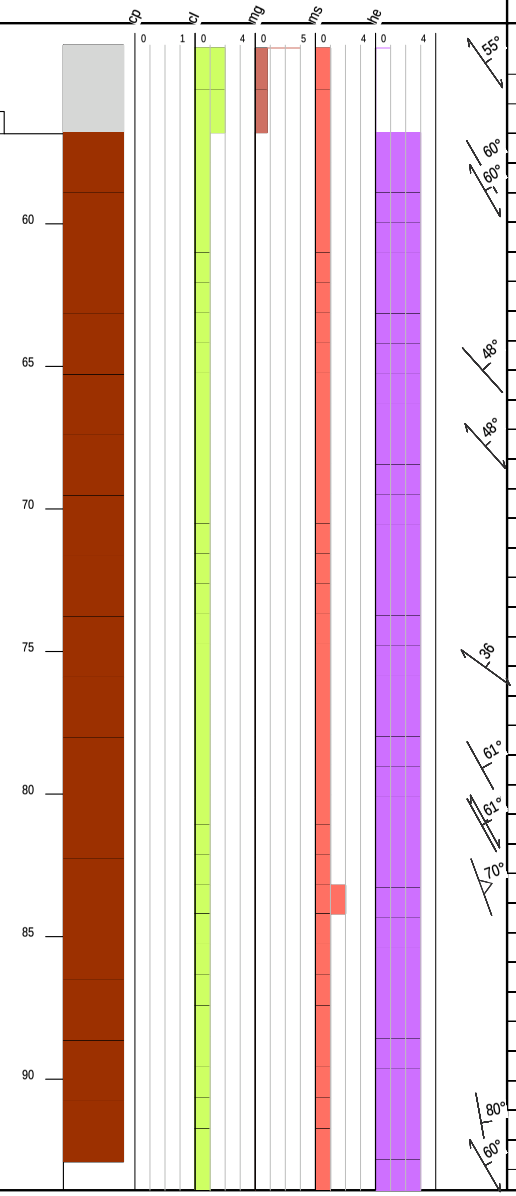
From	To	Rocktype & Description
56.80	103.52	slts

Light green, thinly to finely laminated. The lower contact is sharp and defined by strong shearing and a sharp increase in chlorite alteration and Qz, plagioclase hematite clasts.
< @ 103.52 lower contact lower contact 75° >

Bedding is generally discernible throughout but has been disrupted by late stage (?) shearing. Minor ptygmatic folding of granular hematite veins in zones of shearing. Moderately weathered fault zone at 93.05-93.25m.
< @ 57.90 Bedding 60° >
< @ 58.00 S1 Foliation 60° >
< @ 67.71 Bedding 48° >
< @ 67.75 S1 Foliation 48.00° >
< @ 80.93 Bedding 61.00° >
< @ 80.93 S1 Foliation 61.00° >
< @ 80.93 Bedding 61.00° >
< @ 91.50 Bedding 80.00° >
< @ 91.50 S1 Foliation 60.00° >

The entire unit is moderate to strongly sericite altered with weak to moderate chlorite alteration depending on proximity to weak shearing. Unit dominatly moderatly chlorite and weak sericite alteration. The top of the unit has very weak hematite alteration overprinting bedding.
« 78.04- 80.89 strongly sheared, CL 3 Shear »
« 83.20- 84.20 Shearing, CL 3 shearing 37°»
< @ 75.51 Jointing S2 Foliation 36 >
« 101.90- 102.11 fault FLTG »
« Chlorite 1.00*»
« Sericite 2.00*»

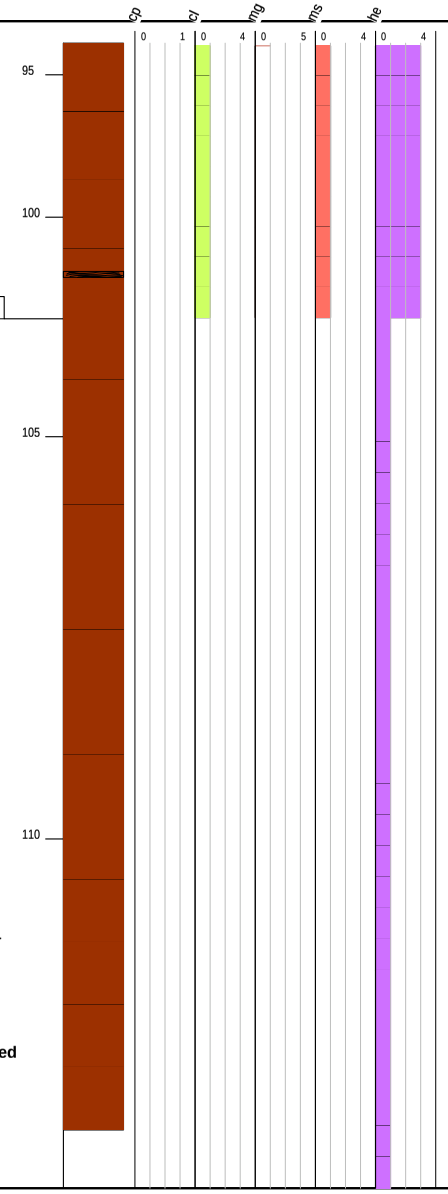
Fine grained disseminated magnetite/haematite over-prints foliation and bedding.
« mg 0.01%»
« 56.80- 103.52 Hematite 3.00%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
56.80	59.00	2.20	845176	0.005	0.04	3	3.2	0.96
59.00	60.00	1.00	845177	-0.005	0.04	3	3.3	1.11
60.00	61.00	1.00	845178	-0.005	0.04	4	3.0	1.43
61.00	62.87	1.87	845179	-0.005	0.05	2	2.9	1.26
62.87	64.00	1.13	845181	-0.005	0.03	2	3.4	1.88
64.00	65.00	1.00	845182	-0.005	0.04	2	3.0	1.61
65.00	67.00	2.00	845183	-0.005	0.02	3	3.3	1.22
67.00	69.00	2.00	845184	-0.005	0.02	4	3.4	1.30
69.00	71.00	2.00	845185	-0.005	0.03	3	3.5	1.16
71.00	73.00	2.00	845186	-0.005	0.08	3	3.5	1.15
73.00	74.00	1.00	845187	-0.005	0.02	4	5.3	1.69
74.00	74.59	0.59	845188	-0.005	-0.01	1	3.8	1.77
74.59	75.20	0.61	845189	-0.005	0.02	10	1.5	5.07
75.20	77.00	1.80	845190	-0.005	-0.01	1	3.7	1.39
77.00	79.00	2.00	845192	-0.005	-0.01	1	4.2	0.97
79.00	81.22	2.22	845193	-0.005	0.01	4	4.2	1.10
81.22	81.42	0.20	845194	-0.005	-0.01	10	4.1	0.77
81.42	82.00	0.58	845195	-0.005	-0.01	6	3.7	0.78
82.00	83.18	1.18	845196	-0.005	-0.01	2	3.0	0.54
83.18	85.38	2.20	845197	0.049	0.01	22	5.0	1.97
85.38	86.00	0.62	845198	-0.005	-0.01	2	2.9	0.38
86.00	88.00	2.00	845199	-0.005	-0.01	3	3.1	0.51
88.00	90.00	2.00	845200	-0.005	0.01	2	2.5	0.37
90.00	92.00	2.00	845201	-0.005	0.03	3	2.9	0.40
92.00	93.05	1.05	845202	-0.005	0.01	9	3.5	0.80
93.05	93.25	0.20	845203	0.007	0.04	91	15.0	39.50
93.25	95.00	1.75	845204	-0.005	-0.01	4	2.6	0.55
95.00	97.00	2.00	845205	-0.005	0.01	1	3.2	0.40
97.00	99.00	2.00	845206	-0.005	-0.01	3	2.4	0.32
99.00	99.67	0.67	845207	-0.005	0.06	4	2.9	0.40
99.67	99.81	0.14	845208	-0.005	0.07	11	2.6	1.45
99.81	101.90	2.09	845209	-0.005	0.04	8	5.4	0.30
101.90	102.11	0.21	845210	-0.005	0.12	20	3.2	0.45
102.11	103.00	0.89	845211	-0.005	0.02	12	3.2	0.39
103.00	103.52	0.52	845212	-0.005	0.01	6	2.9	0.35

Project: Werneckes **Hole Number:** FW07-03

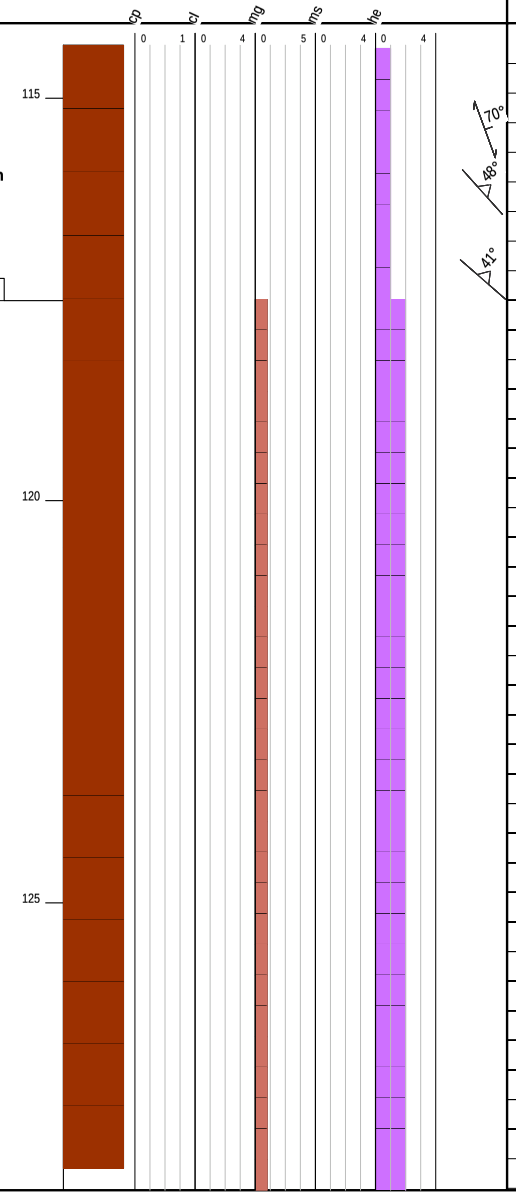
From	To	Rocktype & Description
		Quarts veins with varying amounts of magnetite and granular crystals of hematite typically 2-10mm wide with sharp margins and no increase in chlorite alteration along margins. Veins cross cut foliation and bedding, vein density is 3 veins per meter. There are trace secondary sphalerite diffuse wisps and 3mm cubes mobilized along with 1-5mm Quartz veins. < @ 101.90 HE, QZ 60< @ 83.20 >° < @ 83.20 qz, trace Sphalerite vein 70.00° 1.00cm >
103.52	117.50	slts
		Siltstone: Very strongly sheared and brecciated with quartz, pink plagioclase clasts. The lower contact is gradational and defined by the decrease in quartz, pink plagioclase blebs and chlorite alteration. < @ 117.50 lower contact lower contact 67° > Foliation is moderately well developed outboard of shear zone. < @ 115.38 Bedding 70° > < @ 115.38 S1 Foliation 70° > Foliation and bedding are obliterated as well as any other primary features and early veining. < @ 116.12 he, mg, Chlorite vein 48° > Alteration is very strong in sheared zones 103.52-113.66m. « 103.52- 113.66 Sericite 4, Chlorite 2 shear » « pf, he, Quartz sheared vein 20%» < @ 108.45 S2 Foliation 50.00° > < @ 111.00 S2 Foliation 28.00° > Breccia clasts are 1-30mm milky quartz, pink plagioclase quartz clasts. Breccia clasts are irregular with moderately frayed edges. The breccia is matrix supported, matrix is composed of sericite and chlorite. Outboard of the shear zone bedding and primary features are preserved. Fine-grained magnetite lamina (3mm) parallel to bedding are found in un-sheared zones, secondary fine grained to granular disseminated magnetite / hematite over prints foliation and bedding. Quartz veins with minor magnetite / hematite and clotted chlorite are sub-parallel to foliation and bedding and are disrupted by joints and micro faults.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
103.52	105.00	1.48	845214	-0.005	0.01	2	3.0	0.48
105.00	106.00	1.00	845216	-0.005	0.08	4	3.3	2.13
106.00	107.00	1.00	845217	-0.005	0.01	3	2.5	0.68
107.00	108.00	1.00	845218	-0.005	-0.01	3	2.5	0.59
108.00	109.00	1.00	845219	-0.005	0.01	1	2.9	0.55
109.00	110.00	1.00	845220	-0.005	-0.01	1	3.0	0.65
110.00	111.00	1.00	845221	-0.005	-0.01	2	2.6	0.48
111.00	112.00	1.00	845222	-0.005	-0.01	2	3.2	0.49
112.00	113.00	1.00	845223	-0.005	-0.01	1	2.8	0.67
113.00	113.66	0.66	845224	-0.005	-0.01	1	2.4	0.25
113.66	114.00	0.34	845225	-0.005	0.01	2	1.5	0.29
114.00	115.00	1.00	845226	-0.005	-0.01	2	2.0	0.25
115.00	116.00	1.00	845227	-0.005	0.02	4	1.5	0.28
116.00	116.50	0.50	845228	-0.005	0.02	3	2.6	0.21
116.50	117.50	1.00	845229	-0.005	0.01	2	1.5	0.26

Project: Werneckes **Hole Number:** FW07-03

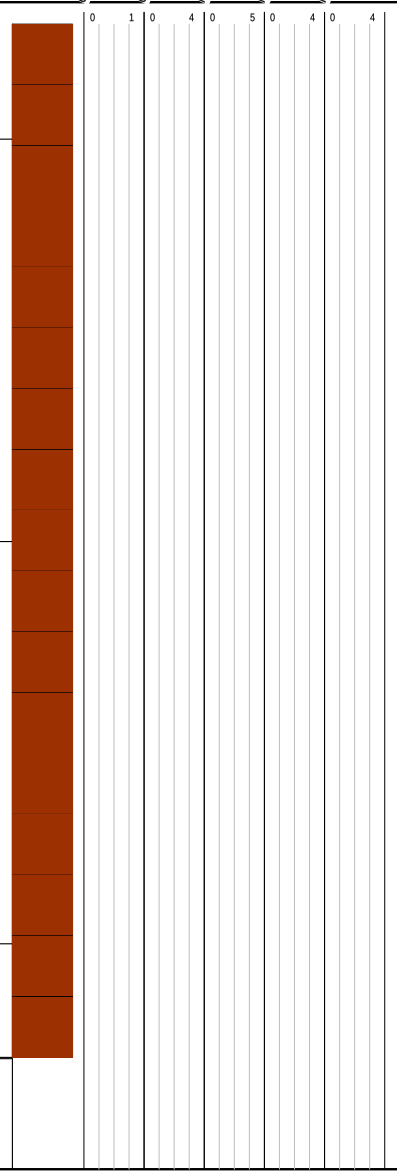
From	To	Rocktype & Description
		< @ 116.12 qz, Chlorite vein 41° >
		< @ 114.35 Fault 48.00° >
		< @ 116.12 S2 Foliation 55.00° >
		Mineralization is composed of granular hematite and minor magnetite hosted in quarts veined. Trace amounts of manganese. Trace sphalerite.
		« Hematite 1.00%»
		« Sphalerite 0.01%» wisps 1-2mm
117.50	155.45	slts
		Light green, moderate shearing and faulting. Moderately strong quartz veins. Lower contact is the EOH.
		« 138.00- 142.00 weathered, moderatly SLTS 2.00»
		Bedding is generally discernible throughout but has been disrupted by late stage(?) faulting.
		< @ 126.27 Bedding 85.00° >
		< @ 126.37 S1 Foliation 85.00° >
		< @ 130.50 Bedding 80.00° >
		< @ 130.55 S1 Foliation 80.00° >
		< @ 135.01 Bedding 85.00° >
		< @ 135.05 S1 Foliation 85.00° >
		Faults:
		« 134.54- 133.04 slts FLTG 80°»
		« 142.10- 142.56 slts FLTG 80°»
		« 151.09- 155.15 slts FLTG 36°»
		< @ 153.26 fault FLTG 80.00° >
		« 147.93- 148.59 slts, fault gouge and clays FLTG »
		In areas of less disturbed core, joint plains are smooth to rough and cross cut bedding, foliation. Foliation is moderately well developed and is concordant to bedding.
		< @ 142.00 S2 Foliation 55.00° >
		The entire unit has moderate to strong sericite alteration with weak to moderate chlorite alteration depending on proximity to faulting. Fine grained disseminated magnetite/hematite over-prints foliation and bedding.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
117.50	119.00	1.50	845230	-0.005	0.04	4	2.0	0.21
119.00	121.00	2.00	845231	-0.005	0.07	5	1.8	0.32
121.00	123.00	2.00	845233	-0.005	0.01	2	2.1	0.31
123.00	125.00	2.00	845234	-0.005	0.01	4	2.4	0.46
125.00	127.00	2.00	845235	-0.005	0.01	4	2.5	0.43
127.00	129.00	2.00	845236	-0.005	0.02	7	3.1	0.33
129.00	130.04	1.04	845237	-0.005	0.02	8	2.9	0.87
130.04	132.00	1.96	845238	-0.005	0.02	6	2.5	0.22
132.00	132.54	0.54	845239	-0.005	0.11	25	2.2	0.90
132.54	133.04	0.50	845240	-0.005	0.16	17	3.1	0.87
133.04	135.00	1.96	845241	-0.005	0.03	19	3.1	1.13
135.00	137.00	2.00	845242	-0.005	0.02	10	2.8	0.96
137.00	138.48	1.48	845243	-0.005	0.02	16	2.7	0.71
138.48	138.68	0.20	845244	-0.005	0.03	15	3.6	6.13
138.68	140.00	1.32	845246	-0.005	0.06	45	6.4	1.46
140.00	142.10	2.10	845247	-0.005	0.05	27	3.8	1.17
142.10	142.56	0.46	845248	-0.005	0.06	41	7.6	1.52
142.56	144.00	1.44	845249	-0.005	0.03	14	2.9	1.89
144.00	146.00	2.00	845250	-0.005	0.02	9	2.6	0.69
146.00	147.93	1.93	845251	-0.005	0.03	9	2.6	0.22
147.93	148.59	0.66	845252	-0.005	0.04	109	5.0	2.10
148.59	149.00	0.41	845253	-0.005	0.01	13	3.6	0.68
149.00	150.88	1.88	845254	-0.005	0.06	16	3.5	0.90
150.88	152.00	1.12	845255	-0.005	0.03	12	2.5	0.51
152.00	153.26	1.26	845256	-0.005	0.05	13	1.7	0.54
153.26	153.58	0.32	845257	-0.005	-0.01	15	3.4	0.41
153.58	154.09	0.51	845258	-0.005	0.04	48	5.8	2.01
154.09	155.15	1.06	845259	-0.005	0.04	10	7.5	1.86
155.15	155.45	0.30	845260	-0.005	0.02	5	4.3	0.60

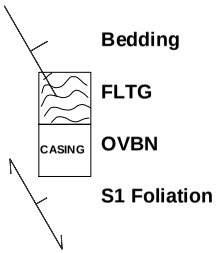
Project: Werneckes **Hole Number:** FW07-03

From	To	Rocktype & Description
		« Sericite 2.00*»
		« Chlorite 1.00*»
		« 117.50- 155.45 Hematite 2.00%»
		« mg 1.00%»
		Fine grained disseminated magnitite/hemitite over printing bedding. Veins of quarts have varying amounts of minor magnetite and hematite; veins are typically 2-20mm wide with well-developed margins and 3mm envelopes of moderately strong chlorite alteration, one vein per 50cm. There are minor amounts of fe-carbonate throughout generally along the margins of the QZ veinlets. Sub-parallel Veins cross cutting bedding and foliation.
		< @ 129.64 qz, cb, Chlorite vein 80° 12 >
		« 129.00- 130.04 qz, he, cb,cl vein 80.00°»
		< @ 126.27 glassy qz, carbonate (ankerite?) vein 85.00° >
		« 138.48- 138.68 pf, he,qz 80.00°»
		Veins pinch and swell and are generally discontinues. Trace manganese patches and ovals on fracture and foliation plains.
		« Manganite 0.01%»
		Trace amounts of sphalerite and pyrite blebs (1-5mm) associated with quarts veins.
		« Sphalerite 0.01%»
		« Pyrite 0.01%» trace within
		EOH
0.00	0.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend

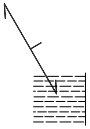


Bedding

FLTG

OVBN

S1 Foliation



S2 Foliation

SLTS

shl

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1232.0
Hole FW07-04	**Azimuth (º):** 100
Location: 7211834 m North, 527567 m East	**Dip (º):** -70.0
Logged by: N.Mitchell	**Length (m):** 206.65
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/03 **Date Completed:** 2007/08/07	
Dip Tests By: Reflex	
Objective	

Summary Log:

0 -5.05 m CASING

5.05 - 206.65 m PHYLLITE (ph): Light green, thinly laminated, foliation is moderately well developed and is parallel to bedding, foliation and bedding are disrupted by later QZ and hematitic plagioclase veining with minor iron carbonate veinlets and blebs generally along the margins of the veins. Fine grained crystals of specular hematite and magnetite over-print foliation.

Alteration:
MS, CL +/- CB

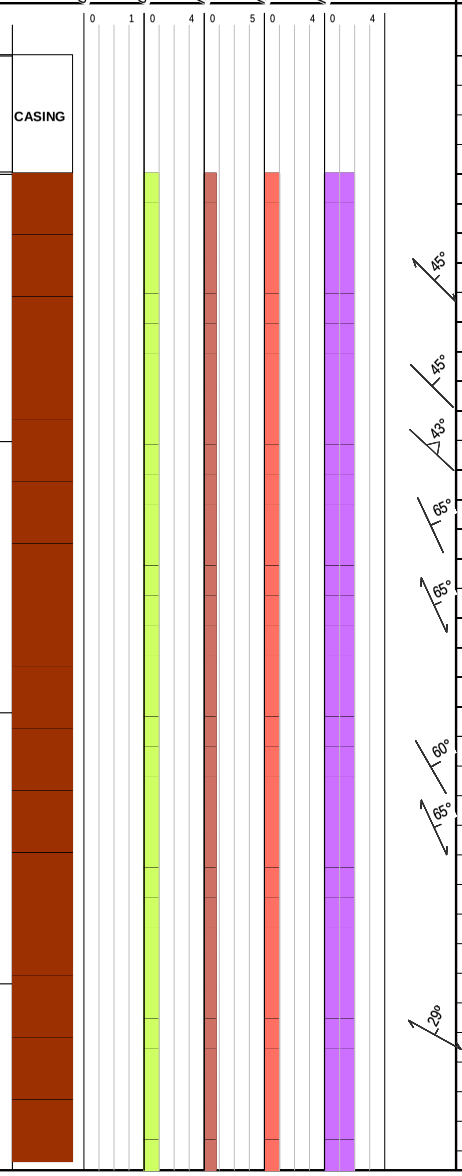
VEINING:
"Pink" hematite dusted plagioclase (75%), quartz (25%) with irregular blebs of magnetite and acicular crystals of secular hematite.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	100.00
0.00	-70.00	100.00
10.00	-70.00	100.00
10.00	-70.00	100.00
80.00	-68.60	100.00
80.00	-68.60	108.00
140.00	-67.00	100.00
140.00	-67.00	106.00
200.00	-67.00	100.00
200.00	-67.00	106.00

Project: Werneckes **Hole Number:** FW07-04

From	To	Rocktype & Description
0.00	5.05	OVBN Casing, no recovery.
5.05	31.25	slts Siltstone, thinly to finely laminated with alternating graphite rich layers. Unit is competent and only slightly sheared and faulted. Unit is not weathered. Lower contact is defined by the absence of pink, quartz, plagioclase, hematite veining. < @ 31.25 Lower contact contact 70° > Bedding is clearly visible and is parallel to a well-defined foliation. The unit has graphitic Siltstone interbeds, 1-3 mm wide hosted in a slightly cleaner Siltstone. 1-3mm fine-grained granular lamina of hematite, with minor magnetite, one lamina per 20cm. Both foliation and bedding are cross cut by minor shears and Joints at steep angles TCA. Both the shear and minor faulting events, mm-scale offset. < @ 8.85 S1 Foliation 45.00° > < @ 8.90 Bedding 45.00° > < @ 13.00 Bedding 65.00° > < @ 13.00 S1 Foliation 65.00° > < @ 15.95 Bedding 60.00° > < @ 16.00 S1 Foliation 65.00° > < @ 24.39 Bedding 70.00° > < @ 24.30 S1 Foliation 70.00° > < @ 20.91 S2 Foliation 29.00° > Unit has four veins listed below composed of quartz, pink plagioclase with fine grained to acicular (1-3 mm) euhedral hematite. Veins have brecciated contacts; clasts of host rock are silicified with weak chlorite alteration and are not rotated. « 10.38- 11.08 Quartz 80%, Plagioclase 15%, Hematite 5% QZVN » « 15.51- 15.76 Quartz 80%, Plagioclase 15%, Hematite 5% QZVN 50.00°» « 21.12- 21.86 Quartz 80%, Plagioclase 15%, Hematite 5% QZVN » « 27.12- 27.57 Quartz 80%, Plagioclase 15%, Hematite 5% QZVN 50.00°» Veins of quartz, trace pyrite, with acicular 2-5 mm crystals of hematite. No cross cutting relation with the above mentioned veins is observable, these

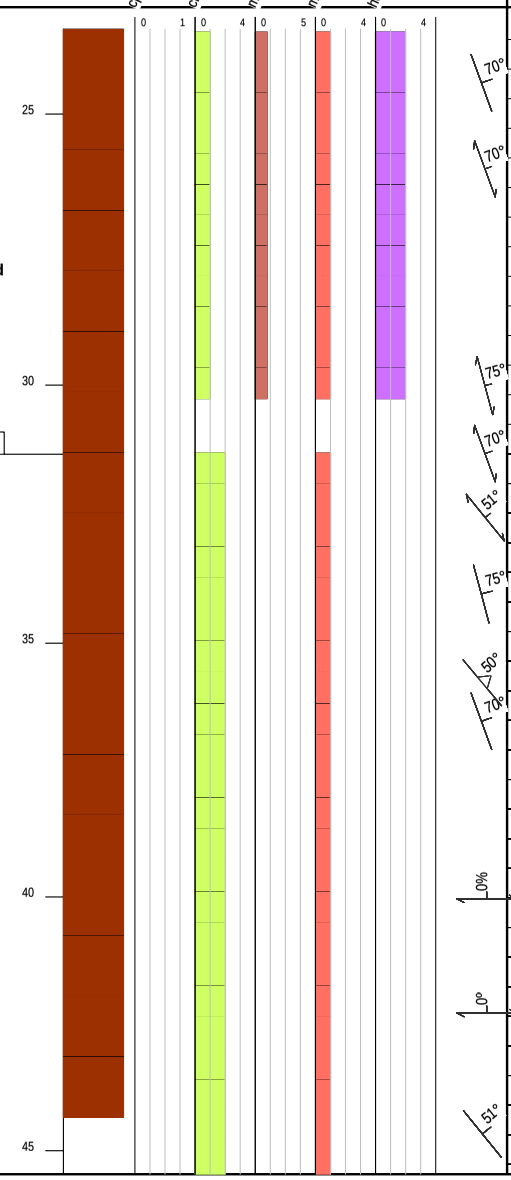


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
5.05	6.00	0.95	845261	-0.005	0.02	14	3.6	0.90
6.00	8.00	2.00	845262	-0.005	0.05	3	3.4	0.32
8.00	10.00	2.00	845263	-0.005	0.05	15	3.3	0.96
10.00	10.38	0.38	845265	0.006	0.02	33	5.5	3.35
10.38	11.08	0.70	845266	-0.005	0.04	36	2.7	1.82
11.08	13.00	1.92	845267	-0.005	0.01	11	2.2	0.51
13.00	15.00	2.00	845268	-0.005	0.02	4	2.0	0.52
15.00	15.51	0.51	845270	-0.005	0.04	6	2.3	1.81
15.51	15.76	0.25	845271	-0.005	0.09	14	0.7	1.04
15.76	17.00	1.24	845272	-0.005	0.09	10	1.8	0.59
17.00	19.00	2.00	845273	-0.005	0.04	5	2.3	0.54
19.00	20.00	1.00	845274	-0.005	0.05	8	2.7	0.35
20.00	21.12	1.12	845275	-0.005	0.05	4	1.6	0.33
21.12	21.86	0.74	845276	-0.005	0.07	15	1.2	0.38
21.86	23.00	1.14	845277	-0.005	0.03	3	1.6	0.36
23.00	25.00	2.00	845278	-0.005	-0.01	2	1.7	0.48
25.00	27.12	2.12	845279	-0.005	0.03	3	1.9	0.57
27.12	27.57	0.45	845280	-0.005	0.05	2	2.3	1.25
27.57	29.00	1.43	845281	-0.005	0.03	9	2.1	0.98
29.00	31.25	2.25	845283	-0.005	0.01	9	2.3	0.75

45° 45° 43° 65° 65° 60° 65° 29°

Project: Werneckes **Hole Number:** FW07-04

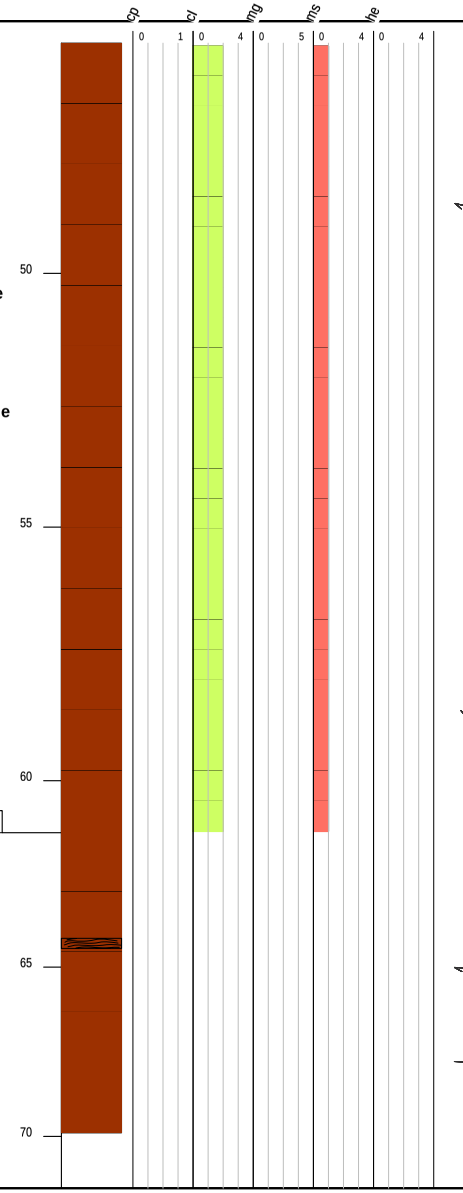
From	To	Rocktype & Description
		veins are later and sometimes heal joints and fractures. < @ 10.08 healing joint Quartz 43.00° > Unit has weak chlorite and sericite alteration. Veins have strong chlorite alteration along margins « 5.05- 30.25 Chlorite 1» « Sericite 1.00*» Mineralization is composed of hematite, minor magnetite and trace pyrite found in quartz veins. « mg 1.00%» « Hematite 2.00%» « Pyrite 0.01%»
31.25	61.00	slts Siltstone: Light green, thinly to finely laminated. With minor interbeds of finely laminated weakly graphitic SLTS, 20% of total unit. The unit is moderatly broken, sheared and faulted. The lower contact is defined by a decrease in graphite and is less broken and sheared. < @ 61.00 lower contact 70° > Foliation is strongly developed (poker chip) and is concordant to bedding. Unit has undergone minor shearing, which are at low angles to TCA. One quarter of joint plans have been infilled with Quartz +/- Hematite veining. < @ 35.25 Bedding 75.00° > < @ 31.25 S1 Foliation 75.00° > < @ 36.50 Bedding 70.00° > < @ 31.25 S1 Foliation 70.00° > < @ 44.60 Bedding 51.00° > < @ 31.25 S1 Foliation 51.00° > < @ 57.00 S1 Foliation 50.00° > < @ 57.00 Bedding 50.00° > < @ 42.25 S2 Foliation > < @ 48.72 S2 Foliation 13.00° > The entire unit is moderately chloritized with weak sericite alteration.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
31.25	32.00	0.75	845284	-0.005	0.03	9	2.9	0.95
32.00	34.00	2.00	845285	-0.005	0.02	21	3.5	0.56
34.00	35.56	1.56	845286	-0.005	0.05	21	2.9	0.83
35.56	35.83	0.27	845287	0.010	0.01	28	1.6	0.66
35.83	37.00	1.17	845288	-0.005	0.02	5	2.2	0.62
37.00	38.00	1.00	845289	-0.005	0.03	8	2.5	0.54
38.00	39.56	1.56	845290	0.050	0.02	4	3.5	0.64
39.56	39.82	0.26	845291	-0.005	0.02	7	2.7	0.63
39.82	41.00	1.18	845292	-0.005	0.03	4	3.3	0.86
41.00	42.00	1.00	845293	0.005	0.02	3	4.3	1.85
42.00	42.53	0.53	845295	0.005	0.13	13	6.3	5.15
42.53	43.70	1.17	845296	-0.005	0.04	12	5.3	2.40
43.70	44.60	0.90	845297	-0.005	0.02	3	2.9	1.27
44.60	45.65	1.05	845298	-0.005	0.02	12	2.6	0.77
45.65	47.00	1.35	845299	-0.005	0.05	10	4.3	0.97
47.00	48.49	1.49	845300	0.005	0.01	32	3.6	0.94
48.49	48.72	0.23	845301	0.005	0.05	35	3.9	1.82
48.72	50.00	1.28	845302	-0.005	0.06	74	5.1	1.39
50.00	51.21	1.21	845303	0.006	0.01	31	4.7	1.46
51.21	53.00	1.79	845304	0.008	-0.01	10	4.2	1.29
53.00	54.25	1.25	845305	0.007	0.01	17	4.8	4.27
54.25	56.00	1.75	845306	0.005	-0.01	15	3.7	0.98
56.00	58.00	2.00	845307	-0.005	-0.01	9	4.1	0.72
58.00	58.32	0.32	845308	-0.005	-0.01	58	3.7	1.12
58.32	59.78	1.46	845309	-0.005	0.01	79	2.9	1.10

Project: Werneckes **Hole Number:** FW07-04

From	To	Rocktype & Description
		Alteration is not evident in graphitic interbeds. Chlorite alteration increases along the margins of quartz veins larger than 5cm to intense, chlorite alteration also increases in and along the margins of shear structures and joints « Chlorite 2.00*» « Sericite 1.00*»
		Pervasive fine-grained magnetite lamina (1-2mm) with secondary fine grained disseminated magnitite/hemitite over printing bedding and foliation. Lamina are concordant to bedding and foliation. < @ 40.00 Hematite lamina, 0.5% of total unit S1 Foliation >
		Quartz veins with varying amounts of magnetite, hematite typically 2-20mm wide with well defined margins , one vein per meter. Hematite and magnitite is generaly granular to massive irregular blebs. Veins seem to be later and sometimes heal joints and fractures. There are minor clasts of host rock incorporated in larger veins which have been strongly chloritized. < @ 35.71 qz, he, mg vein 50.00° > « 44.60- 45.70 granular, qz, 97%, Hematite 2%, mg 1% QZVN » « 48.49- 48.72 Quartz 97%, he, 2 %, mg 1% QZVN »
61.00	110.81	slts
		Light green, thinly to finely laminated. The lower contact is sharp and defined by an appearance of QZ, hematitic plagioclase, hematite veining. Pervasive fine-grained magnetite lamina (3mm) with secondary fine grained disseminated magnetite /hematite parallel to bedding. < @ 61.00 Lower contact Lower contact 70.00° > Bedding is generally discernible throughout but has been disrupted by fractures, jointing and veinlets of MG, HE and QZ. The upper portion of the section is broken and blocky due to faulting and jointing 79.42-90.67m. « 64.15- 64.45 FLTG 80.00°» < @ 78.76 FAULT GOUGE, SLTS, QZ Fault 0° 10.00cm > « 87.48- 87.68 gouge clays FLTG 67.00°»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
59.78	61.00	1.22	845310	-0.005	-0.01	12	3.0	0.51
61.00	63.00	2.00	845311	-0.005	-0.01	4	3.4	1.52
63.00	64.15	1.15	845312	-0.005	0.02	3	3.0	1.06
64.15	64.45	0.30	845313	-0.005	0.07	17	3.6	1.17
64.45	66.00	1.55	845314	-0.005	0.02	7	3.4	1.15
66.00	66.93	0.93	845315	0.009	0.01	12	3.4	0.78
66.93	68.93	2.00	845316	-0.005	0.06	77	3.0	1.09
68.93	70.93	2.00	845317	-0.005	0.04	12	3.1	0.92
70.93	72.54	1.61	845318	-0.005	0.02	4	3.2	0.36
72.54	73.36	0.82	845319	-0.005	0.04	12	3.2	0.49
73.36	73.53	0.17	845320	-0.005	0.05	5	4.4	0.84
73.53	75.53	2.00	845321	-0.005	0.03	1	3.3	0.51
75.53	77.53	2.00	845323	-0.005	0.07	3	3.4	0.63
77.53	79.07	1.54	845324	-0.005	0.04	14	3.2	0.78

Project: Werneckes **Hole Number:** FW07-04

From	To	Rocktype & Description

< @ 101.00 clays, gouge Fault 56.00° >
« 94.04- 94.68 FLTG 60.00°»
< @ 99.61 S2 Foliation 1.00° >
< @ 67.86 S2 Foliation 3.00° > Heald with QZ and minor crystaline HE with minor MG.

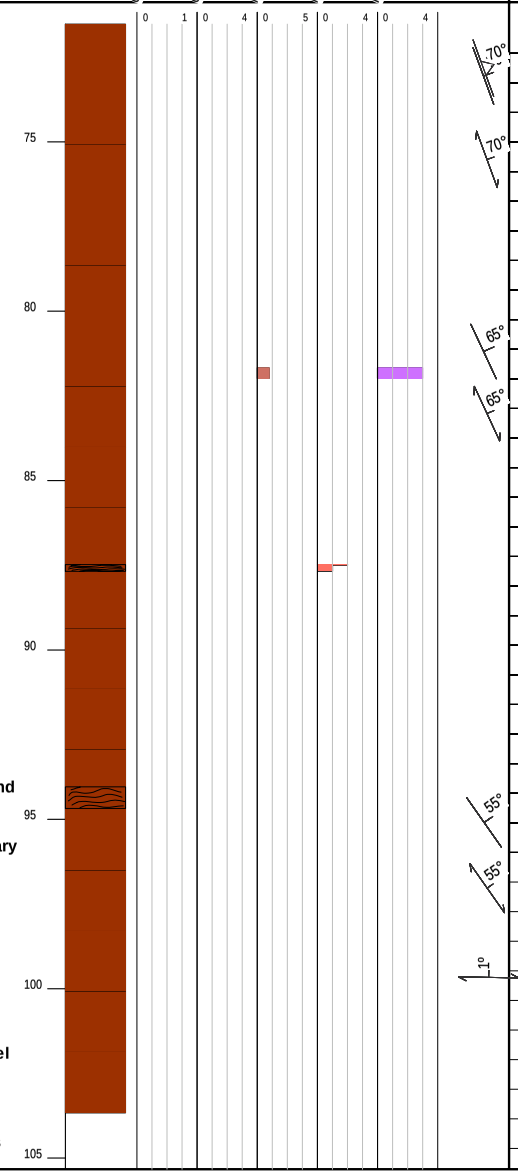
Foliation is strongly developed (outlined below) and is parallel to bedding. The unit is broken partly poker chip cleavage. Foliation plains are smooth to stepped depending on amount of local silicification and shearing/faulting.
< @ 73.00 Bedding 70.00° >
< @ 73.00 S1 Foliation 70.00° >
< @ 81.12 Bedding 65.00° >
< @ 81.15 S1 Foliation 65.00° >
< @ 98.80 Bedding 55.00° >
< @ 98.85 S1 Foliation 55.00° >

The entire unit is weakly to moderately chlorite altered with secondary weak sericite alteration. There are minor amounts of fe-carbonate throughout generally along the margins of the Quartz veinlets. Chlorite alteration increases along the margins of quartz veins larger than 5cm to intense, chlorite alteration also increases in and along the margins of shear and fault zones.
« Sericite 2.00*»
« Sericite 1.00*»

Quarts veins with varying amounts of granular magnetite blebs of magnetite and euherdral crystals of hematite 5-30mm wide with well-developed margins and 1-30mm envelopes of moderately strong chlorite alteration with minor secondary Fe-carbonate. Vein density is 3 veins per meter.
< @ 67.67 Heaed with QZ and minor crystaline HE with minor MG. VEIN 3° >
< @ 72.77 qz, strong chloritic alteration in and along margins 70° 12cm >
« 81.67- 81.98 .qlassy qz, blebs of he, minor mg QZVN »

Later blebs and stringers of glassy quartz are sporadically spaced through out the unit, 1-5mm wide, one per two meters and are generaly oriented sub-parallel to foliation.

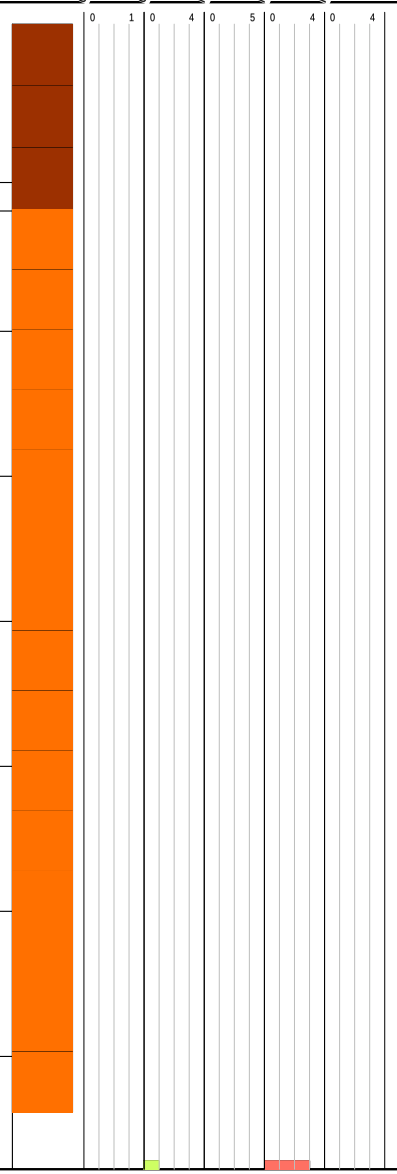
Mineralization is dominantly hematite and minor accessory magnetite. There is



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
79.07	79.30	0.23	845325	-0.005	0.09	23	3.2	1.67
79.30	81.00	1.70	845326	-0.005	0.02	7	3.4	0.95
81.00	81.69	0.69	845327	-0.005	0.03	3	3.4	0.89
81.69	82.00	0.31	845328	0.008	0.09	7	1.9	1.41
82.00	84.00	2.00	845329	-0.005	-0.01	7	4.8	0.90
84.00	84.62	0.62	845330	-0.005	0.01	9	4.8	2.26
84.62	86.62	2.00	845331	-0.005	0.03	9	4.7	2.32
86.62	87.36	0.74	845332	-0.005	0.01	8	3.8	0.49
87.36	87.68	0.32	845333	-0.005	0.10	8	4.3	1.43
87.68	87.90	0.22	845334	-0.005	0.05	4	2.9	0.53
87.90	88.15	0.25	845335	-0.005	0.39	15	3.1	2.60
88.15	88.40	0.25	845337	-0.005	0.09	8	4.1	2.21
88.40	90.40	2.00	845338	-0.005	0.09	13	3.3	1.43
90.40	92.00	1.60	845340	-0.005	0.02	5	3.4	1.22
92.00	92.66	0.66	845341	-0.005	0.11	4	4.0	1.11
92.66	92.90	0.24	845342	-0.005	0.04	3	2.0	1.84
92.90	94.04	1.14	845343	-0.005	-0.01	6	3.6	0.76
94.04	94.68	0.64	845344	-0.005	0.01	16	4.2	0.69
94.68	97.00	2.32	845345	-0.005	0.03	11	3.6	0.62
97.00	99.00	2.00	845346	-0.005	0.01	11	4.0	0.58
99.00	100.10	1.10	845347	-0.005	0.01	6	3.9	0.75
100.10	100.30	0.20	845348	-0.005	0.02	8	5.3	1.47
100.30	102.30	2.00	845349	-0.005	0.03	5	3.2	0.65
102.30	104.30	2.00	845350	0.018	-0.01	5	3.8	0.95
104.30	106.40	2.10	845351	-0.005	0.06	5	3.1	0.65
106.40	108.40	2.00	845352	-0.005	0.01	4	3.4	0.73
108.40	110.40	2.00	845353	-0.005	-0.01	3	2.7	0.79
110.40	110.81	0.41	845354	-0.005	0.03	2	2.6	0.60

Project: Werneckes **Hole Number:** FW07-04

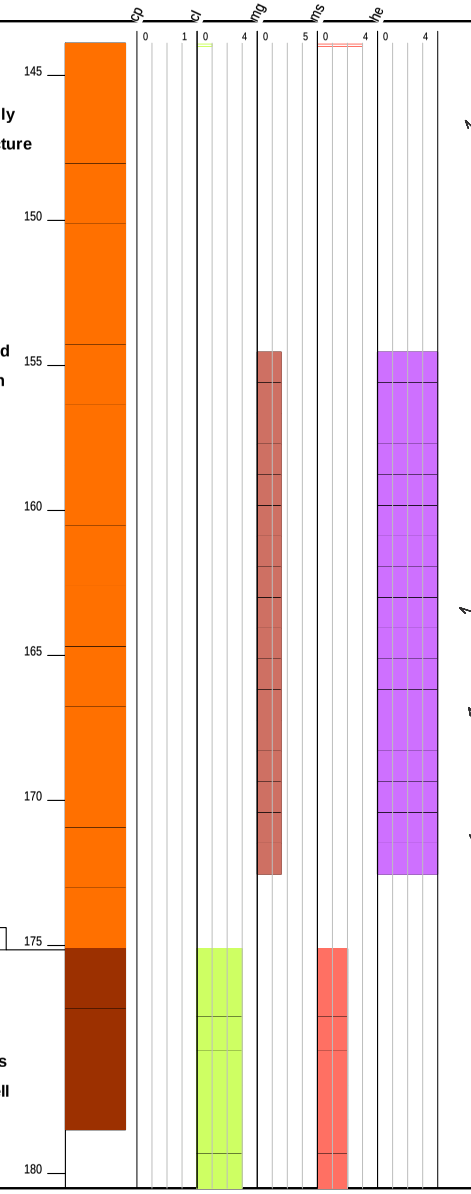
From	To	Rocktype & Description
		trace chalcopyrite and malachite along foliation noted at one location (69.18m). Trace manganese along fracture and foliaction planes. « mg 1.00%» « Hematite 3.00%»
110.81	175.11	ph
		Light green, thinly to finely laminated. The lower contact is gradational and defined by strong chlorite alteration. Quartz pink plagioclase zone with intense sericite chlorite alteration. < @ 175.11 lower contact lower contact 70° >
		Bedding is generally discernible throughout but has been disrupted by late stage (?) shearing. Unit is broken in places due to jointing. Minor ptygmatic folding of quartz and granular hematite veins in zones of shearing. Moderately weathered broken zone at 128.05-130.98m iron oxide along fracture and foliation surfaces. < @ 118.50 Bedding 65.00° > < @ 118.50 Bedding 65.00° > < @ 125.00 Bedding 55.00° > < @ 125.00 S1 Foliation 55.00° > < @ 132.50 Bedding 70.00° > < @ 132.55 S1 Foliation 70.00° >
		The entire unit is moderate to strongly sericite altered with weak to moderate chlorite alteration depending on proximity to faulting. Fine grained disseminated magnetite/hematite over-prints foliation and bedding. There are minor amounts of fe-carbonate throughout, generally along the margins of the Quartz veinlets. « Sericite 3.00*» « Chlorite 1.00*» « carbonate (ankerite?) 0.01*»
		Veins cross cut foliation and bedding, vein density is 3 veins per meter. There are trace secondary sphalerite diffuse wisps in larger Quartz veins. Larger quartz veins have strong chlorite alteration along the margins of the veins.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm	
110.81	112.80	1.99	845355	-0.005	0.01	2	2.9	0.84	
112.80	114.80	2.00	845356	-0.005	0.01	4	2.9	0.98	
114.80	116.80	2.00	845357	-0.005	0.03	3	3.5	0.91	
116.80	118.80	2.00	845358	-0.005	0.03	3	4.1	1.23	
118.80	119.40	0.60	845359	-0.005	0.02	2	4.2	0.84	
119.40	120.56	1.16	845360	-0.005	0.02	5	6.8	2.35	
120.56	122.50	1.94	845361	-0.005	0.01	1	3.2	0.51	
122.50	124.50	2.00	845362	-0.005	0.02	1	3.4	0.52	65°
124.50	126.50	2.00	845363	-0.005	0.12	1	3.3	0.83	
126.50	128.05	1.55	845364	-0.005	0.02	3	3.4	0.86	
128.05	130.05	2.00	845365	-0.005	0.02	2	4.1	1.04	
130.05	131.98	1.93	845366	-0.005	0.12	2	6.1	2.20	55°
131.98	133.50	1.52	845367	-0.005	0.10	21	3.8	1.16	
133.50	135.00	1.50	845368	-0.005	0.06	6	3.5	0.43	55°
135.00	136.35	1.35	845369	-0.005	0.03	8	4.0	0.70	
136.35	138.35	2.00	845370	-0.005	0.02	6	3.9	1.21	
138.35	140.35	2.00	845371	-0.005	0.01	1	2.9	0.28	
140.35	142.00	1.65	845372	-0.005	0.02	2	2.6	0.30	
142.00	143.60	1.60	845373	-0.005	0.05	6	3.6	0.29	
143.60	143.92	0.32	845374	0.005	0.04	32	2.1	0.83	
143.92	145.59	1.67	845375	-0.005	0.02	58	3.8	1.54	
145.59	146.70	1.11	845378	-0.005	0.05	14	2.6	0.54	70°
146.70	147.70	1.00	845379	-0.005	0.02	14	2.7	0.37	
147.70	148.74	1.04	845380	-0.005	-0.01	14	2.8	0.26	70°
148.74	149.74	1.00	845381	-0.005	0.01	35	4.1	0.27	
149.74	150.74	1.00	845382	-0.005	-0.01	43	3.2	0.44	
150.74	152.70	1.96	845383	-0.005	0.01	31	3.0	0.77	
152.70	153.70	1.00	845384	-0.005	-0.01	18	2.6	0.35	55°
153.70	155.29	1.59	845385	-0.005	-0.01	13	2.4	0.22	
155.29	157.30	2.01	845386	-0.005	0.01	16	2.3	0.21	
157.30	159.30	2.00	845387	-0.005	0.07	5	2.1	0.25	55°
159.30	161.30	2.00	845388	-0.005	0.03	9	2.2	0.19	
161.30	163.40	2.10	845390	0.007	0.05	10	1.9	0.19	

Project: Werneckes **Hole Number:** FW07-04

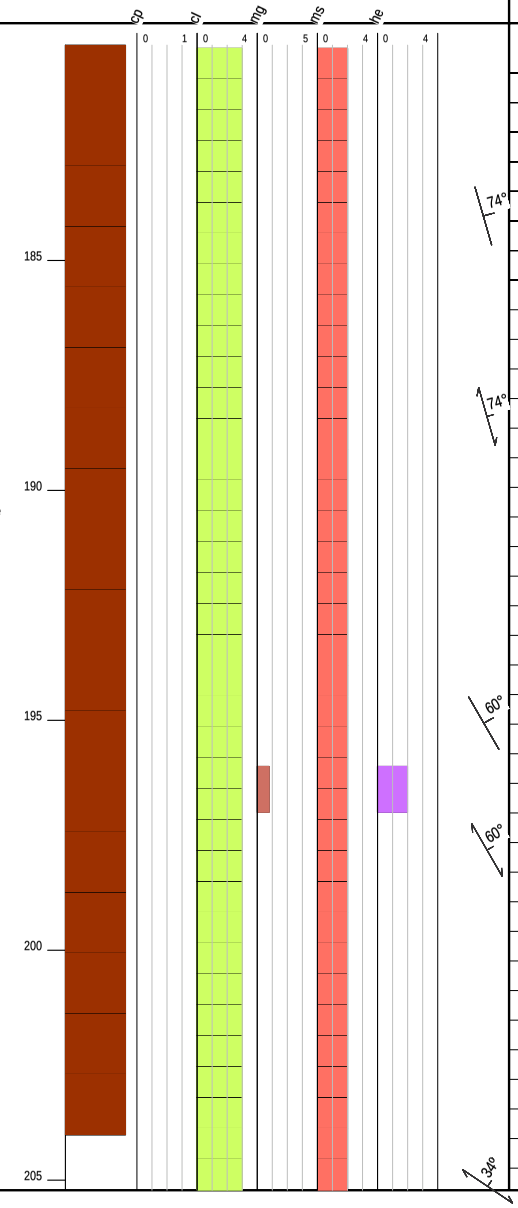
From	To	Rocktype & Description
		Sediment incorporated in large (30-80cm) veins is strongly chloritized. Larger quartz veins have moderate silification along margins, alteration is localized to 20cm envelope. Smaller glassy quartz veins pinch and swell and are generally semi-discontinuous. Trace hematite and manganese patches and ovals on fracture and foliation plains. « 119.40- 120.56 QZ 80%, HE 5%, MG 5%, SP .01%, CL10% QZVN 0°» « 143.60- 143.92 QZ 80%, HE 5%, MG 5%, SP .01%, CL10% QZVN 0°» « Hematite 4.00%» « mg 2.00%» Mineralization is composed of hematite, minor magnetite trace sphalerite found in quarts veins, Trace amounts of manganese. Sub unit is strongly altered with intense sericite and moderate chlorite. Locally, quartz-pink plagioclase veins have been boudinaged forming irregular blobs 1-5cm wide. Shearing is sub-parallel to foliation and bedding. « 154.54- 172.54 Quartz 50%, Plagioclase 30%, Hematite 3%, mg 3%, Chlorite altered slts 14%VN » < @ 147.21 S2 Foliation 43.00° > < @ 147.43 S2 Foliation 67.00° >
175.11	206.65	slts Light green, thinly to finely laminated. Foliation is moderately developed, with the exception of zones of intense veining and in areas (outlined below), which have been sheared. Foliation plans are smooth and stepped. Bedding is disrupted by veining but is moderately well preserved in areas between veining. Very minor localized folding in descreat areas. < @ 142.01 Bedding 55.00° > < @ 142.10 S1 Foliation 55.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
163.40	165.40	2.00	845391	-0.005	0.01	10	1.7	0.27
165.40	167.03	1.63	845392	0.006	-0.01	5	2.0	0.35
167.03	167.60	0.57	845393	-0.005	0.01	31	2.9	2.01
167.60	169.60	2.00	845394	-0.005	0.02	11	2.1	0.63
169.60	171.60	2.00	845395	-0.005	0.06	24	3.3	2.09
171.60	172.54	0.94	845396	-0.005	0.02	11	2.2	0.74
172.54	173.90	1.36	845397	-0.005	0.02	12	2.3	0.55
173.90	175.11	1.21	845398	-0.005	0.02	43	2.5	1.12
175.11	177.11	2.00	845399	-0.005	-0.01	66	3.9	1.86
177.11	179.10	1.99	845400	-0.005	-0.01	28	2.8	0.61
179.10	181.10	2.00	845401	-0.005	-0.01	15	2.3	0.41
181.10	183.10	2.00	845402	-0.005	-0.01	58	2.0	0.43
183.10	185.10	2.00	845403	-0.005	-0.01	16	2.0	0.49
185.10	187.10	2.00	845404	0.019	-0.01	138	2.3	0.42
187.10	189.10	2.00	845405	-0.005	-0.01	33	2.6	0.51
189.10	191.10	2.00	845406	0.005	0.06	474	3.6	1.87
191.10	193.10	2.00	845407	0.005	-0.01	329	2.7	1.05

Project: Werneckes **Hole Number:** FW07-04

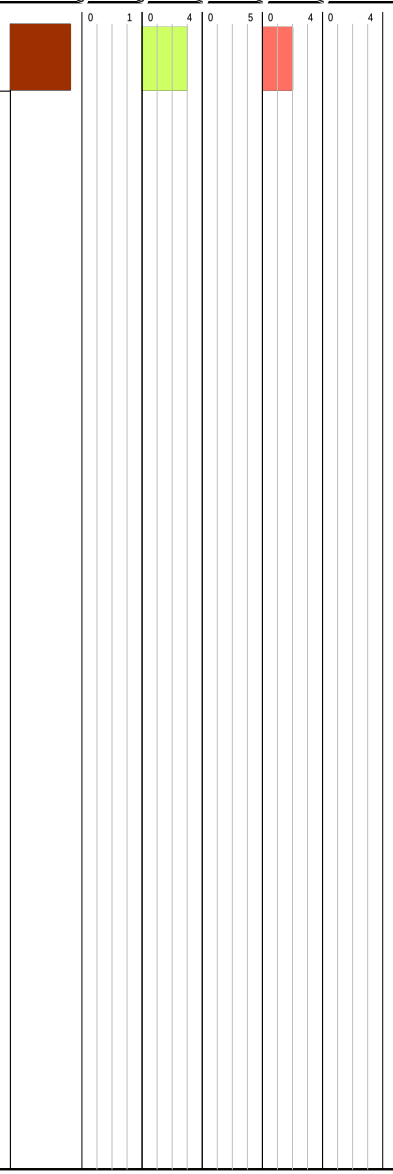
From	To	Rocktype & Description
		< @ 163.61 S2 Foliation 18.00° >
		< @ 167.57 S2 Foliation 52.00° >
		< @ 176.12 Bedding 62.00° > < @ 176.15 S1 Foliation 62.00° >
		< @ 188.37 Bedding 74.00° > < @ 188.38 S1 Foliation 74.00° >
		< @ 197.75 Bedding 60.00° > < @ 197.80 S1 Foliation 60.00° >
		< @ 205.10 S2 Foliation 34.00° >
		Unit has alternating 1-4mm lamina of strong chlorite and sericite alteration, likely due to original composition.
		« Chlorite 3.00*»
		« Sericite 2.00*»
		Fine grained disseminated magnitite/hemitite over printing bedding. Veins of quarts have varying amounts of minor magnetite and hematite; veins are typically 2-20mm wide with well-developed margins and 3mm envelopes of moderately strong chlorite alteration. There are minor amounts of fe-carbonate throughout generally along the margins of the Quartz veinlets or cross cutting bedding and foliation at random angles, later (?). Veins pinch and swell and are generally discontinues.
		Sub-unit outlined below is very strongly Quartz veined (70% of total unit), very strongly folded and sheared. Primary bedding and Foliation is obliterated in areas of most intense veining.
		« 155.24- 161.43 Quartz 90%, Chlorite 8%, fe-cb 2%, Hematite 2%, mg 1% QZVN »
		« 167.68-16827.0 Quartz 90%, Chlorite 8%, fe-cb 2%, Hematite 2%, mg 1% QZVN »
		« 196.00- 197.00 Quartz 90%, Chlorite 8%, fe-cb 2%, Hematite 2%, mg 1% QZVN 30.00°»
		Mineralization,
		« Hematite 2.00%»
		« mg 1.00%»
		Trace manganese patches and ovals on fracture and foliation plains.
		Very minor trace malachite along gjoint planes.
		« 175.11- 206.65 Malachite 0.01%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
193.10	195.10	2.00	845408	0.012	0.02	372	3.4	1.72
195.10	196.00	0.90	845409	-0.005	0.02	29	4.7	2.15
196.00	197.00	1.00	845410	-0.005	0.01	26	3.0	1.32
197.00	199.00	2.00	845411	-0.005	-0.01	26	4.1	0.95
199.00	201.00	2.00	845412	-0.005	0.01	12	3.2	0.78
201.00	203.00	2.00	845413	-0.005	0.06	15	2.8	1.96
203.00	204.98	1.98	845414	-0.005	0.03	7	2.5	0.39
204.98	206.65	1.67	845415	-0.005	0.03	4	2.7	0.49

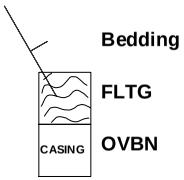
Project: Werneckes **Hole Number:** FW07-04

From	To	Rocktype & Description
		EOH
206.65	206.65	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

FLTG

OVBN

S1 Foliation

S2 Foliation

ph

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1202.0
Hole FW07-05	**Azimuth (º):** 100
Location: 7211774 m North, 527455 m East	**Dip (º):** -55.0
Logged by: D. Baker	**Length (m):** 307.55
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/08 **Date Completed:** 2007/08/13	
Dip Tests By: Reflex	
Objective To test the southern part of the Fireweed U-bearing boulder field.	

Summary Log:

0.0 - 5.79 m CASING

5.79-307.55 m PHYLITE (ph): fine-grained metamorphosed sedimentary rock, grey to light green depending on alteration, not the protolith. Foliation and bedding fabric are prominent with cm-scale banding (bedding) concordant to foliation. Chlorite alteration increases slightly with quartz veining. Unit periodically veined with QZ-HS-CL-MG.

ALTERATION: MS, CL

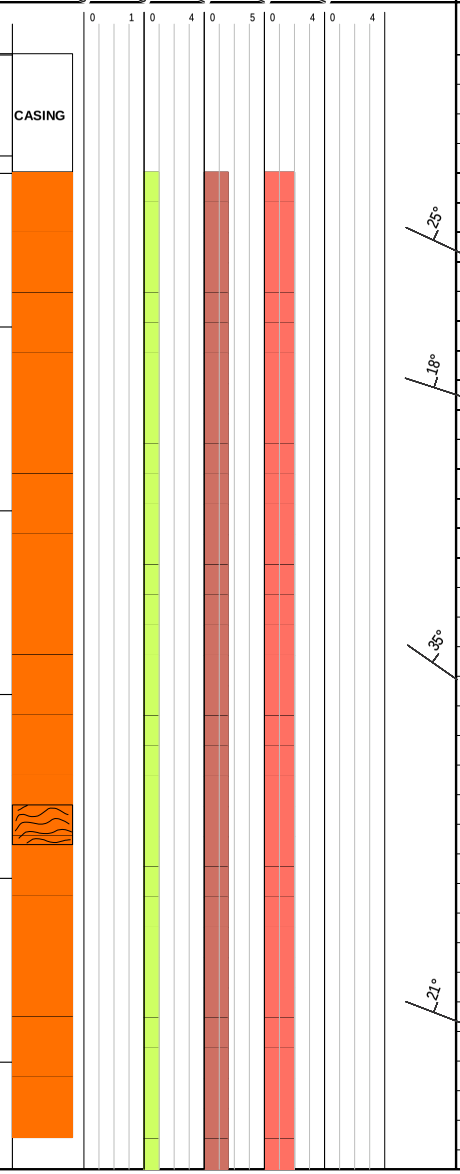
MINERALIZATION: Trace py associated with QZ +/- FP, HS, MG, CL. 2-3% combined hematite magnetite lamina.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-55.00	100.00
0.00	-55.00	100.00
2.00	0.00	0.00
10.00	-55.40	108.70
10.00	-55.40	108.70
60.00	-53.40	112.20
60.00	-53.40	112.20
120.00	-52.30	114.70
120.00	-52.30	114.70
180.00	-51.60	112.80
180.00	-51.60	112.80
240.00	-51.30	117.20
240.00	-51.30	117.20
300.00	-50.70	119.10
300.00	-50.70	119.10

Project: Werneckes **Hole Number:** FW07-05

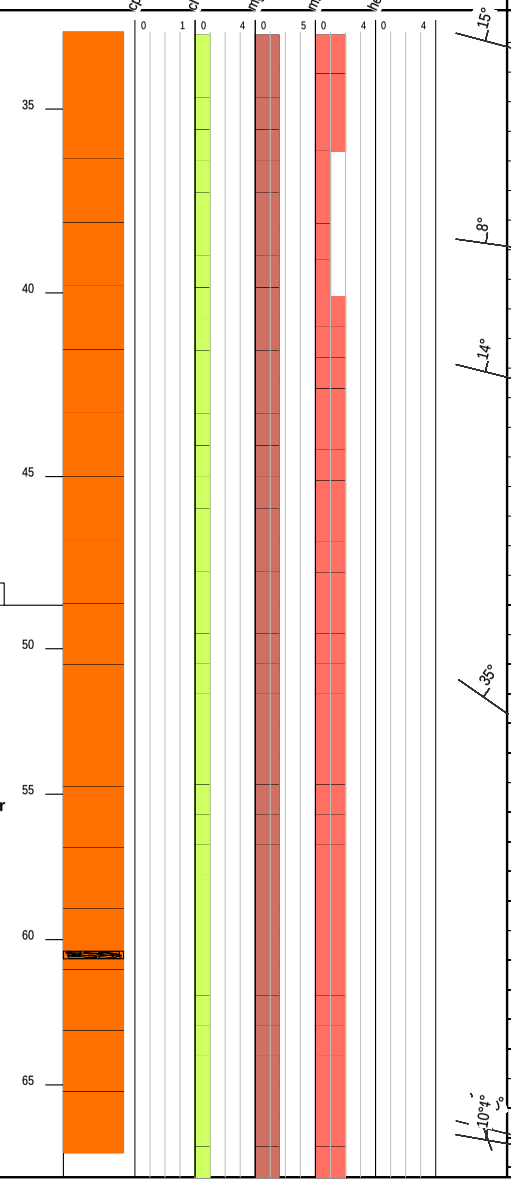
From	To	Rocktype & Description
0.00	5.79	OVBN CASING: no recovery
5.79	48.46	ph PHYLLITE: fine-grained metamorphosed sedimentary rock. Light sandy brown to medium grey. S0/S1 fabric is very strong. Rock generally breaks along a mm-scale foliation and a cm-scale banding (bedding) is locally present. Colour variation seems mostly to do with variable alteration rather than a primary variability in sedimentary composition. Alteration is « Sericite 2.00*» which is pervasive « Chlorite 1.00*» wheras chlorite is more commonly associated with veining. « 36.15- 40.10 Sericite 1.00*» characterized by darker colour and softer rock, alteration contact is gradual and cross-cuts bedding No sulphide is present but 0.5 to 0.1 mm euhedral magnetite is ubiquitose and looks to be syn-kinematic (foliation is locally overgrown by magnetite and also locally wraps around magnetite grains). « mg 2.00%» including about 0.5% present as mm-scale veins of subhedral magnetite. Bedding angle is generally low (<25 degrees) relative to core axis and some cm-scale asymetric folding is present. < @ 7.50 bedding 25° > < @ 11.50 bedding 18° > < @ 19.00 bedding 35° > < @ 28.50 bedding 21° > < @ 33.00 bedding 15° > < @ 38.50 bedding 8° > < @ 42.00 bedding 14° > « 23.00- 24.08 poorly recovered FLTG », only about 15 cm of gouge material in box .Fault resulted in a 3 foot washed out void. Rock is cut by several 5 to 20 cm wide irregular vein which is locally contains 50% wallrock fragments (stockworks). They are deformed as evidenced by local poorly-developed boudin and fold structures. Mineralology varies and includes



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
5.79	8.84	3.05	845416	0.005	0.09	36	3.6	1.13
8.84	11.89	3.05	845418	0.005	0.03	3	2.8	1.23
11.89	14.94	3.05	845419	-0.005	0.04	3	3.2	1.68
14.94	17.98	3.04	845420	-0.005	0.03	22	5.1	1.17
17.98	21.03	3.05	845421	-0.005	0.03	15	3.5	0.79
21.03	24.08	3.05	845422	-0.005	0.03	4	2.6	1.03
24.08	27.13	3.05	845423	-0.005	0.03	12	2.7	1.33
27.13	30.18	3.05	845424	-0.005	0.04	38	4.5	2.14
30.18	33.22	3.04	845425	-0.005	0.11	18	5.2	1.06
33.22	36.27	3.05	845426	-0.005	0.03	19	3.9	1.60
36.27	39.32	3.05	845427	-0.005	0.03	11	3.1	1.06
39.32	42.37	3.05	845428	-0.005	0.03	25	3.4	1.15
42.37	45.42	3.05	845429	-0.005	0.04	57	3.7	1.55
45.42	48.46	3.04	845430	-0.005	0.04	161	4.1	4.33

Project: Werneckes **Hole Number:** FW07-05

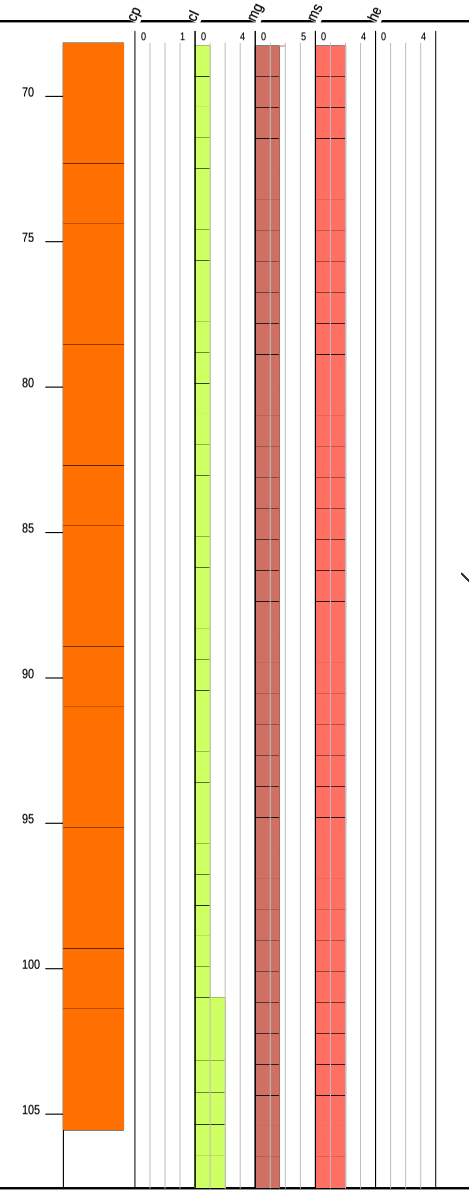
From	To	Rocktype & Description
		variable amount of quartz and bright green chlorite, coarse-grained magnetite, bladed specular hematite and orange-brown dolomite. These veins contain no sulphide phase.
		« 24.80- 25.10 qz-do-mg vein »
		« 27.60- 27.75 qz-cl vein »
		« 34.30- 34.45 mg-cl-cl-sp vein », trace brown sphalerite
		« 45.90- 46.10 qz-mg-hs vein »
48.46	153.30	ph
		PHYLLITE: equivalent in every way to previous interval but here the bedding to core axis angle is high. The contact with the previous interval is gradual and probaby indicates that the upper 40 metres of this hole were drilling through a fold hinge zone whereas this interval is intersecting a fold limb.
		Main, composite bedding / cleavage foliation is locally crenulated. Most of the darker core is characterized by abundant very fine-grained specular hematite occurs as fine flakey grains lying concordant to the foliation planes.
		Monotonous, cm-scale dark and light banded with rare veining from 91.0m on.
		ALTERATION:
		« Sericite 2.00*»
		« Chlorite 1.00*»
		« mg 2.00%»
		« 48.46- 153.30 Specularite 0.50%»
		« 101.00- 153.30 Chlorite 2.00*» chlorite increases below about 101 as layers and blebs of bright green chlorite and as veins of massive chlorite locally with specular hematite and minor magnetite



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
48.46	51.51	3.05	845432	-0.005	0.04	33	5.3	1.16
51.51	54.56	3.05	845433	-0.005	0.07	21	3.3	1.27
54.56	57.61	3.05	845434	-0.005	0.03	4	4.0	1.17
57.61	60.66	3.05	845436	-0.005	0.04	3	4.2	1.45
60.66	63.70	3.04	845437	0.006	0.28	18	4.7	0.98
63.70	66.75	3.05	845438	0.005	0.11	6	4.3	0.47
66.75	68.10	1.35	845439	0.005	0.10	8	4.0	0.80
68.10	68.90	0.80	845440	0.005	0.08	23	2.9	0.82
68.90	70.80	1.90	845441	0.007	0.02	15	3.3	1.97
70.80	72.70	1.90	845442	0.006	0.04	90	8.7	3.30
72.70	75.90	3.20	845443	0.006	0.02	35	10.4	3.33
75.90	78.94	3.04	845444	-0.005	0.01	27	3.9	1.41
78.94	81.99	3.05	845445	-0.005	0.05	6	4.1	1.29
81.99	85.04	3.05	845446	-0.005	0.15	1	4.2	0.81
85.04	88.09	3.05	845448	-0.005	0.17	1	5.9	1.24
88.09	91.14	3.05	845449	-0.005	0.14	2	4.1	2.57
91.14	94.18	3.04	845450	-0.005	0.03	12	4.3	3.15
94.18	97.23	3.05	845451	-0.005	-0.01	5	2.6	1.69
97.23	100.28	3.05	845452	-0.005	0.01	4	4.4	0.53
100.28	103.33	3.05	845453	-0.005	0.02	7	3.4	0.60

Project: Werneckes **Hole Number:** FW07-05

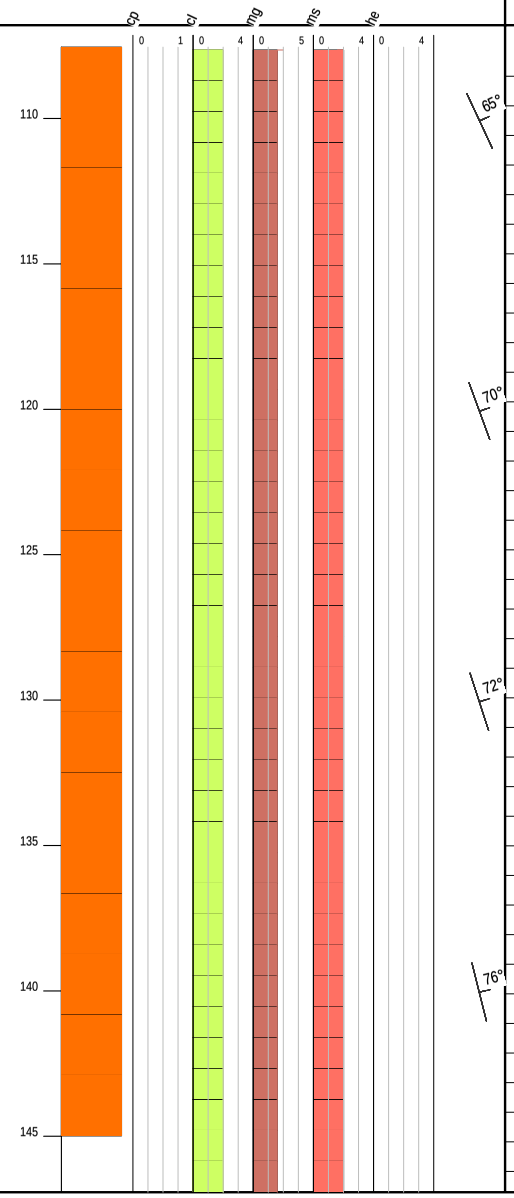
From	To	Rocktype & Description
		« 50.30- 50.50 Quartz - mg - Sericite - Specularite - Chlorite - Pyrite vein 35.00°», coarse-grained magnetite (60%) with traces of pyrite. Vein margin is strongly sericite-altered.
		< @ 51.50 bedding 35° >
		« 60.40- 60.66 FLBX »
		VEINING:
		« 62.80- 63.30 stockwork zone, Quartz - mg - Chlorite - Pyrolusite - Specularite vein 32°», deformed
		<@ 66.20 bedding 70° >
		< @ 66.30 Quartz - Specularite - Chlorite - mg vein 14° 2cm >, planar,sharp vein, coarse-grained hemamtite plates
		< @ 66.70 cleavage 74° >
		< @ 66.70 bedding 10° >, bedding folded so cleavage is obvious
		« 68.10- 68.90 Quartz - Fluorite - Specularite - Chlorite vein », crackle breccia, trace pyrite, cuts across bedding generally has irregular contacts
		« 70.80- 72.70 Fluorite - Quartz - Chlorite - mg - Specularite vein », similar replacement / crackle breccia type vein as 68.1 m zone, minor pink colouration of feldspar
		« 77.40- 77.55 Quartz - Chlorite - mg - Specularite vein »
		< @ 82.50 bedding 68.00° >
		< @ 84.90 flbx >, about 3 cm thick fault breccia
		STRUCTURE:
		< @ 87.00 bedding 45° >
		< @ 97.00 bedding 79° >
		< @ 110.00 bedding 65° >
		< @ 120.00 bedding 70° >
		< @ 130.00 bedding 72° >
		< @ 140.00 bedding 76° >
		< @ 150.00 bedding 90° >
		< @ 146.20 flbx 3cm >
		Common quartz-feldspar-chlorite veins from140 to 146 m. Veins are strongly deformed (boudinaged) along foliation indicating that these are very early.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
103.33	106.38	3.05	845454	-0.005	0.03	9	4.1	0.57
106.38	109.42	3.04	845455	-0.005	0.03	7	3.6	1.46
109.42	112.47	3.05	845456	-0.005	0.04	20	3.8	20.20
112.47	115.52	3.05	845457	-0.005	0.01	3	4.2	1.28
115.52	118.57	3.05	845458	-0.005	0.01	2	3.7	1.40
118.57	121.62	3.05	845459	-0.005	-0.01	3	3.7	0.94
121.62	124.66	3.04	845460	-0.005	-0.01	3	3.3	0.44
124.66	127.71	3.05	845461	-0.005	0.03	2	3.6	0.54
127.71	130.76	3.05	845462	-0.005	0.01	3	4.9	0.59
130.76	133.81	3.05	845463	-0.005	0.05	8	4.7	1.96
133.81	136.86	3.05	845464	-0.005	0.03	8	4.0	0.78
136.86	139.90	3.04	845465	-0.005	0.03	3	4.2	0.60
139.90	142.95	3.05	845466	-0.005	0.01	4	4.0	0.59
142.95	146.00	3.05	845467	-0.005	0.03	3	3.2	0.74
146.00	149.05	3.05	845468	-0.005	0.02	2	3.3	0.66
149.05	152.10	3.05	845470	-0.005	0.03	3	2.8	0.75
152.10	153.30	1.20	845471	-0.005	0.03	3	3.4	0.34

Project: Werneckes **Hole Number:** FW07-05

From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** FW07-05

From	To	Rocktype & Description
153.30	183.70	ph

PHYLLITE: pale, olive green platey rock. Well-developed foliation appears to be a composite of bedding and cleavage. Distinct colour separates it from intervals above and below but all units are seemingly the same protolith - this unit is characterized by sericitic alteration and veining only.

Veining comprises numerous irregular quartz-plagioclase-chlorite-muscovite veins from 1 cm to 20 cm. These veins truncate layering but have largely been transposed into the foliation. Boudin structures and wrapping of the foliation around the veins is widespread suggesting the veins are pre-folding / foliation development. The veins locally contain abundant wall rock fragments forming stockwork zones. In general, this interval appears to have been the focus of an early kinematic hydrothermal event causing veining and sericite alteration of the sedmentary wallrock.

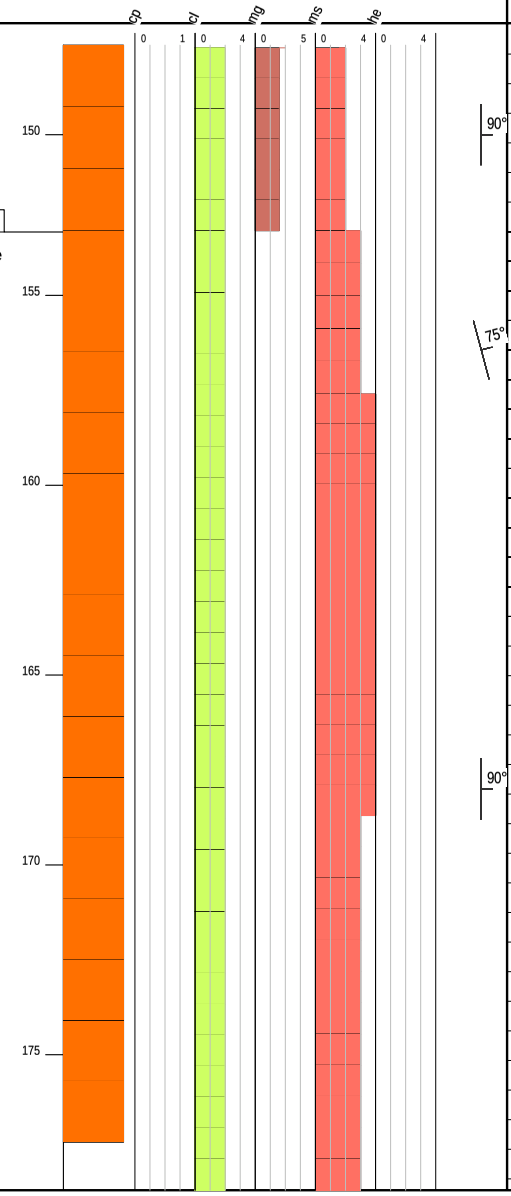
« Sericite 3.00*» pervasive; « Chlorite 2.00*» chlorite is generally confined to veins, « Silicification 1.00*»

« 156.00- 157.60 Specularite 2.00%» as very fine, flakey grains in foliation, gives rock a darker colour

« 157.60- 168.70 Sericite 4.00*» , intense sericite with 15% veins comprising 70% quartz, 20% plagioclase and 10% chlorite

« 173.43- 179.70 qz-pl-cl vein », about 50% sericitised wallrock fragments that are largely flattened in the foliation. Vein is locally pink presumabley due to fine-grained hematite

< @ 156.40 bedding 75° >
< @ 168.00 bedding 90° >
< @ 154.50 fltg 65° 2cm >, planar gouge zone
< @ 164.80 fltg 72° 1cm >, planar gouge zone



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
153.30	156.00	2.70	845472	-0.005	0.04	2	2.7	0.23
156.00	157.60	1.60	845473	-0.005	0.02	3	3.9	0.27
157.60	159.80	2.20	845474	-0.005	0.03	4	3.9	0.34
159.80	162.00	2.20	845475	-0.005	0.03	4	3.5	0.24
162.00	164.20	2.20	845476	-0.005	0.01	3	1.7	0.23
164.20	166.40	2.20	845477	-0.005	0.01	4	3.2	0.19
166.40	168.70	2.30	845478	0.006	0.01	3	4.6	0.21
168.70	171.00	2.30	845480	0.005	0.05	2	3.6	0.17
171.00	173.43	2.43	845481	-0.005	-0.01	4	3.1	0.36
173.43	175.70	2.27	845482	0.009	-0.01	2	4.2	0.20
175.70	177.70	2.00	845483	-0.005	-0.01	2	4.9	0.32
177.70	179.70	2.00	845484	-0.005	0.05	4	2.5	2.00
179.70	181.70	2.00	845486	-0.005	0.14	4	3.2	1.78
181.70	183.70	2.00	845487	-0.005	0.03	1	3.2	0.69

Project: Werneckes **Hole Number:** FW07-05

From	To	Rocktype & Description
183.70	307.55	ph

PHYLLITE: similar to unit at top of hole. Typically grey-green with sub-cm banding defined by alterating lighter and darker beds. Foliation is generally concordant with bedding; rock breaks readily along distinct foliation planes.

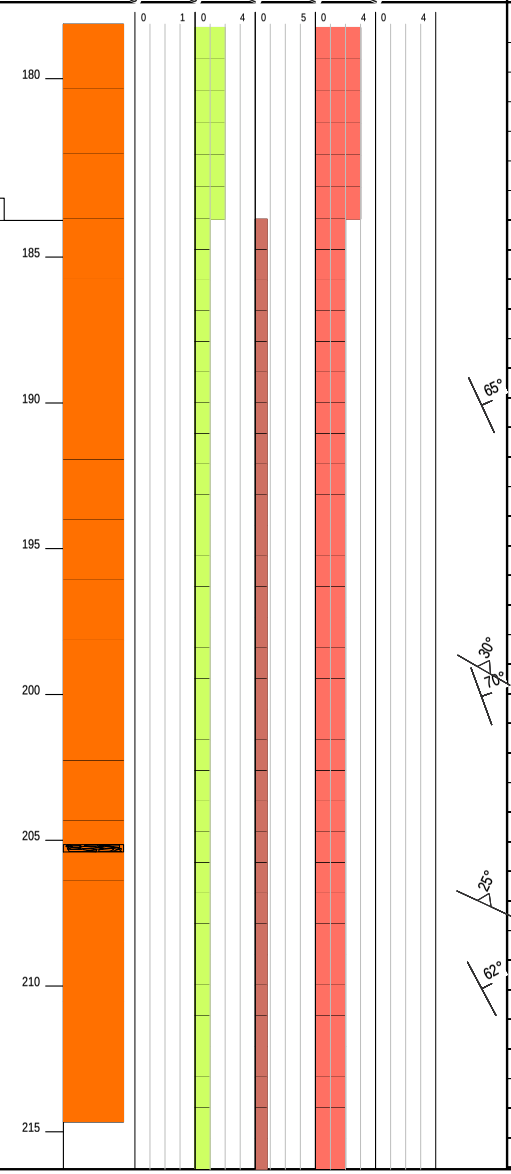
« Sericite 2.00*» « Chlorite 1.00*» « mg 1.00%», magnetite forms as fine (< 1mm) subhedral disseminated grains

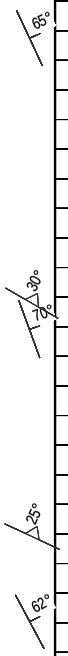
Foliation is locally crenulated and rare cm-scale gouge zones indicate a minor late faulting event.

Veining is common but not intense anywhere within this interval. Main types of veins include early (deformed) quartz-plagioclase-chlorite veins (like those common in previous interval) and later, planar quartz-calcite-hematite-dolomite-chlorite veins that are generally about 1 cm wide.

Sulphide phases are very rare. A massive plagioclase with minor quartz vein at 235.5m contains about 1% fine-grained chalcopyrite and minor, fine-grained pyrite occurs near the bottom of the hole in bedding parallel layers.

< @ 190.00 bedding 65° >
< @ 200.00 bedding 70° >
< @ 210.00 bedding 62° >
< @ 220.00 bedding 65 >
< @ 231.00 bedding 90° >
< @ 240.00 bedding 50° >
< @ 250.00 bedding 84° >
< @ 260.00 bedding 79° >
< @ 270.00 bedding 85° >
< @ 280.00 bedding 82° >
< @ 290.00 bedding 74° >

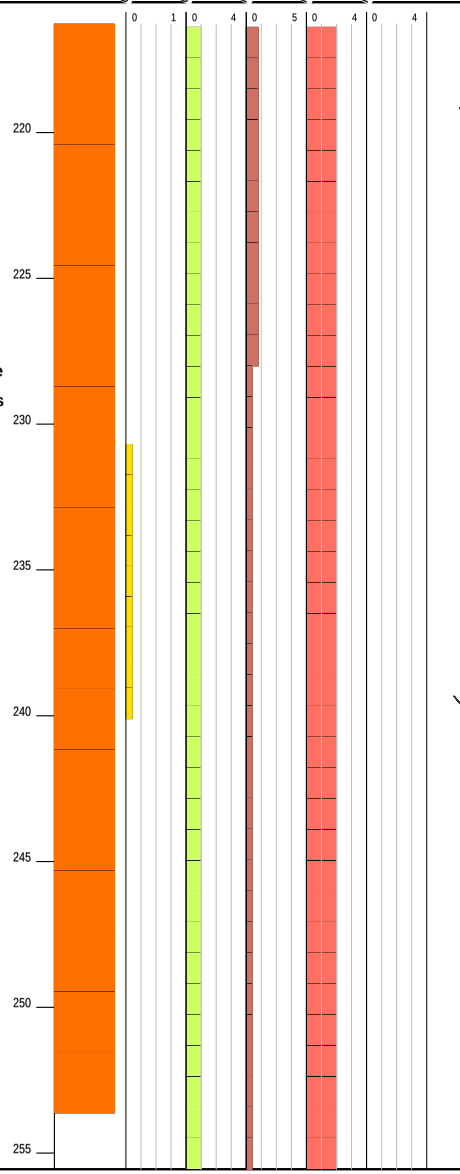




From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
183.70	185.62	1.92	845488	-0.005	0.05	1	3.0	0.64
185.62	188.67	3.05	845489	-0.005	-0.01	0	3.8	0.38
188.67	191.72	3.05	845490	-0.005	-0.01	0	3.8	0.68
191.72	194.77	3.05	845491	0.006	-0.01	3	3.1	0.88
194.77	197.82	3.05	845492	-0.005	0.01	5	2.7	0.67
197.82	200.86	3.04	845493	-0.005	-0.01	23	3.1	0.82
200.86	203.91	3.05	845494	-0.005	0.02	12	3.0	0.58
203.91	206.96	3.05	845495	-0.005	0.16	10	3.4	1.15
206.96	210.01	3.05	845496	-0.005	0.01	2	2.7	0.73
210.01	213.06	3.05	845497	0.014	0.02	2	2.8	0.61
213.06	216.10	3.04	845498	-0.005	0.02	26	3.3	2.08
216.10	219.15	3.05	845499	-0.005	0.02	37	3.5	1.36
219.15	222.20	3.05	845500	-0.005	0.01	25	2.9	1.15
222.20	225.25	3.05	846651	-0.005	0.02	53	3.9	1.40
225.25	228.30	3.05	846652	0.005	0.01	57	3.1	1.38
228.30	231.34	3.04	846653	0.005	0.02	22	2.7	0.95
231.34	234.39	3.05	846654	-0.005	0.04	56	2.4	0.50
234.39	237.44	3.05	846655	-0.005	0.11	10	2.6	0.85
237.44	240.49	3.05	846656	-0.005	0.01	12	2.6	1.30
240.49	243.54	3.05	846657	-0.005	0.01	7	2.8	0.57
243.54	245.70	2.16	846658	-0.005	0.01	6	3.4	0.40
245.70	247.85	2.15	846659	-0.005	0.03	8	3.1	0.86
247.85	248.90	1.05	846660	0.006	0.19	25	4.2	2.20
248.90	251.20	2.30	846661	-0.005	0.12	26	3.9	2.95
251.20	253.50	2.30	846662	-0.005	0.08	16	3.5	0.54
253.50	255.80	2.30	846663	-0.005	0.08	21	2.3	0.74
255.80	256.30	0.50	846664	-0.005	0.06	14	1.6	0.47
256.30	258.78	2.48	846665	-0.005	-0.01	11	2.3	0.56
258.78	261.26	2.48	846666	-0.005	0.01	11	2.3	0.88
261.26	264.87	3.61	846667	-0.005	-0.01	2	2.6	0.46
264.87	267.92	3.05	846668	-0.005	-0.01	8	2.3	0.46
267.92	270.97	3.05	846669	-0.005	0.01	40	3.5	0.54
270.97	274.02	3.05	846670	0.005	0.03	20	4.3	1.57

Project: Werneckes **Hole Number:** FW07-05

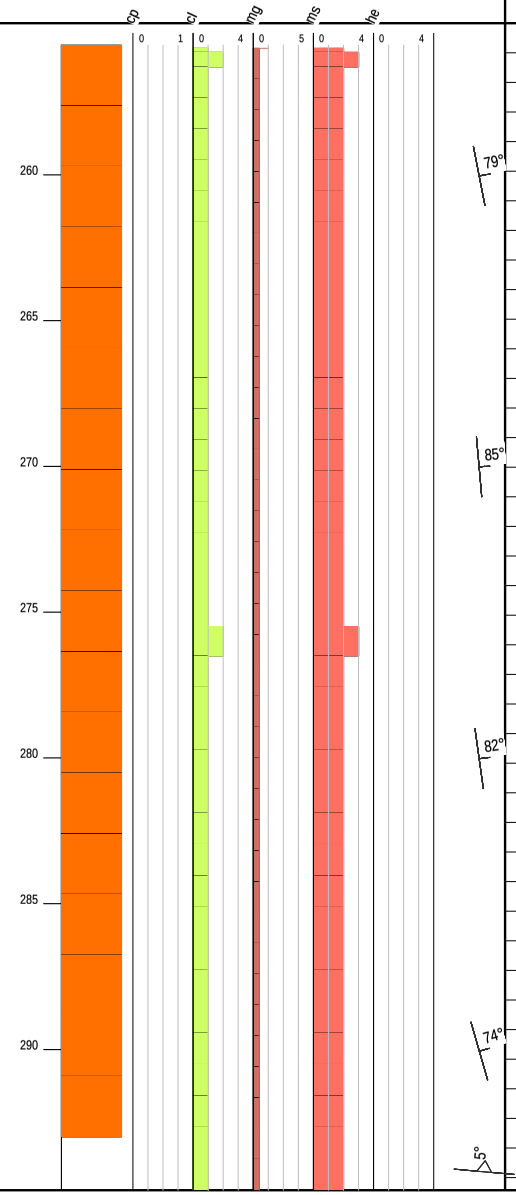
From	To	Rocktype & Description
		< @ 300.00 bedding 64° >
		< @ 199.00 qz-ca-do vein 30° >, moderately boudinaged
		minor malchite at 198.2 associated with carbonate veinlet
		« 205.15- 205.40 FLBX 55°», fault breccia, minor gouge, late, post-foliation structure
		< @ 207.00 quartz-plagioclase-chlorite vein 25° 15mm >
		minor fine-grained specular hematite-cemented breccia at about 212m - possible narrow Wernecke Breccia-type mini breccia. Overprints main foliation but seems to be temporally associated with kink bands.
		< @ 225.27 FLBX 56° 2 >
		« 230.70- 240.10 Pyrolusite - Quartz - Chlorite vein 25%», several individual veins through this sub-interval, locally with minor chalcopyrite. Predominantly white plagioclase with quartz and green chlorite. Also minor muscovite, rare biotite and specular hematite « Chalcopyrite 0.10%»
		« 247.85- 248.90 Quartz - Pyrolusite vein 30.00%», several irregular veins, « Pyrite 3.00%» as fine disseminated grains in quartz veins, moderately oxidised to limonite, possible trace chalcopyrite
		< @ 249.40 flbx 84° 3cm >
		« 255.80- 256.30 Sericite 3» associated with quartz veins, irregular, « Chlorite 2.00*»
		< @ 256.20 flbx 34.00° 3.00cm >
		minor bleb of chalcopyrite at 268.5
		« 275.50- 276.50 Sericite 3.00*» « Silicification 2.00*» « Chlorite 2.00*» zone containing about 35% quartz veins, trace pyrite
		« 298.40- 307.55 Sericite 3.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
274.02	275.50	1.48	846671	-0.005	0.06	31	5.0	0.93
275.50	276.50	1.00	846672	-0.005	0.07	23	3.4	0.40
276.50	278.00	1.50	846673	-0.005	0.01	15	5.0	3.40
278.00	280.11	2.11	846674	-0.005	-0.01	8	5.4	2.57
280.11	283.16	3.05	846675	-0.005	-0.01	6	2.5	1.50
283.16	286.21	3.05	846676	-0.005	-0.01	8	3.5	1.78
286.21	289.26	3.05	846677	-0.005	-0.01	24	2.6	0.83
289.26	292.30	3.04	846678	-0.005	-0.01	52	2.2	0.80
292.30	295.35	3.05	846679	-0.005	-0.01	9	3.0	1.12
295.35	298.40	3.05	846680	-0.005	-0.01	6	2.6	0.79
298.40	301.45	3.05	846681	-0.005	-0.01	3	2.3	0.81
301.45	304.50	3.05	846682	-0.005	-0.01	3	2.7	0.91
304.50	307.55	3.05	846683	-0.005	-0.01	8	2.7	1.05

Project: Werneckes **Hole Number:** FW07-05

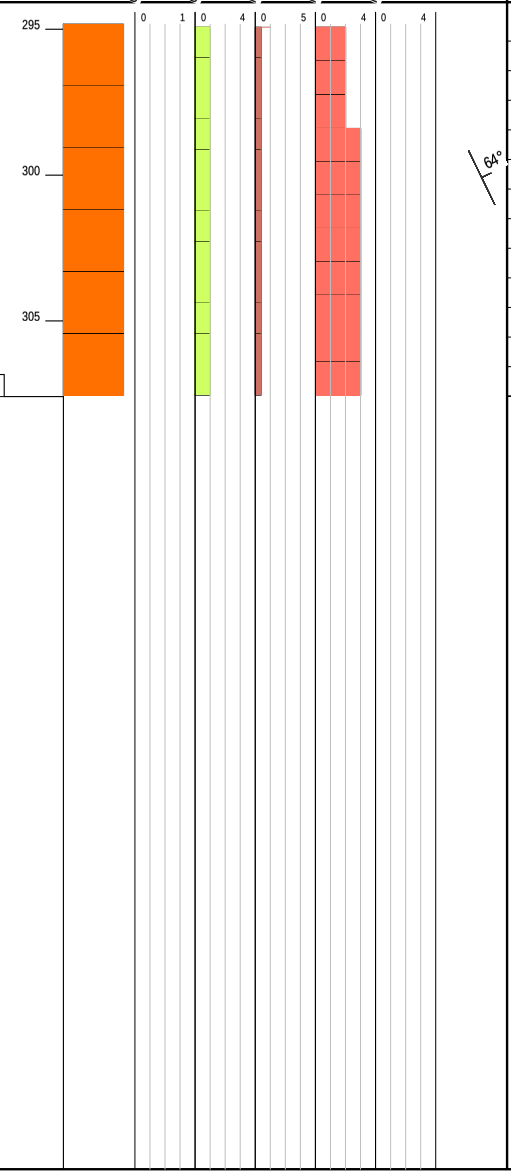
From	To	Rocktype & Description
		< @ 294.00 planar, Quartz - pg - Chlorite vein 5.00° >, several similar veins cutting ifoliation at high angles at this depth
		« 228.00- 307.55 mg 0.50%» , disseminated magnetite not present, only rare magnetite within veins
		307.55 = EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

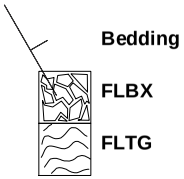
Project: Werneckes **Hole Number:** FW07-05

From	To	Rocktype & Description
307.55	307.55	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

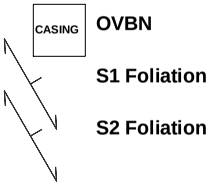
Drill Log Legend



Bedding

FLBX

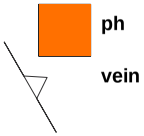
FLTG



OVBN

S1 Foliation

S2 Foliation



ph

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 761.0
Hole HV07-19	**Azimuth (º):** 60.0
Location: 7217343 m North, 535424 m East	**Dip (º):** -45.0
Logged by: N. Perk	**Length (m):** 436.00
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/05/16 **Date Completed:** 2007/05/23	
Dip Tests By: Reflex	
Objective Up-dip test of suspected sub-vertical mineralization encountered in HV94-07	

Summary Log:

0-11.3 m CASING

11.3-316.1 m SILTSTONE (slts): Light-dark green, metasomatized siltstone of the Fairchild Lake Group. Locally altered to dark green/black (amphibole?). Texture varies from well laminated to crackle breccia with rotated clasts of laminated siltstone over a scale of centimeters.

316.1-436.0 m HETEROLITHIC BRECCIA (bht): Grey-green-brown heterolithic breccia with clast sizes of 0.01 cm to 10 cm. Locally varies to homolithic breccia and diorite over a scale of meters.

MINERALIZATION:
11.3-30.4 m 0.3-0.5% CP
11.3-214.8 m 0.1% SP
214.8-436 m 0.3-3.0% CP, 0.5-2.0% PY

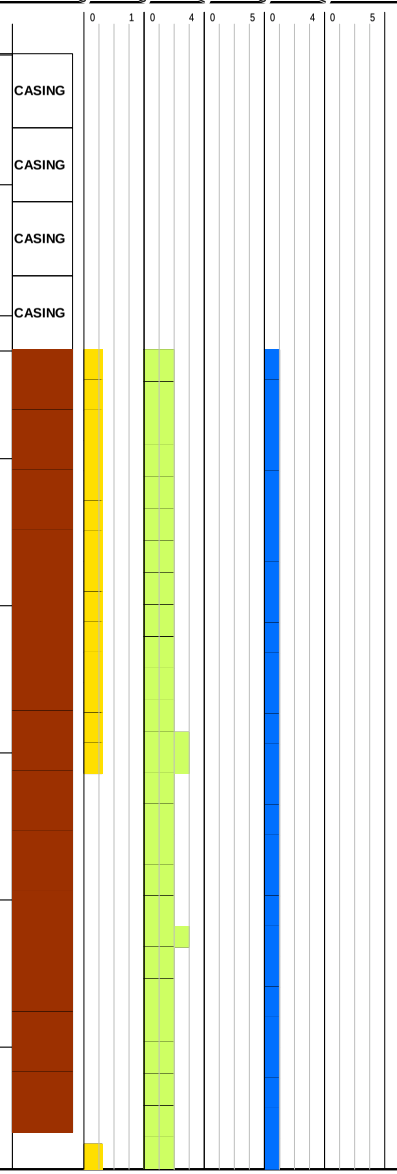
ALTERATION:
11.3-214.8 m SI-CL-MS-CA
214.8-436 m CA-CL-SI-BI

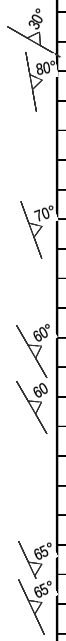
Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	60.00
100.00	-45.10	64.60
200.00	-45.60	73.40
300.00	-46.20	59.70
436.00	-45.90	74.10

Project: Werneckes **Hole Number:** HV07-19

From	To	Rocktype	& Description
0.00	11.30	OVBN	CASING: no core recovered
11.30	316.10	slts	SILTSTONE: Light to dark green, metasomatized siltstones. Locally altered to dark green/black (amphibole? chlorite?). Texture varies from well laminated, intact bedding to crackle breccia with rotated clasts of laminated siltstone over a scale of centimeters. Alteration: « Sericite 2.00*» « Silicification 2.00*» « Chlorite 2.00*» « 11.30- 194.70 Calcite 1.00*» « Chlorite 3.00*» « Hornblende 3.00*» « Sericite 2.00*» « Silicification 2.00*» « Chlorite 2.00*» « 30.90- 31.60 Chlorite 3.00*» « Hornblende 3.00*» « 31.60- 58.80 Sericite 2.00*» « Silicification 2.00*» « Chlorite 2.00*» « 58.80- 59.20 Chlorite 3.00*» « Hornblende 3.00*» « 59.20- 87.20 Sericite 2.00%» « Silicification 2.00*» « Chlorite 2.00*» « 87.20- 88.10 Chlorite 3*» « Hornblende 3.00*» « 88.10- 214.80 Sericite 2.00*» « Silicification 2.00*» « Chlorite 2.00*» « 181.00- 214.80 Gypsum alteration within CA alteration 1.00*» « 194.70- 199.70 Calcite 3.00*» « 199.70- 214.80 Calcite 2.00*» « 214.80- 249.9 Calcite 4.00*» « 214.80- 249.9 Gypsum alteration 2.00*» « 220.00- 316.10 brown mineral (BI?) alteration 2.00*»

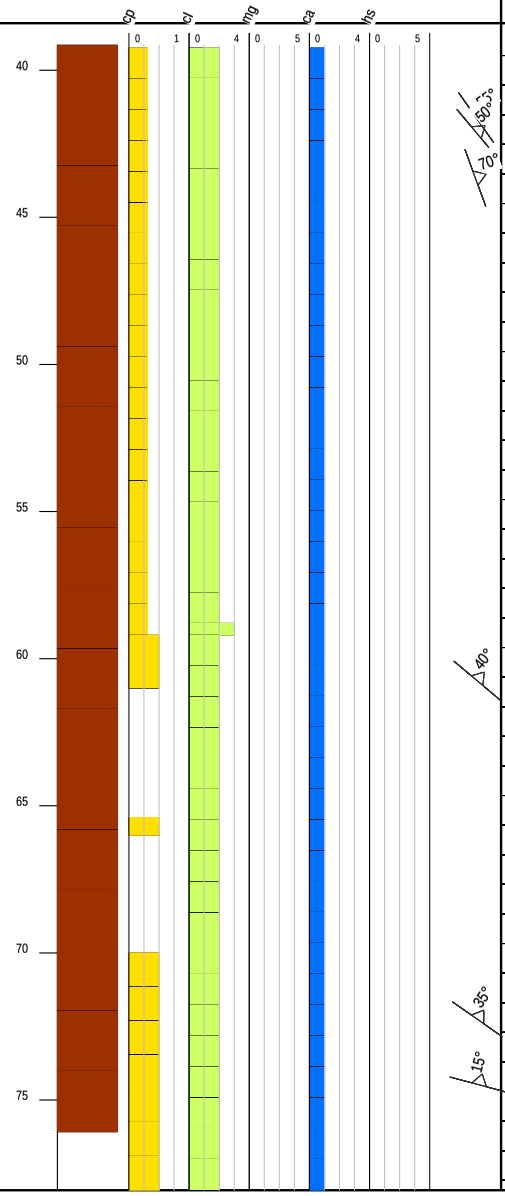




From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
11.30	13.00	1.70	844001	-0.005	0.03	129	1.6	0.38
13.00	16.00	3.00	844002	-0.005	0.03	169	1.2	0.73
16.00	19.00	3.00	844003	-0.005	0.03	419	1.0	1.43
19.00	22.00	3.00	844004	-0.005	0.04	555	2.3	37.50
22.00	25.00	3.00	844005	-0.005	0.04	444	1.1	2.41
25.00	28.00	3.00	844006	-0.005	0.01	37	2.0	0.43
28.00	30.90	2.90	844007	-0.005	0.06	110	1.5	3.85
30.90	31.60	0.70	844008	-0.005	0.02	32	1.0	12.75
31.60	34.00	2.40	844009	-0.005	0.03	49	1.3	1.45
34.00	37.00	3.00	844010	-0.005	0.03	213	1.0	1.22
37.00	40.00	3.00	844011	-0.005	0.03	691	1.4	1.32
40.00	43.00	3.00	844012	-0.005	0.02	78	1.4	0.47
43.00	46.00	3.00	844013	0.008	0.02	243	1.5	1.84
46.00	49.00	3.00	844014	-0.005	0.04	128	1.1	6.54
49.00	52.00	3.00	844015	0.006	0.03	365	1.1	15.45
52.00	52.30	0.30	844016	0.028	0.13	6650	2.2	75.80
52.30	52.80	0.50	844017	0.008	0.02	228	1.2	113.00
52.80	55.00	2.20	844018	-0.005	0.06	54	0.8	35.60
55.00	58.00	3.00	844020	0.006	0.06	141	0.9	9.68
58.00	58.80	0.80	844021	-0.005	0.04	116	2.9	6.71
58.80	59.20	0.40	844022	0.008	0.03	691	14.8	9.37
59.20	61.00	1.80	844023	0.086	0.06	2310	113.5	26.40
61.00	64.00	3.00	844024	-0.005	0.02	53	1.3	0.80
64.00	67.00	3.00	844025	0.006	0.02	504	1.4	8.52
67.00	70.00	3.00	844026	-0.005	0.03	95	1.7	15.05
70.00	73.00	3.00	844028	0.010	0.05	1095	1.7	23.60
73.00	76.00	3.00	844029	0.020	0.02	911	1.5	32.40
76.00	79.00	3.00	844030	-0.005	-0.01	190	1.9	54.30

Project: Werneckes **Hole Number:** HV07-19

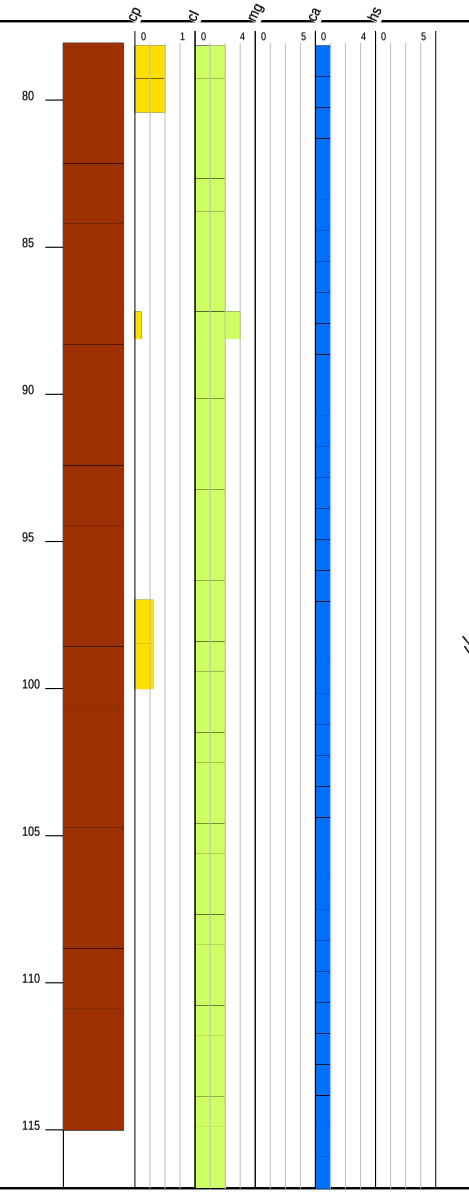
From	To	Rocktype & Description
		« 249.90- 306.20 Chlorite 3.00*» « Calcite 2.00*»
		« 306.20- 316.1 Chlorite 2*» « Calcite 4.00*»
		Mineralization:
		« 11.3-25.7 Chalcopyrite 0.30%»
		« 11.3-214.8 Sphalerite 0.10%»
		« 38.3-59.2 Chalcopyrite 0.30%»
		« 59.2-61.0 Chalcopyrite 0.50%»
		« 65.4-66.0 Chalcopyrite 0.50%»
		« 70.0-80.4 Chalcopyrite 0.50%»
		« 52.3-52.8 Molybdenite 0.30%»
		« 77.0-77.2 Molybdenite 0.30%»
		« 87.2-88.1 Chalcopyrite 0.10%»
		« 97.0-100.0 Chalcopyrite 0.30%»
		« 88.1-214.8 Malachite 0.30%»
		< @ 125.60 first occurence of HS in hole HS 0.10% >
		« 130.00- 140.00 Chalcopyrite 0.20%»
		« 149.50- 160.00 Hematite 0.10%»
		« 161.00- 214.80 Chalcopyrite 0.10%»
		« 186.00- 234.50 Specularite 0.10%»
		« 209.70- 217.90 mg 0.30%»
		« 214.80- 216.70 Chalcopyrite 0.50%» « Pyrite 0.10%»
		« 216.70- 220.00 Chalcopyrite 3.00%» « Pyrite 2.00%»
		« 220.00-247.8 Chalcopyrite 0.70%» « Pyrite 0.30%»
		« 217.90- 219.00 mg 2.00%»
		« 235.00-251.8 mg 1.00%» « Specularite 0.50%»
		« 247.80- 264.60 Chalcopyrite 0.50%» « Pyrite 0.50%»
		« 264.60- 268.00 Chalcopyrite 1.50%» « Pyrite 1.50%»
		« 251.80- 272.00 mg 0.10%» « Specularite 0.10%»
		« 268.00- 277.00 Chalcopyrite 0.50%» « Pyrite 0.50%»
		« 272.00- 306.20 mg 0.30%» « Specularite 0.30%»
		« 277.00- 306.20 Chalcopyrite 1.00%» « Pyrite 1.00%»
		« 306.20- 309.10 Chalcopyrite 2.00%» « Pyrite 2.00%»
		« 309.10- 318.00 Chalcopyrite 0.30%» « Pyrite 0.30%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
79.00	82.00	3.00	844031	0.044	-0.01	845	2.9	7.82
82.00	85.00	3.00	844032	0.005	-0.01	66	2.2	0.79
85.00	87.20	2.20	844034	-0.005	0.01	47	2.0	0.62
87.20	88.10	0.90	844035	-0.005	0.02	36	1.6	2.34
88.10	91.00	2.90	844036	-0.005	0.13	111	1.5	1.72
91.00	94.00	3.00	844037	-0.005	0.01	42	1.7	1.66
94.00	97.00	3.00	844038	-0.005	0.01	42	1.1	131.00
97.00	100.00	3.00	844039	0.009	0.05	1010	2.2	74.00
100.00	103.00	3.00	844040	-0.005	0.02	211	2.1	1.82
103.00	106.00	3.00	844041	-0.005	0.01	690	1.5	0.97
106.00	109.00	3.00	844042	-0.005	0.02	778	1.6	0.83
109.00	112.00	3.00	844043	-0.005	0.03	364	1.6	3.91
112.00	115.00	3.00	844044	-0.005	0.01	131	1.6	1.03
115.00	118.00	3.00	844045	0.006	0.01	97	1.6	0.62
118.00	121.00	3.00	844046	0.005	0.01	52	1.6	0.58
121.00	124.00	3.00	844047	-0.005	0.01	55	1.5	0.49
124.00	127.00	3.00	844048	0.005	0.01	43	1.8	0.37
127.00	130.00	3.00	844049	0.005	-0.01	47	1.3	1.10
130.00	133.00	3.00	844051	0.007	0.01	139	1.3	2.22
133.00	136.00	3.00	844052	0.008	0.01	237	2.1	5.03
136.00	139.00	3.00	844053	0.102	0.03	1325	2.4	11.40
139.00	142.00	3.00	844054	-0.005	0.03	50	1.6	1.16
142.00	145.00	3.00	844056	-0.005	0.04	49	1.8	1.80
145.00	148.00	3.00	844057	-0.005	0.01	43	1.4	0.82
148.00	151.00	3.00	844058	-0.005	0.08	70	1.6	1.79
151.00	154.00	3.00	844059	0.006	0.02	52	1.3	1.85
154.00	157.00	3.00	844060	0.006	0.02	28	1.8	1.59
157.00	160.00	3.00	844061	-0.005	0.02	29	1.3	0.94
160.00	163.00	3.00	844063	-0.005	0.03	58	0.9	0.42
163.00	166.00	3.00	844064	-0.005	0.03	17	1.0	15.80
166.00	169.00	3.00	844065	0.005	0.01	283	1.8	1.49
169.00	172.00	3.00	844066	0.007	0.02	282	15.5	6.51
172.00	175.00	3.00	844067	-0.005	0.01	16	2.3	0.34
175.00	178.00	3.00	844068	-0.005	0.03	40	3.0	0.91
178.00	181.00	3.00	844069	0.014	0.19	712	4.0	1.64
181.00	184.00	3.00	844070	0.011	0.03	680	2.7	10.65
184.00	187.00	3.00	844071	0.011	0.05	66	2.1	0.35
187.00	190.00	3.00	844072	-0.005	0.02	67	1.8	1.52
190.00	193.00	3.00	844073	0.022	0.04	694	30.6	41.70

Project: Werneckes **Hole Number:** HV07-19

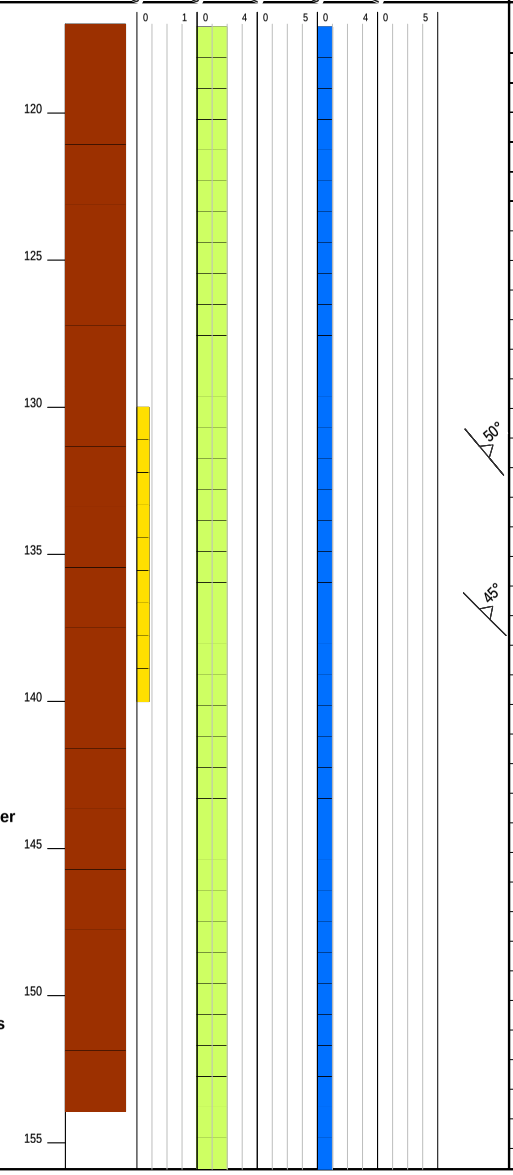
From	To	Rocktype & Description
		Structure:
		< @ 16.20 Quartz - Sericite vein 30.00° >
		< @ 17.70 Calcite - Ankerite vein 80.00° >
		< @ 19.50 bedding 35.00° >
		< @ 22.70 Calcite - Sphalerite vein 70° 1mm >
		< @ 24.00 Chalcopyrite - Malachite fracture 70° 1mm >
		< @ 26.80 Calcite - Amphibole - Sphalerite vein 60° 1mm >
		< @ 28.70 Calcite - Amphibole - Sphalerite vein 60 1mm >
		< @ 34.20 Calcite - Amphibole - Sphalerite vein 65° 1mm >
		< @ 35.50 Calcite - Ankerite - Chalcopyrite vein 65° 3mm >
		« 38.60- 38.70 Calcite - Ankerite - Chalcopyrite (vein?) crackle breccia 60°»
		< @ 41.50 Quartz - Calcite - Sphalerite vein 55° 2mm >
		< @ 42.00 Quartz - Sericite vein 50° >
		< @ 43.60 Quartz - Amphibole vein 70° 2mm >
		< @ 49.60 bedding 25° >
		< @ 52.40 Quartz - Amphibole - Molybdenite - Chalcopyrite - Sphalerite (vein?) crackle breccia 55° 2cm >
		< @ 60.60 Calcite - Chalcopyrite vein 40° 2mm >
		< @ 65.70 Chalcopyrite - Malachite fracture 50° 5cm >
		< @ 72.10 Quartz - Calcite - Chalcopyrite vein 35° 1cm >
		< @ 74.30 Quartz - Calcite vein 15° 1cm >
		« 77.00- 77.20 Quartz - Calcite - Molybdenite - Sphalerite (vein?) crackle breccia 40°»
		< @ 88.20 bedding 25.00° >
		< @ 98.90 Quartz - Amphibole - Chalcopyrite - Malachite vein 50.00° 3.00cm >< @ 99.30 Quartz - Calcite - Ankerite - Chalcopyrite vein 55.00° 20.00cm >
		« 100.20- 112.00 fracture controlled Malachite (1 every 5-10 cm) fx 50.00»< @ 111.70 Quartz - Calcite - Ankerite - Sphalerite vein 70.00° 3.00cm >
		< @ 118.00 bedding 25.00° >< @ 131.40 Calcite - Chalcopyrite - Malachite - Chalcocite vein 50.00° 4.00cm >
		< @ 136.90 Calcite - Chalcopyrite - Malachite - Chalcocite vein 45.00° 4.00cm >
		< @ 172.00 bedding 55.00° >
		« 182.60- 183.80 Calcite - Gypsum - Chalcopyrite (crackle breccia?) vein 25.00°»
		« 194.71- 199.70 Calcite crackle breccia vein 40.00°»
		@ 196.10 Biotite - Chalcopyrite (first appearance of bi) vein 80 2cm >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
193.00	194.70	1.70	844075	0.114	0.17	3270	24.4	48.60
194.70	197.50	2.80	844076	0.011	0.03	481	2.0	9.62
197.50	199.70	2.20	844078	-0.005	0.03	43	2.9	0.96
199.70	202.00	2.30	844079	0.009	0.04	38	2.9	0.15
202.00	205.00	3.00	844080	-0.005	0.06	72	3.0	1.43
205.00	208.00	3.00	844081	0.010	0.03	531	3.7	0.62
208.00	211.00	3.00	844082	0.021	0.05	631	3.2	0.83
211.00	214.00	3.00	844083	0.005	0.02	147	3.0	0.34
214.00	214.80	0.80	844084	0.005	0.01	207	3.1	1.12
214.80	216.70	1.90	844085	0.221	0.24	9390	2.9	11.25
216.70	220.00	3.30	844086	0.897	0.29	15850	7.7	12.50
220.00	223.00	3.00	844087	0.034	0.08	986	3.5	0.27
223.00	226.00	3.00	844088	0.233	0.05	1570	5.4	1.21
226.00	229.00	3.00	844089	0.019	0.04	1060	3.3	12.25
229.00	232.00	3.00	844090	0.034	0.05	1450	2.3	0.52
232.00	235.00	3.00	844092	0.042	0.05	642	3.4	3.28
235.00	238.00	3.00	844093	0.130	0.04	1050	3.6	1.30
238.00	241.00	3.00	844094	0.005	0.03	8	3.2	0.37
241.00	244.00	3.00	844095	0.026	0.03	394	8.6	4.37
244.00	247.00	3.00	844096	0.066	0.05	1500	2.5	5.04
247.00	247.80	0.80	844097	0.012	0.03	414	7.8	3.83
247.80	250.00	2.20	844098	0.013	0.02	280	3.9	1.16
250.00	253.00	3.00	844099	0.007	0.12	191	2.8	6.44
253.00	256.00	3.00	844100	0.084	0.07	1870	4.9	2.74
256.00	259.00	3.00	844101	0.036	0.06	459	3.2	12.90
259.00	262.00	3.00	844102	0.037	0.05	757	4.5	3.10
262.00	264.60	2.60	844103	0.045	0.05	717	3.9	1.98
264.60	268.00	3.40	844104	0.219	0.09	3550	3.5	1.44
268.00	271.00	3.00	844105	0.050	0.04	1950	3.6	1.03
271.00	274.00	3.00	844106	0.064	0.05	1900	3.8	2.14
274.00	277.00	3.00	844107	0.053	0.04	1610	4.0	1.53
277.00	280.00	3.00	844108	0.259	0.05	2900	3.7	1.95
280.00	283.00	3.00	844109	0.073	0.04	2060	4.3	1.03
283.00	286.00	3.00	844110	0.052	0.03	2210	4.2	1.62
286.00	289.00	3.00	844111	0.104	0.03	2920	3.4	6.14
289.00	292.00	3.00	844112	0.076	0.04	2690	4.4	0.82
292.00	295.00	3.00	844113	0.070	0.04	1890	3.5	0.77
295.00	298.00	3.00	844114	0.073	0.03	2880	3.2	0.90
298.00	301.00	3.00	844115	0.089	0.05	3420	4.3	4.44

Project: Werneckes **Hole Number:** HV07-19

From	To	Rocktype & Description
		< @ 207.90 Chalcopyrite - Pyrite vein 45° 4mm >
		< @ 209.90 bedding 65° >
		< @ 214.20 Calcite - Gypsum vein 35° 20cm >
		< @ 217.20 mg (vein or bedding replacement?) 60° 1cm >
		< @ 235.20 mg - Specularite vein 15° 2cm >
		< @ 225.30 bedding 75.00° >
		< @ 256.10 Calcite - Chalcopyrite - Clay vein 55.00° 3.00mm >
		< @ 265.60 Calcite - Chalcopyrite vein (breccia) 50.00° >
		< @ 269.50 Calcite - Quartz - Chalcopyrite vein 55.00° >
		< @ 277.50 Calcite - Chalcopyrite - Pyrite - mg vein 80.00° >
		< @ 298.80 Calcite - Chalcopyrite - mg - Specularite vein 75.00° 2.00cm >
		< @ 304.40 bedding 35.00° >
		< @ 310.70 Calcite - Chalcopyrite vein 70.00° 2.00cm >



Notes:

-alteration changes from moderate Silicification - Chlorite to strong Calcite - Chlorite @ ~214m. Mineralization also significantly picks up @ 214m.

-trace Sphalerite from 0-180m appears to disappear in the Chalcopyrite mineralized zone. Possible Zunyite zonation similiar to porphyry systems. Lower temp Zunyite halo grading to higher temperature cp-py mineralization near breccia.

178-214.8m Chalcopyrite mineralization is structurally controlled and occurs along fractures and as blebs within crackle breccia.

214.8m Chalcopyrite - Pyrite mineralization is much more pervasive and occurs as disseminations and blebs throughout.

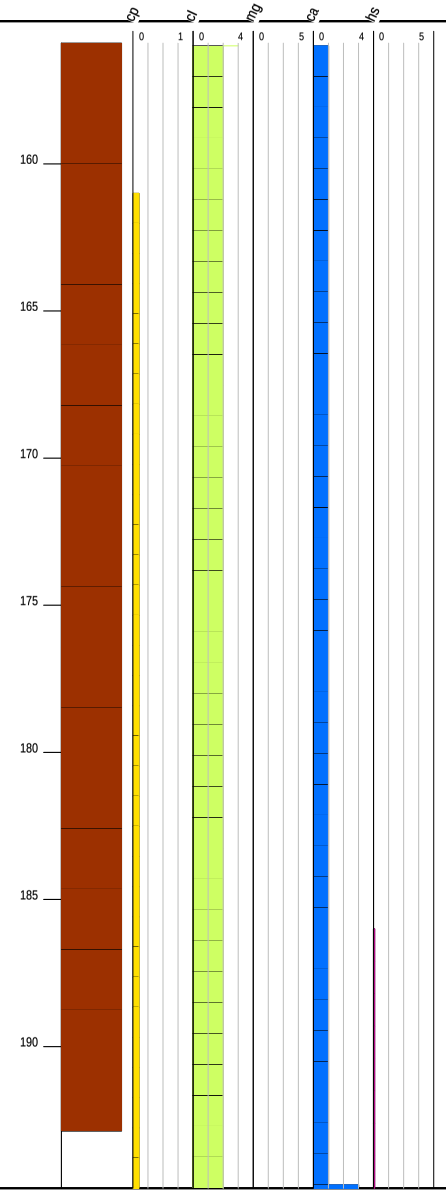
radiometrics:

From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
301.00	304.00	3.00	844116	0.313	0.07	3900	5.1	0.82
304.00	306.20	2.20	844117	0.074	0.07	2610	3.1	0.92
306.20	309.10	2.90	844118	0.344	0.16	7440	3.1	12.00
309.10	310.00	0.90	844119	0.040	0.07	1120	2.7	9.31
310.00	313.00	3.00	844120	0.051	0.10	1170	4.1	4.50
313.00	316.10	3.10	844121	0.011	0.06	536	2.7	12.75

Project: Werneckes

Hole Number: HV07-19

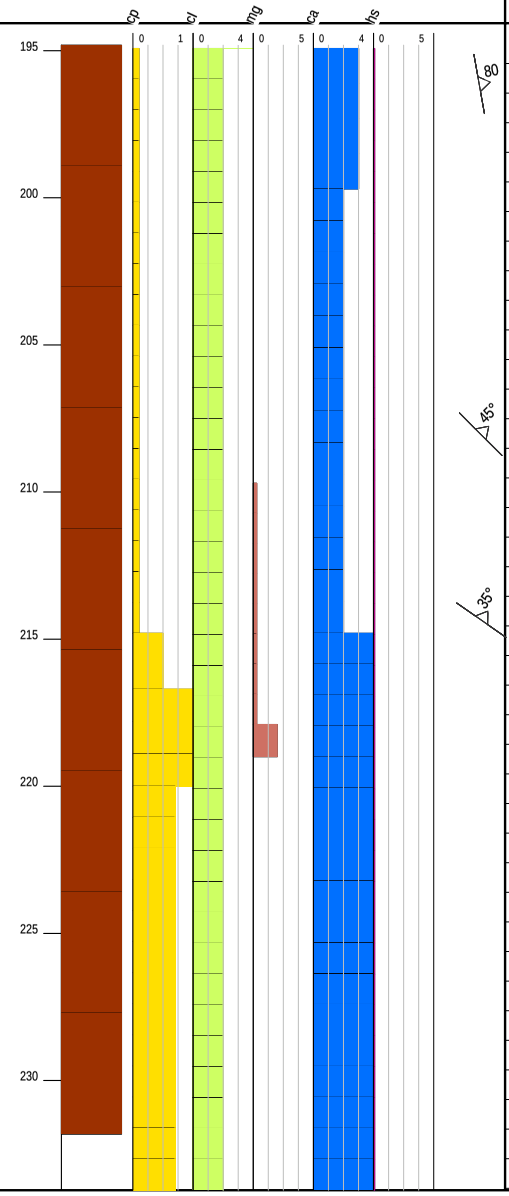
From	To	Rocktype & Description
59.2-59.6 (511)	ppm	cpm
tot	42.0	1615
K	1.8%	253
U	53.1	185
Th	10.9	10
192.4-193 (400)	ppm	cpm
tot	27.9	1072
K	2.6%	190
U	32.7	108
Th	1.5	2



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-19

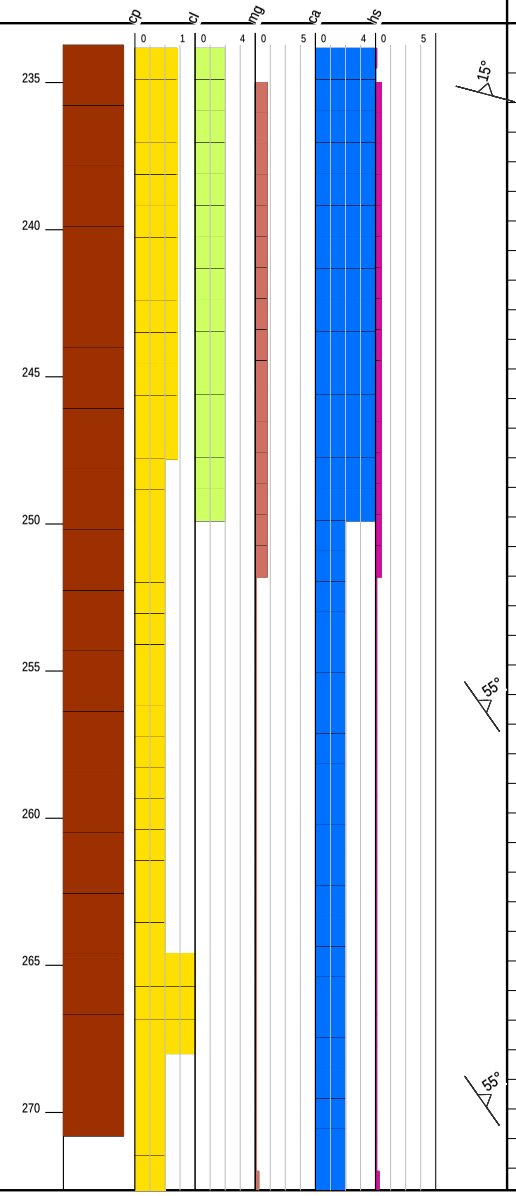
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-19

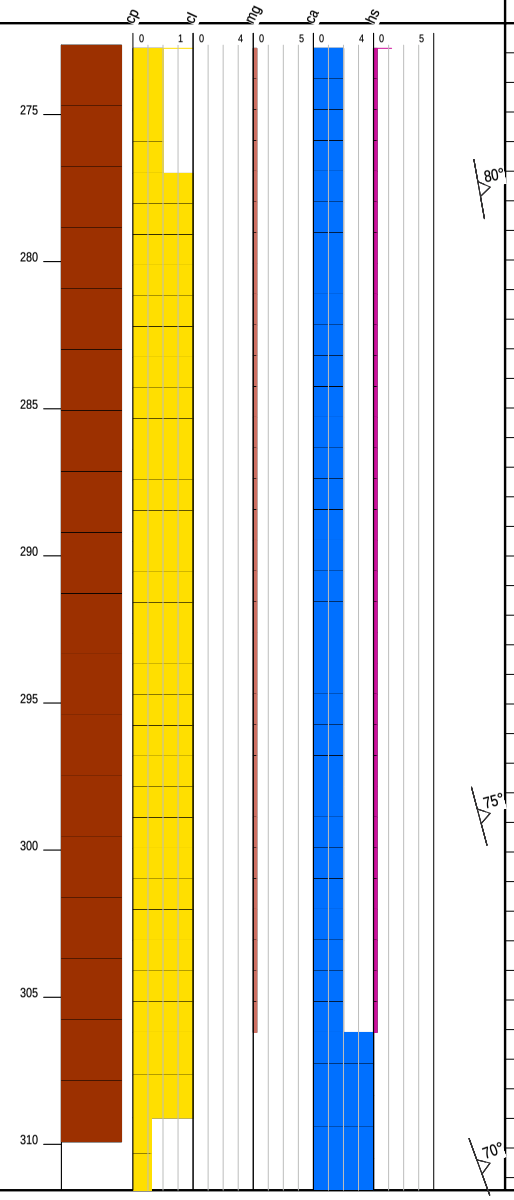
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-19

From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-19

From	To	Rocktype & Description
316.10	436.00	bht

HETEROLITHIC BRECCIA:

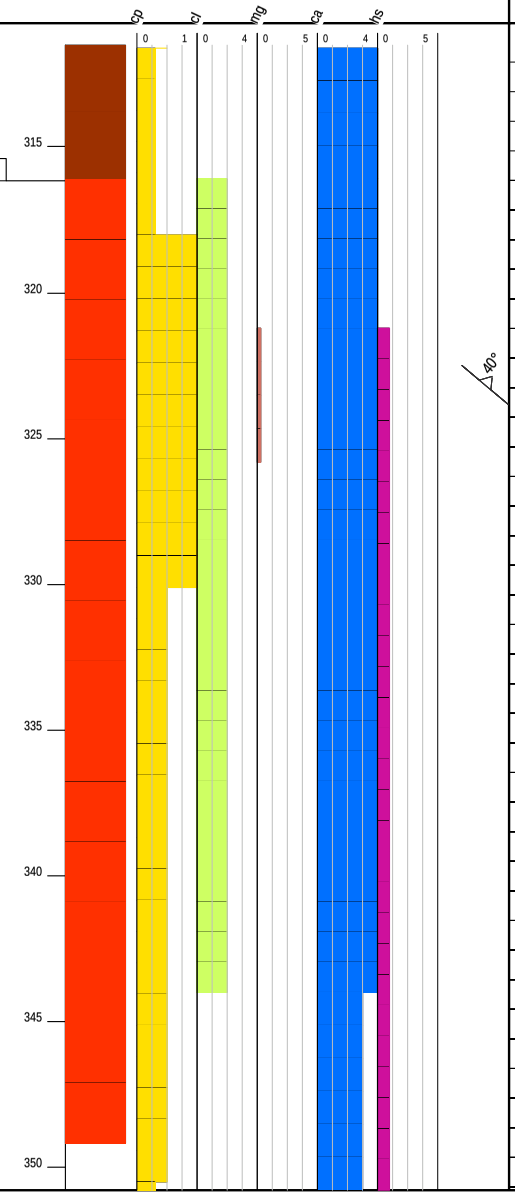
Grey-green-brown heterolithic breccia with clast sizes from 0.01 to 10 cm.
Locally varies to homolithic breccia and diorite over a scale of meters.

Alteration:

« 316.1-344.0 Calcite 4.00*»
« 316.1-336.0 Talc 2.00»
« 316.1-344.0 Chlorite 2.00*»
« 344.00- 436.00 Calcite 3.00*»
« 344.00- 358.70 Chlorite 3.00*»
« 358.70- 380.70 Chlorite 2.00*»
« 380.70- 381.60 Chlorite 3.00*»
« 381.60- 428.30 Chlorite 2.00*»
« 428.30- 436.00 Chlorite 3.00*»

Mineralization:

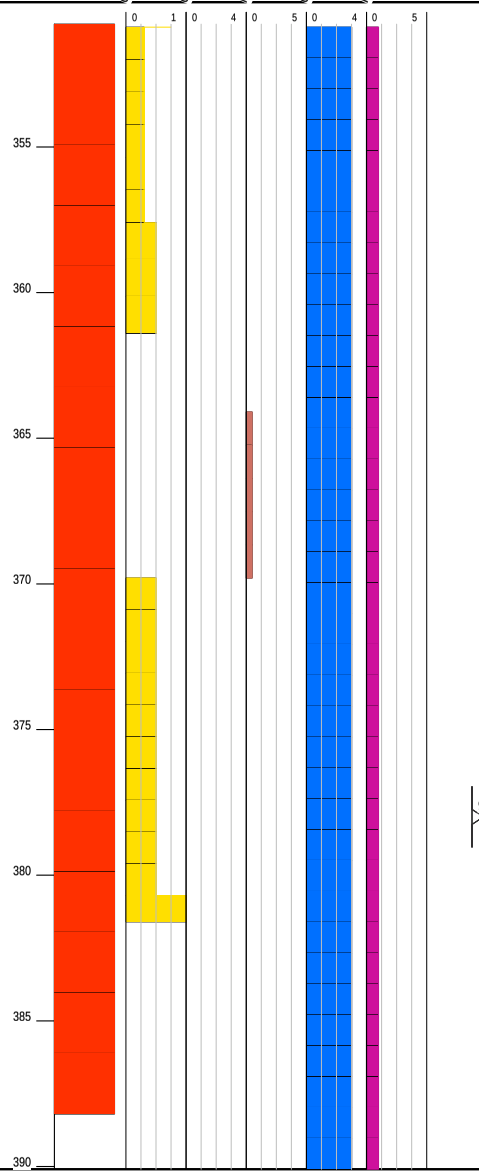
« 318.00- 330.1 Chalcopyrite 1.50%» « Pyrite 0.50%»
« 321.20- 436.0 Specularite 1.00%» « mg 0.30%»
« 330.10- 350.50 Chalcopyrite 0.50%»
« 350.50- 357.60 Chalcopyrite 0.30%» « Pyrite 0.30%»
« 357.60- 361.40 Chalcopyrite 0.50%» « Pyrite 0.50%»
« 361.40- 369.80 Pyrite 0.30%»
« 369.80- 380.70 Chalcopyrite 0.50%» « Pyrite 0.50%»
« 380.70- 381.60 Chalcopyrite 1.00%» « Pyrite 1.00%»
« 364.10- 369.80 mg 0.50%»
« 392.30- 398.70 mg 0.50%»
« 428.30- 436.00 Chalcopyrite 0.30%»
« 428.30- 431.30 mg 2.00%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
316.10	318.00	1.90	844122	0.006	0.03	282	1.9	67.90
318.00	322.00	4.00	844123	0.005	0.07	2160	4.9	1.32
322.00	325.00	3.00	844125	0.005	0.26	3340	4.1	0.94
325.00	328.00	3.00	844126	-0.005	0.10	1070	2.9	1.76
328.00	331.00	3.00	844128	-0.005	0.12	957	3.4	5.72
331.00	334.00	3.00	844129	0.010	0.25	906	2.7	1.13
334.00	337.00	3.00	844130	-0.005	0.10	710	3.8	1.39
337.00	340.00	3.00	844131	-0.005	0.10	964	7.1	3.03
340.00	343.00	3.00	844132	0.007	0.09	662	5.2	2.45
343.01	346.00	2.99	844134	-0.005	0.05	1485	4.2	1.09
346.00	347.00	1.00	844135	-0.005	0.03	788	3.2	0.77
347.00	350.50	3.50	844136	-0.005	0.02	312	4.1	0.59
350.50	352.00	1.50	844137	-0.005	-0.01	156	4.3	0.74
352.00	355.00	3.00	844138	-0.005	-0.01	235	3.3	2.60
355.00	358.00	3.00	844139	-0.005	-0.01	383	5.0	0.63
358.00	361.00	3.00	844140	0.005	0.02	1095	4.3	1.32
361.00	364.10	3.10	844141	-0.005	-0.01	106	3.2	1.18
364.10	367.00	2.90	844142	0.006	0.02	23	5.6	1.98
367.00	369.80	2.80	844143	-0.005	0.01	49	4.1	3.80
369.80	373.00	3.20	844144	0.017	0.01	843	7.7	33.70
373.00	376.00	3.00	844145	0.009	0.03	1485	6.9	0.94
376.00	379.00	3.00	844146	0.009	0.01	1135	7.8	1.96
379.00	380.70	1.70	844147	0.008	0.01	592	11.8	2.78
380.70	381.60	0.90	844148	0.129	0.18	9380	14.4	0.83
381.60	382.00	0.40	844149	-0.005	0.02	459	12.1	5.63
382.00	385.00	3.00	844150	0.020	0.04	450	16.1	6.93
385.00	388.00	3.00	844151	0.014	0.02	207	6.9	1.01
388.00	391.00	3.00	844152	0.019	0.03	741	5.5	1.15
391.00	394.00	3.00	844154	-0.005	0.03	44	4.4	2.02
394.00	397.00	3.00	844155	0.017	0.02	54	6.5	11.60
397.00	400.00	3.00	844157	0.007	0.02	401	4.7	2.03
400.00	403.00	3.00	844158	-0.005	-0.01	459	8.0	0.72
403.00	406.00	3.00	844159	-0.005	-0.01	401	7.4	0.73
406.00	409.00	3.00	844160	0.018	-0.01	372	5.7	0.50
409.00	412.00	3.00	844161	0.009	0.02	1305	6.2	1.19

Project: Werneckes **Hole Number:** HV07-19

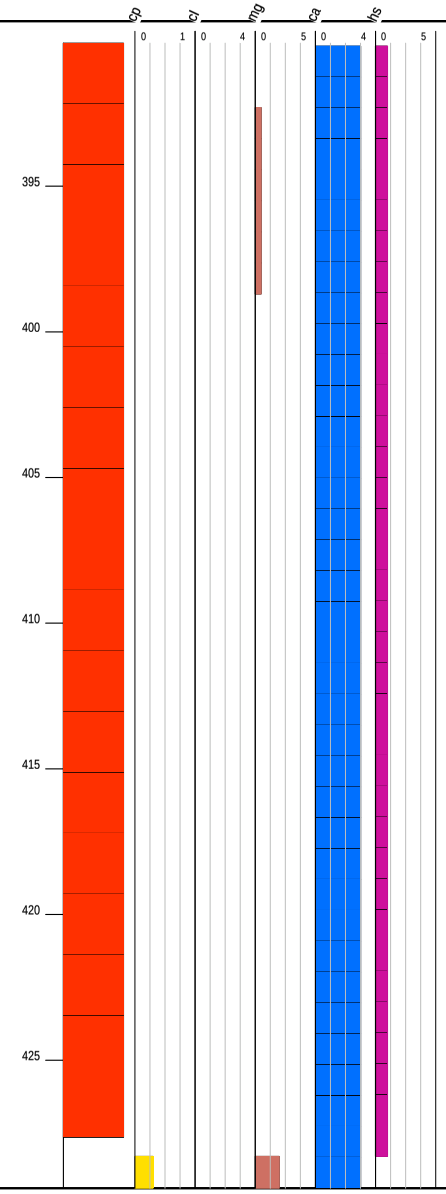
From	To	Rocktype & Description
		« 431.30- 434.70 Specularite 1.00%»
		« 435.60- 436.00 mg 2.00%»
		Structure:
		< @ 323.00 ca-cp-py vein 40.00° 8.00cm >
		« 364.10- 369.80 diorite dyke (magnetic) Diopside »
		< @ 378.00 Calcite vein 90.00° 8.00cm >
		« 427.30- 427.70 Calcite vein 40.00°»
		« 434.70- 435.50 Calcite vein »
		< @ 436.00 End of Hole. >
		-the breccia unit does not contain the same structural variation seen in the siltstone unit. Abundant Calcite veining is present in the breccia but its orientaion is variable and typically not planar.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
412.00	415.00	3.00	844162	0.016	0.07	491	3.9	0.69
415.00	418.00	3.00	844163	0.019	0.09	152	9.5	2.49
418.00	421.00	3.00	844164	-0.005	0.11	435	6.1	2.04
421.00	424.00	3.00	844165	0.005	-0.01	670	6.7	0.41
424.00	427.00	3.00	844166	-0.005	-0.01	318	6.6	0.63
427.00	428.30	1.30	844167	0.005	-0.01	49	3.8	4.63
428.30	431.30	3.00	844168	0.014	0.03	1475	1.6	2.60
431.30	434.70	3.40	844169	-0.005	-0.01	137	4.9	0.30
434.70	436.00	1.30	844170	-0.005	-0.01	48	0.7	1.69

Project: Werneckes **Hole Number:** HV07-19

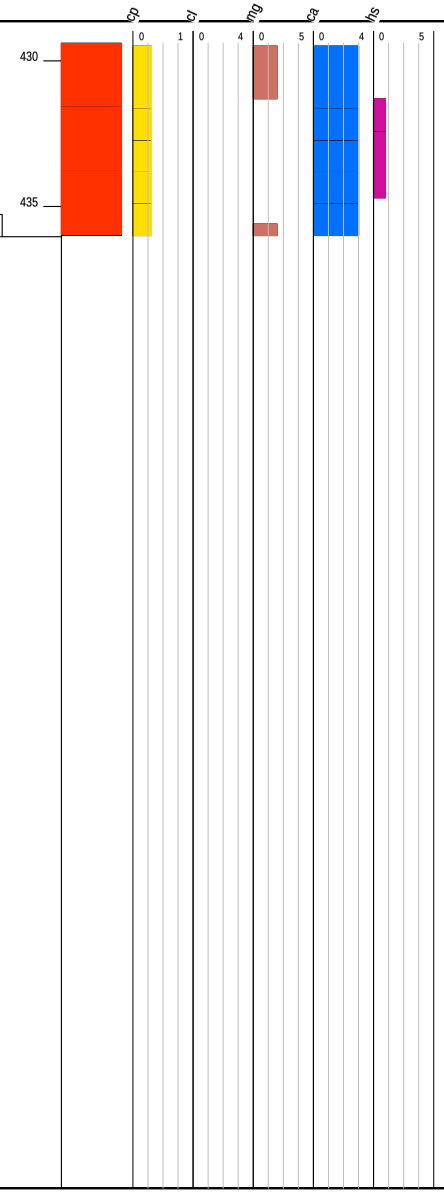
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

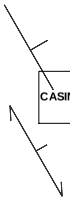
Project: Werneckes **Hole Number:** HV07-19

From	To	Rocktype & Description
436.00	436.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bht

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 830.6
Hole HV07-20	**Azimuth (º):** 240
Location: 7217270 m North, 535630 m East	**Dip (º):** -60.0
Logged by: D. Baker	**Length (m):** 68.00
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/05/24 **Date Completed:** 2007/05/25	
Dip Tests By: Reflex	
Objective Up-dip test of mineralization encountered in HV94-03.	

Summary Log:

0-18.8 m CASING

18.8-51.7 m PHYLLITE (ph): pale grey to light brown with an ubiquitose mm-scale foliation. Magnetite is common as disseminated euhedral isolated grains and as foliation-concordant bands comprising >50% euhedral to subhedral magnetite with minor chlorite, pyrite, Fe-carbonate and silica.

51.7-59.2 m SILTSTONE (slts): moderately oxidised, 5% magnetite, 1% specularite

59.2-68.0 m GRAVEL: poor recovery, fault?

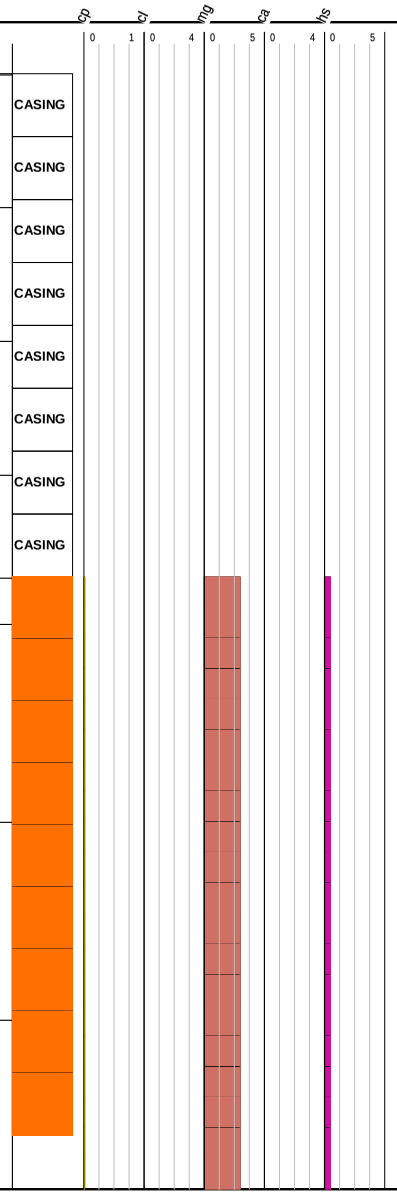
68.0 m = EOH

Downhole surveys:

Depth	Dip	Azimuth
0.00	-60.00	240.00
26.00	-59.20	287.50

Project: Werneckes **Hole Number:** HV07-20

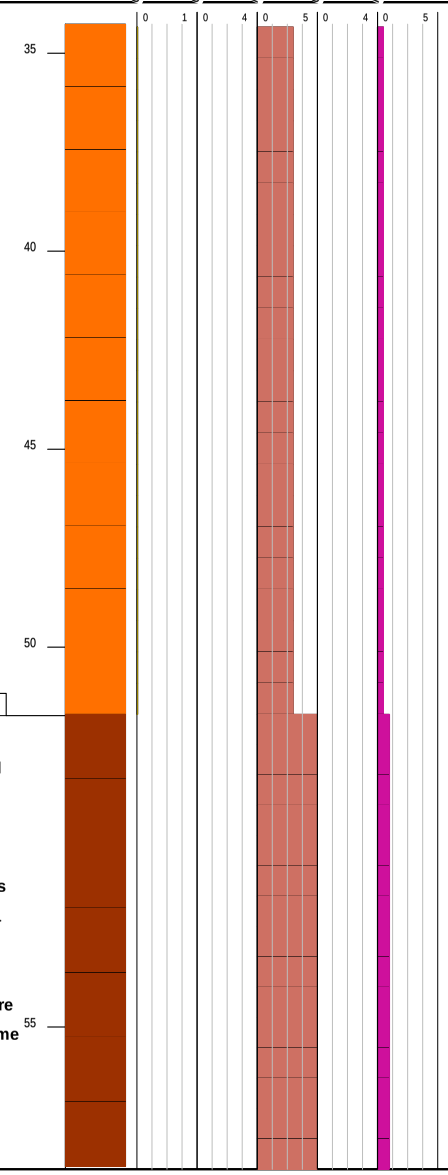
From	To	Rocktype & Description
0.00	18.80	OVBN OVERBURDEN: casing to 18.3 m, core recovered beginning at 18.8 m
18.80	51.70	ph PHYLLITE: pale grey to light brown with an ubiquitose mm-scale foliation. Foliation surfaces have a characteristic sheen owing to fine-grained phylosilicates. Magnetite is common and occurs in two main styles: 1) as disseminated euhedral isolated grains up to 2 mm across and 2) as foliation-concordant bands comprising >50% euhedral to subhedral magnetite with minor chlorite, pyrite, Fe-carbonate and silica. Three grains of chalcopyrite occur within this interval and are generally in close association with magnetite. These magnetite-rich bands are typically foliation-concordant but also occur oblique to the main fabric where they are variably folded or boudinaged - depending upon their original angle to the principal compressive stress direction. The main foliation is axial-planar to these folds. This indicates that the foliation is a composite fabric where bedding and cleavage (S1) are nearly parallel. A subtle lineation occurs on foliation surfaces and is parallel to magnetite band fold axes. This lineation is likely an S0/S1 intersection lineation. Later (D2) kink bands are common at low angles to core axis. These bands deform



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
18.80	20.00	1.20	844171	-0.005	-0.01	4	3.2	0.80
20.00	23.00	3.00	844172	-0.005	-0.01	3	3.2	0.80
23.00	26.00	3.00	844173	-0.005	0.06	19	3.0	1.25
26.00	29.00	3.00	844174	-0.005	0.01	2	2.0	0.92
29.00	32.00	3.00	844175	-0.005	0.02	2	1.9	0.69
32.00	35.00	3.00	844176	-0.005	0.02	2	1.7	1.76
35.00	38.00	3.00	844178	0.006	0.01	3	1.9	0.74
38.00	41.00	3.00	844179	-0.005	0.01	2	2.3	0.43
41.00	44.00	3.00	844180	-0.005	0.01	31	2.7	0.35
44.00	47.00	3.00	844181	-0.005	0.02	7	3.0	0.30
47.00	50.00	3.00	844182	-0.005	0.01	5	2.7	0.35
50.00	51.70	1.70	844183	-0.005	0.01	9	3.2	0.53

Project: Werneckes **Hole Number:** HV07-20

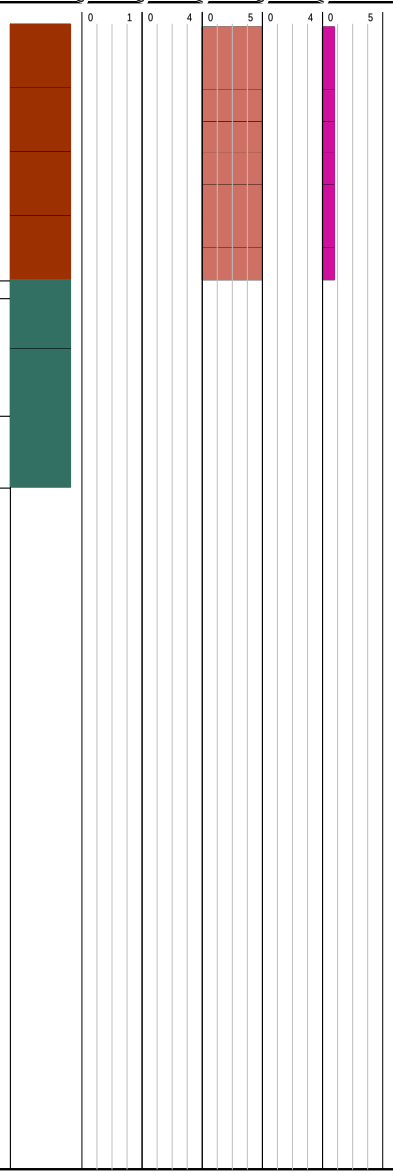
From	To	Rocktype & Description
		the main foliation.
		« 18.8-51.7 Sericite 1.00*»
		« 18.8-51.7 mg 3.00%»
		« 18.8-51.7 Specularite 0.50%» intergrown locally with magnetite
		« 18.8-51.7 Pyrite 0.10%»
		« 18.8-51.7 Chalcopyrite 0.01%»
		Structure:
		< @ 31.80 foliation 62° >
		< @ 32.30 S2 Foliation kink band 8° >
		< @ 43.30 foliation 51° >
		< @ 49.50 foliation 55° >
		< @ 49.80 S2 Foliation kink band >
		< @ 51.70 fltg 58° >, mm-scale fault plane concordant with foliation
51.70	59.20	slts
		SILTSTONE: grey to brown, moderately oxidised. Common manganese-coated fractures and orange-brown fracture coatings. Protolith is somewhat equivocal here but bedding is locally present. Across other small sections the texture is more massive and appears granitic / plutonic at 56.1m (diorite?)
		Magnetite is common and occurs both disseminated and in bands like previous interval although the banding is more common here. Specular hemaetite, silica and pyrite are more common as well.
		Approaching the bottom of the hole only gravel and broken rock fragments were recovered. The hole was abondoned in favour of a -70 degree hole from the same site at this point due to concerns that the hole had been deflected closer to the surface. Downhole surveys are suspect due to high magnetite content.
		« Sericite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
51.70	56.00	4.30	844184	0.062	0.02	222	17.9	24.00
56.00	59.20	3.20	844185	0.024	0.03	76	23.2	17.65

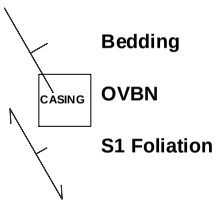
Project: Werneckes **Hole Number:** HV07-20

From	To	Rocktype	& Description
			« mg 5.00%»
			« Specularite 1.00%»
			Structure:
			< @ 53.00 foliation 65° >
			< @ 57.50 foliation 46° >
59.20	68.00	fltbx	GRAVEL: sand, pebbles, poor recovery, talus? Hole lost.
			EOH = 68.0 m
68.00	68.00	EOH	



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

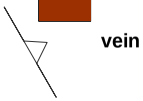
S1 Foliation

S2 Foliation

fltbx

ph

slts



vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 830.6
Hole HV07-21	**Azimuth (º):** 240
Location: 7217270 m North, 535630 m East	**Dip (º):** -70.0
Logged by: D. Baker	**Length (m):** 374.00
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/05/25 **Date Completed:** 2007/05/30	
Dip Tests By: Reflex	
Objective Up-dip test of mineralization encountered in HV94-03. Hole steepened after encountering bad ground in HV07-20.	

Summary Log:

0-15.5 m CASING

15.5-58.8 m PHYLLITE (ph): pale grey to light brown with an ubiquitose mm-scale foliation. Magnetite is common as disseminated euhedral isolated grains and as foliation-concordant bands, 3% magnetite, 0.5% specularite, minor pyrite

51.7-89.4 m SILTSTONE (slts): moderately oxidised, 6% magnetite, 1.5% specularite

89.4-117.1 m HOMOLITHIC BRECCIA (bhm): purple-green, minor crackle breccia, tr chalcopyrite, 3% specularite, moderate chlorite, calcite

117.1-201.6 m SILTSTONE (slts): mineralized with 1.5% chalcopyrite and 0.5% specularite from 117.1 to 135.4

201.6-216.4 m HOMOLITHIC BRECCIA (bhm): well-developed breccia texture, common chalcopyrite belbs, 1% chalcopyrite, 2% magnetite, localized specularite

216.4-374 m SILTSTONE / SLATE (slts/slt): strong calcite, moderate silica, 0.3% chalcopyrite, 3% magnetite, trace pyrite and hemaetite to 250 m. Stronger (0.8%) chalcopyrite from 273 to 354. Weaker alteration below 354 m and mineralogy is more likely metamorphic derived (garnet, biotite).

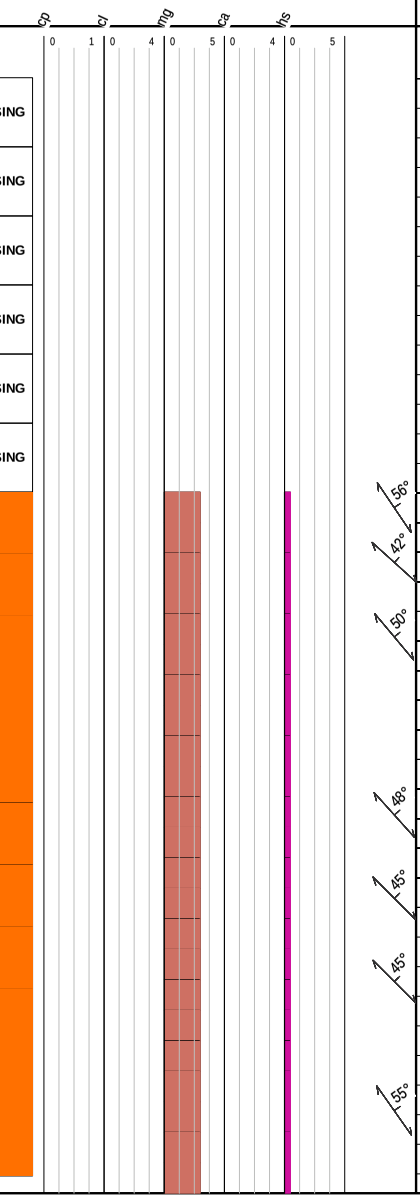
374.0 m = EOH

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	240.00
32.00	-69.90	232.80

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype	& Description
0.00	15.50	OVBN	OVERBURDEN: casing to 15.2 m, core recovered beginning at 15.5 m
15.50	58.80	ph	PHYLLITE: pale grey to light brown with an ubiquitose mm-scale foliation. Foliation surfaces have a characteristic sheen owing to fine-grained phlyllosilicates. Magnetite is common and occurs in two main styles: 1) as disseminated euhedral isolated grains up to 2 mm across and 2) as foliation-concordant bands comprising >50% euhedral to subhedral magnetite with minor chlorite, pyrite, Fe-carbonate and silica. These magnetite-rich bands are typically foliation-concordant but also occur oblique to the main fabric where they are variably folded or boudinaged - depending upon their original angle to the principal compressive stress direction. The main foliation is axial-planar to these folds. This indicates that the foliation is a composite fabric where bedding and cleavage (S1) are nearly parallel. A subtle lineation occurs on foliation surfaces and is parallel to magnetite band fold axes. This lineation is therefore likely an S0/S1 intersection lineation. Later (D2) kink bands are common at low angles to core axis. These bands deform the main foliation. « Sericite 1.00*» « mg 3.00%» « Specularite 0.50%» « Pyrite 0.05%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm	
15.50	17.00	1.50	844187	-0.005	0.01	6	2.9	2.16	56°
17.00	20.00	3.00	844188	-0.005	-0.01	26	3.6	1.37	
20.00	23.00	3.00	844189	-0.005	0.02	12	3.4	1.11	42°
23.00	26.00	3.00	844190	-0.005	0.01	5	3.0	0.96	
26.00	29.00	3.00	844191	-0.005	0.02	3	3.1	0.86	
29.00	32.00	3.00	844192	-0.005	0.02	3	2.7	0.80	50°
32.00	35.00	3.00	844193	-0.005	0.01	7	2.1	0.87	
35.00	38.00	3.00	844194	-0.005	0.02	1	1.7	0.74	
38.00	41.00	3.00	844196	-0.005	-0.01	2	1.6	0.85	
41.00	44.00	3.00	844197	-0.005	-0.01	1	1.7	0.75	
44.00	47.00	3.00	844198	-0.005	-0.01	1	2.0	0.75	48°
47.00	50.00	3.00	844199	-0.005	-0.01	1	2.1	0.61	
50.00	53.00	3.00	844200	-0.005	-0.01	2	2.3	0.63	
53.00	56.00	3.00	844201	0.015	-0.01	2	2.5	0.40	45°
56.00	58.80	2.80	844202	-0.005	-0.01	2	3.2	0.49	
									45°
									55°

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description

Structure:

< @ 17.80 S1 Foliation 56.00° >

< @ 17.90 S2 Foliation 42.00° >, nearly perpendicular to S1

< @ 20.50 S1 Foliation 50.00° >

< @ 26.70 S1 Foliation 48.00° >

< @ 29.60 S1 Foliation 45.00° >

< @ 32.50 S1 Foliation 45.00° >

< @ 37.00 S1 Foliation 55.00° >

< @ 41.00 S1 Foliation 46.00° >

< @ 48.60 QZ-AK-HS vein 31° > minor CL and trace PY

< @ 55.60 QZ-MT vein 6cm > irregular orientation but generally low angle

58.80 89.40 slts

SILTSTONE: grey to brown, moderately oxidised. Upper contact is gradational. Common secondary Fe-oxide coated fractures and metre-scale zones of strongly broken core comprising manganese-stained, strongly oxidised siltstone. Bedding is locally discernable but alteration is quite strong obliterating most primary features. Locally (e.g. at 76.3m) texture is crackle breccia comprising sericite-altered sedimentary rock broken with a cement comprised predominantly of chlorite

Magnetite is common and occurs both disseminated and in bands like previous interval although the banding is more common here and generally concentrated in broader (5-10 cm) bands. Specular hemaetite, silica, calcite and pyrite are common in these bands. This Fe-oxide bands are locally folded suggesting they pre-date some fabric development.

« Sericite 1.00*»

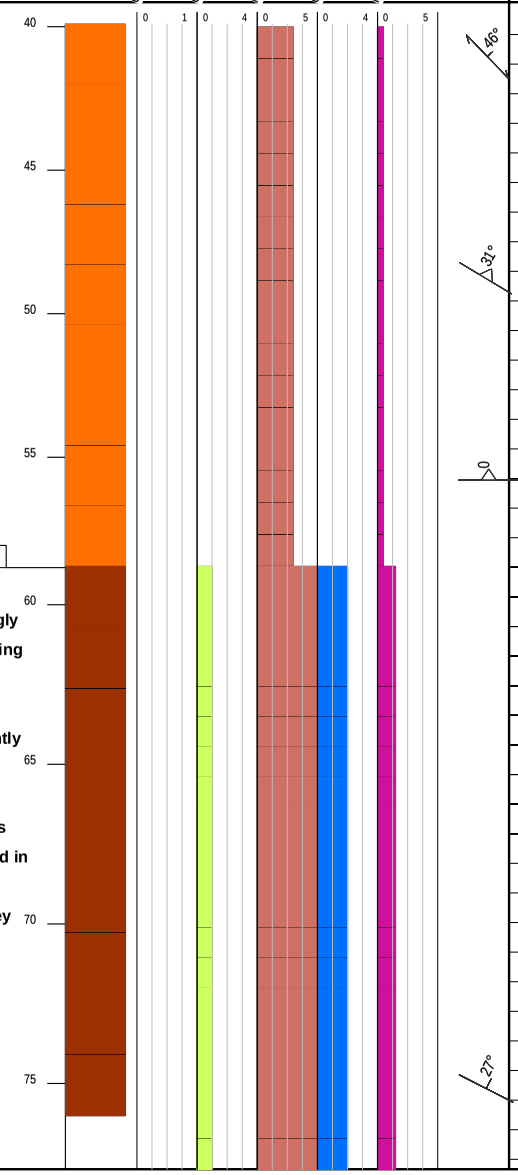
« Chlorite 1.00*»

« Calcite 2.00*»

« Marcasite 6.00%»

« Specularite 1.50%»

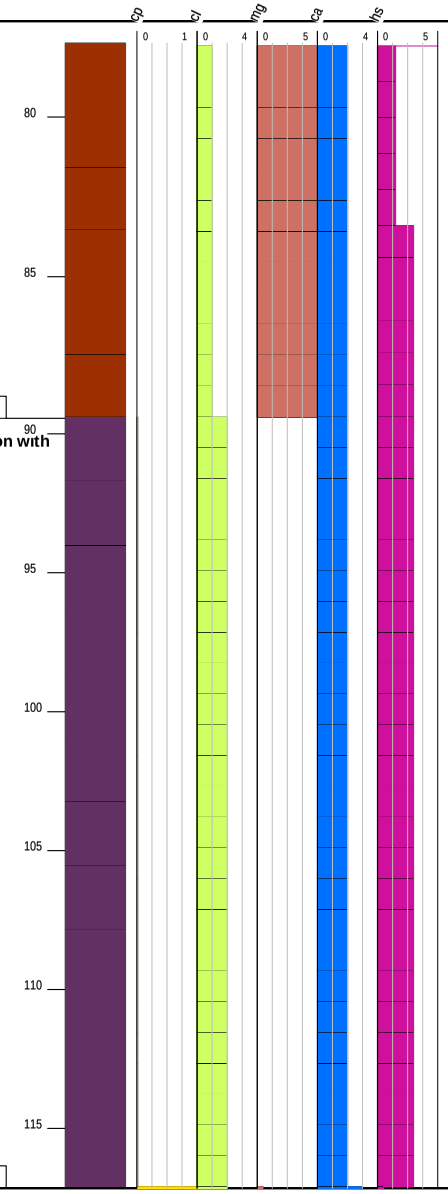
« 58.80- 89.40 Pyrite 0.10%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
58.80	62.00	3.20	844203	0.028	0.01	17	6.9	9.95
62.00	65.00	3.00	844204	0.067	0.03	63	17.2	65.60
65.00	68.00	3.00	844205	0.014	0.03	48	7.4	13.45
68.00	71.00	3.00	844206	0.035	0.01	37	12.8	13.60
71.00	74.00	3.00	844207	0.025	0.03	70	32.9	14.35
74.00	77.00	3.00	844208	0.011	0.02	5	23.5	5.50
77.00	80.00	3.00	844209	0.029	0.05	36	12.1	7.22
80.00	83.00	3.00	844210	0.005	0.02	17	5.4	3.47
83.00	86.00	3.00	844211	0.035	0.03	293	12.7	24.60
86.00	89.40	3.40	844212	0.029	0.02	9	8.6	35.90

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description
		« 84.20- 84.30 Malachite 0.10%»
		« 83.40- 89.40 Specularite 3.00%»
		« Pyrite 0.50%»
		Strongly broken core from 66.0 to 67.8m, 70.0 to 74.0m and 78.0 to 86.0m.
		Magnetite-sulfide veins appear to increase down interval but oxidation is strong to intense so sulfide species are difficult to identify
		< @ 75.00 Bedding 27° >
89.40	117.10	bhm
		HOMOLITHIC BRECCIA: purple-green competent rock. Very good coring section with minimal oxidation. Texture is variable from in situ crackle breccia with 50 cm zones of consistent primary layering visible (indicating only minor brecciation) to zones with well-developed fragmental texture. Locally, fragments vary in colour and alteration suggestive of bht. This variability, however, is similar to the variability in sedimentary layering observed where the siltstone protolith is coherent. Therefore, it seems that this breccia body is derived from disintegration of a sedimentary sequence with minor primary variation.
		Breccia cement and fracture infill comprise predominantly bright green chlorite, specular hemaetite and calcite with minor pyrite. Fracturing has no apparent preferred orientation.
		Trace chalcopyrite locally occurs in associataion with chlorite-calcite fractures. The breccia is devoid of magnetite.
		« Calcite 2.00*»
		« Chlorite 2.00*»
		« Pyrite 0.10%»
		« Chalcopyrite 0.01%»
		« Specularite 3.00%»
117.10	201.60	slts



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
89.40	92.00	2.60	844213	0.008	0.02	68	2.6	6.88
92.00	95.00	3.00	844214	-0.005	0.02	58	1.4	0.97
95.00	98.00	3.00	844215	-0.005	0.03	96	1.8	1.98
98.00	101.00	3.00	844216	-0.005	0.02	6	1.7	1.36
101.00	104.00	3.00	844217	0.007	0.01	7	2.6	0.82
104.00	107.00	3.00	844218	-0.005	0.01	74	2.8	0.56
107.00	110.00	3.00	844219	-0.005	0.02	23	2.3	0.90
110.00	113.00	3.00	844220	-0.005	0.03	24	2.8	1.37
113.00	115.00	2.00	844221	-0.005	0.03	7	1.9	1.42
115.00	117.10	2.10	844222	0.005	0.02	24	2.0	2.37
117.10	119.00	1.90	844223	0.020	0.03	711	2.1	3.86

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description

SILTSTONE: moderately to strongly altered and mineralized with chalcopyrite. Colour is variable from grey, green, sandy brown and varies from cm-scale lamination to lamination. Colour is also reflected in alteration intensity. Bedding is generally descernible throughout but has been disrupted by fractures, small hydrothermal breccias and alteration such that the rock overall has a more massive appearance than the phyllite.

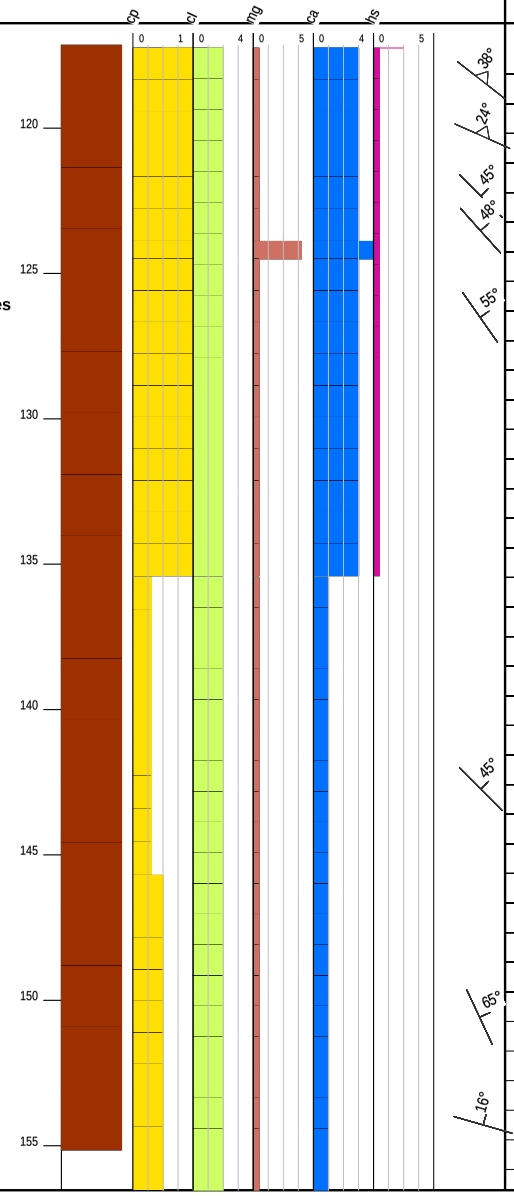
Surficial oxidation is locally strong to intense, particularly to about 150m and is conspicuous owing to secondary copper oxides (tenorite) and carbonates (malachite, azurite) coating fracture surfaces.

MINERALIZED ZONE FROM 117.1 TO 135.4:
« 117.10- 135.40 Calcite 3», pervasive and fracture coating
« Silicification 1.00*», localized and associated with small hydrothermal breccias
« mg 0.50%» as subhedral grains up to 6 mm
« Chlorite 2.00*»
« Chalcopyrite 1.50%»
« 117.10- 135.40 Specularite 0.50%»
« Pyrite 0.10%» , locally rimming larger blebs of chalcopyrite

strongly oxidised from 127.2 m
« 127.20- 135.40 Malachite 3.00%», localised along fractures
« Jarosite 3.00*» jarosite, deep yellow-orange
« Azurite 0.10%»
« Tenorite 0.10%» tenorite, scaly, black grains on fracture surfaces precipitates copper on iron with the addition of acid

« 123.90- 124.50 calcite cemented breccia / vein vein 3.00° 60.00cm»
« Chalcopyrite 3.00%» « Calcite 4.00*» « mg 4.00%»

Structure
< @ 119.30 CP-SI-CA-MC vein 38° 12cm >
< @ 120.10 CA-CA vein 24° 1cm >
< @ 122.20 Bedding 45.00° >
< @ 123.40 Bedding 48.00° >
< @ 126.40 Bedding 55.00° >

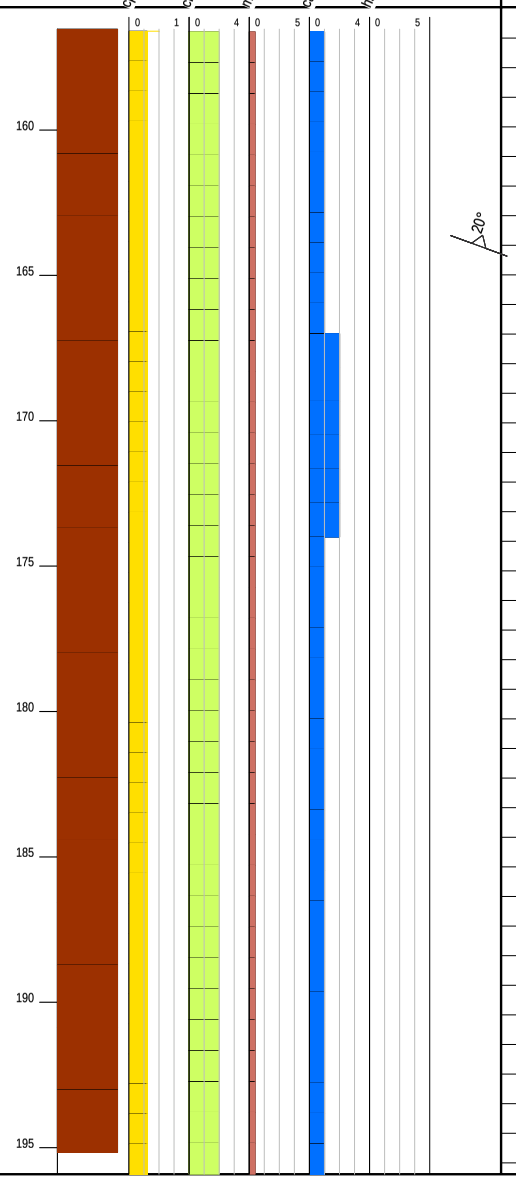


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
119.00	122.00	3.00	844224	0.323	0.10	5170	7.7	8.56
122.00	125.00	3.00	844225	0.066	0.08	3150	6.1	4.86
125.00	127.20	2.20	844227	0.077	0.10	3740	3.4	3.74
127.20	129.90	2.70	844228	0.417	0.45	13550	16.1	37.00
129.90	132.60	2.70	844229	0.321	0.24	7070	8.0	5.37
129.90	132.60	2.70	844230	0.302	0.26	6890	9.0	5.26
132.60	135.40	2.80	844231	0.103	0.14	18650	9.0	25.40
135.40	137.00	1.60	844232	0.008	0.02	403	2.2	46.80
137.00	140.00	3.00	844234	0.006	0.03	817	2.6	7.62
140.00	143.00	3.00	844235	-0.005	0.02	370	4.7	0.84
143.00	146.00	3.00	844236	-0.005	0.03	242	2.5	0.83
146.00	149.00	3.00	844237	-0.005	0.03	1745	2.3	1.34
149.00	152.00	3.00	844238	0.006	0.02	699	1.4	1.05
152.00	155.00	3.00	844239	-0.005	0.01	390	1.6	0.59
155.00	156.60	1.60	844240	-0.005	0.01	470	1.6	0.48
156.60	158.00	1.40	844241	0.006	0.02	395	3.3	0.43
158.00	161.00	3.00	844242	0.005	0.02	678	2.3	0.38
161.00	164.00	3.00	844243	0.005	0.02	832	1.6	0.63
164.00	167.00	3.00	844244	0.005	0.02	126	0.9	0.24
167.00	170.00	3.00	844245	-0.005	0.09	69	1.7	0.35
170.00	173.00	3.00	844246	0.006	0.07	166	2.0	0.37
173.00	176.00	3.00	844247	0.009	0.07	80	1.2	0.32
176.00	179.00	3.00	844248	0.014	0.06	52	1.1	0.35
179.00	182.00	3.00	844249	0.009	0.10	71	1.1	0.32
179.00	182.00	3.00	844250	0.007	0.07	58	1.2	0.39
182.00	185.00	3.00	844251	0.008	0.04	306	2.3	0.52
185.00	188.00	3.00	844252	0.028	0.03	308	3.0	0.96
188.00	191.00	3.00	844253	0.022	0.03	928	1.8	1.14
191.00	194.00	3.00	844254	0.027	0.07	2680	2.1	6.90
194.00	197.00	3.00	844255	0.009	0.06	882	1.7	11.10
197.00	199.30	2.30	844256	0.007	0.03	1080	1.8	91.60
199.30	201.60	2.30	844257	0.022	0.06	5620	2.3	35.60

Project: Werneckes

Hole Number: HV07-21

From	To	Rocktype & Description
		Sporadic, weaker Mineralization from 135.4 to 201.6:
		« 135.45- 201.6 Calcite 1.00*»
		« Chlorite 2.00*»
		« mg 0.50%»
		« Chalcopyrite 0.30%»
		« Pyrite 0.10%»
		« 142.40- 142.60 Sphalerite 1.00%» reddish grains associated with chlorite
		« 145.70- 156.60 Chalcopyrite 0.50%»
		Structure (con't):
		< @ 142.60 Bedding 45.00° >
		< @ 150.50 Bedding 65.00° >
		< @ 154.10 Bedding 16.00° >
		< @ 163.80 QZ-TO-CA-CP vein 20° 1cm >
		« 167.00- 174.00 Calcite 2.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description
201.60	216.40	bhm

HOMOLITHIC BRECCIA: grey, conspicuous breccia texture throughout most of interval comprising fragment-supported, pebble-sized fragments. Bottom of interval looks to be more of a hydrothermal breccia / vein rather than Wernecke Breccia. Fragments are typcially grey, fine-grained and silceous - consistent with siltstone fragments. Cement is variable including grainy rock flour, calcite-chlorite and magnetite between 203.8 and 209.8.

Upper contact is oxidized and characterized by broken, rounded core. Contact is likely a fault.

Chalcopyrite mineralization is common as blebs and irregular masses associated with calcite and minor pyrite. Malacite commonly coats fractured, oxidised surfaces.

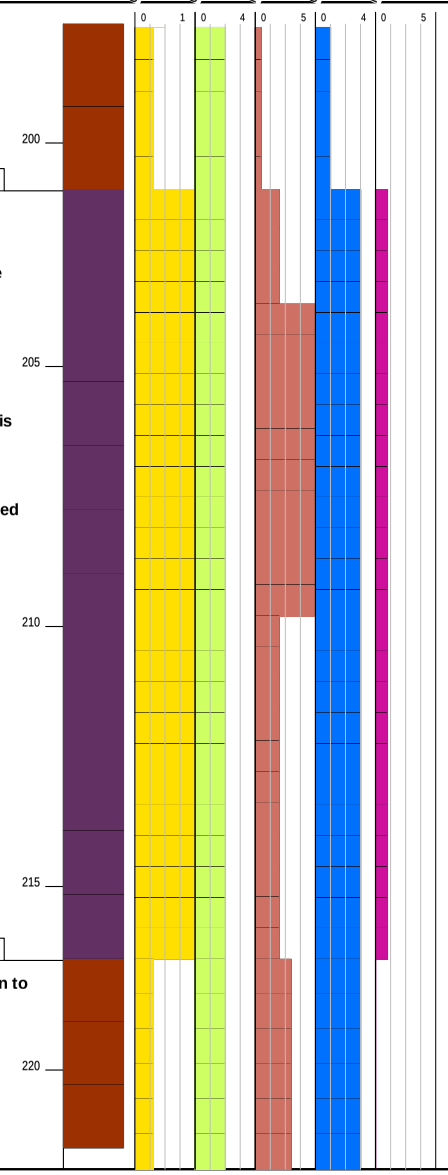
« Calcite 3.00*», pervasive and common along hariline fractures
« Chalcopyrite 1.00%»
« Pyrite 0.10%»
« 201.60- 216.40 Specularite 1.00%»
« mg 2.00%»
« Chlorite 2.00*»

« 203.80- 209.80 mg 15.00%» as breccia cement, locally a crackle breccia with fine magnetite cementing fragments

Lower contact is gradational into siltstone

From	To	Rocktype & Description
216.40	249.10	slts

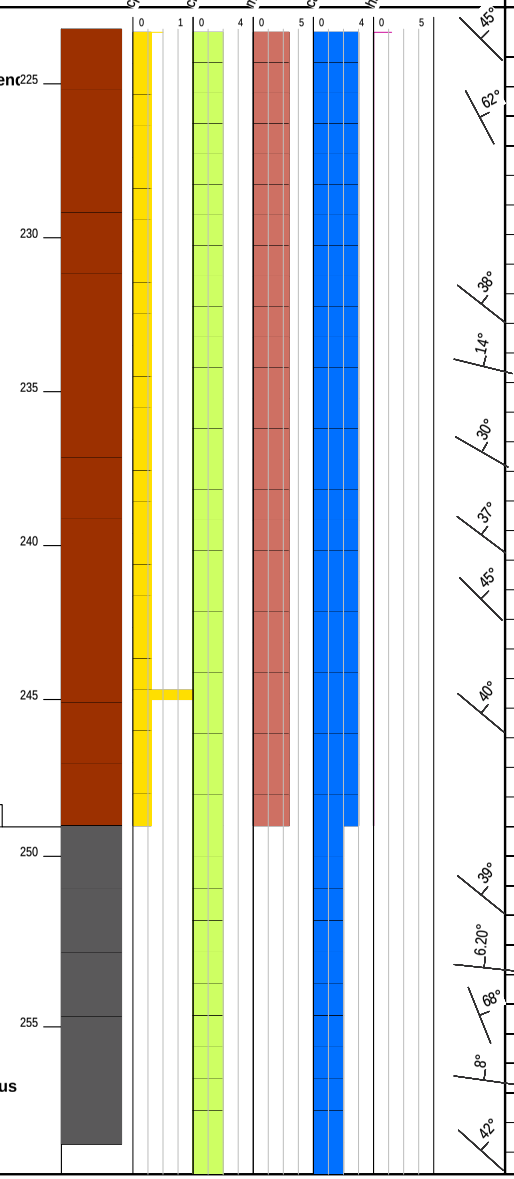
SILTSTONE: green-grey-brown sedimentary rock. Colour varies from lamination to lamination and apparently with grain size which varies from mudstone to fine sandstone. Beds are typically 5 to 10 mm thick. Colour variation is probably due to alteration - including preferential alteration of more porous (i.e. more coarse) beds. Bedding orientation is convoluted and core axis angles are variable. Locally bedding is folded within core but an axial planar cleavage is not present or is very poorly developed.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
201.60	203.80	2.20	844258	0.116	0.17	16150	9.5	69.50
203.80	206.80	3.00	844259	0.082	0.10	7040	3.3	8.42
206.80	209.80	3.00	844260	0.015	0.06	1070	1.8	4.99
209.80	212.00	2.20	844261	0.048	0.05	1560	4.4	3.53
212.00	214.20	2.20	844262	0.107	0.06	3070	5.2	6.18
214.20	216.40	2.20	844263	0.024	0.06	869	2.5	2.43
216.40	218.00	1.60	844264	-0.005	0.03	100	1.8	0.32
218.00	221.00	3.00	844265	0.044	0.04	47	2.7	0.32
221.00	224.00	3.00	844266	-0.005	0.02	15	1.8	0.22
224.00	227.00	3.00	844267	0.005	0.03	60	2.1	0.33
227.00	230.00	3.00	844268	0.011	0.05	413	2.4	0.59
230.00	233.00	3.00	844269	0.005	0.02	28	3.3	0.16
233.00	236.00	3.00	844270	-0.005	0.01	19	2.7	0.07
236.00	239.00	3.00	844271	-0.005	0.03	46	2.8	0.14

Project: Werneckes **Hole Number:** HV07-21

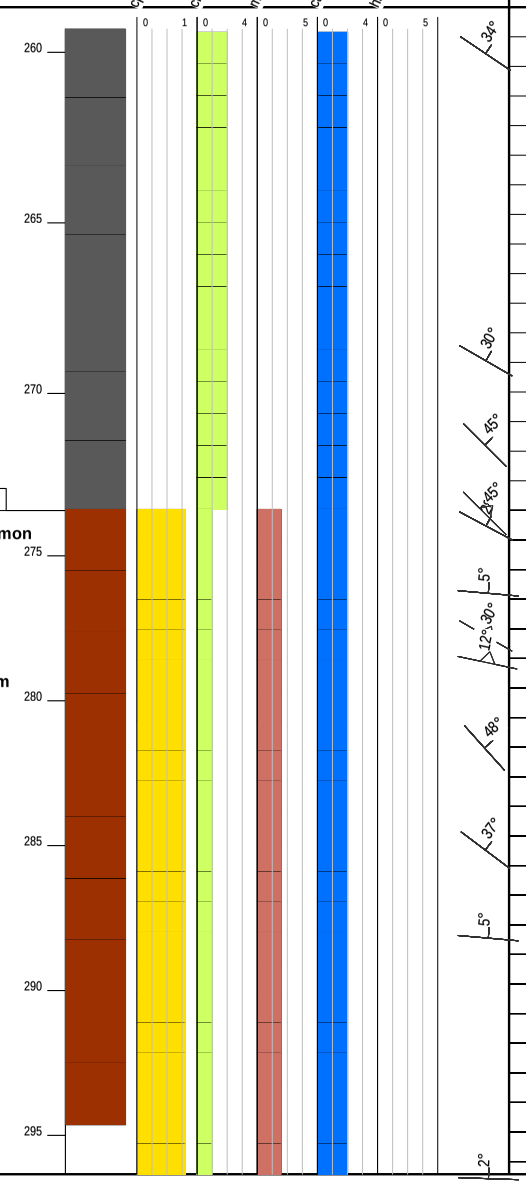
From	To	Rocktype & Description
		Calcite is pervasive and occurs commonly within veins and along hairline fractures. Chlorite and magnetite are also common metasomatic minerals but tend to be more confined to certain laminations. Rare biotite occurs in several mm-scale books associated with calcite veins and small brecciated zones.
		« Calcite 3.00*»
		« Silicification 2.00*»
		« Chlorite 2.00*»
		« mg 3.00%»
		« Chalcopyrite 0.30%»
		« Pyrite 0.01%»
		« Specularite 0.01%»
		convoluted bedding from 221.1 to 222.0 m comprised of open-style cm-scale folds
		< @ 223.40 Bedding 45.00° >
		< @ 226.00 Bedding 62.00° >
		< @ 234.00 Bedding 14.00° >
		< @ 236.80 Bedding 30.00° >
		< @ 239.50 Bedding 37.00° >
		< @ 241.60 Bedding 45.00° >
		< @ 233.40 Bedding 38.00° >
		< @ 245.30 Bedding 40.00° >
		« 244.70- 245.00 Chalcopyrite 4.00%» , associated with calcite stockwork
249.10	273.40	slt
		SLATE / SILTSTONE: dark grey-black, finer sedimentary rock than previous interval. Well-bedded with cm-scale laminations. More coase (fine ss) beds are characterised by calcite-chlorite-garnet (metamorphic assemblage). Finer beds are siltstone with layers of distinctly brown-coloured fine grained mineral - interp as biotite.
		Locally bedding is strongly folded.
		Calcite veins and stockwork zones are present but less common than in previous interval and never contain chalcopyrite here.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
239.00	242.00	3.00	844272	-0.005	0.03	24	2.7	0.11
242.00	245.00	3.00	844274	0.008	0.06	175	2.7	1.47
245.00	248.00	3.00	844276	-0.005	0.03	9	1.8	0.30
248.00	249.10	1.10	844277	0.005	0.04	77	2.1	0.21
249.10	251.00	1.90	844278	-0.005	0.04	12	2.9	0.41
251.00	254.00	3.00	844279	-0.005	0.04	18	7.0	1.77
254.00	257.00	3.00	844280	0.006	0.03	28	3.6	1.42
257.00	260.00	3.00	844281	-0.005	-0.01	26	4.4	1.32
257.00	260.00	3.00	844282	-0.005	-0.01	29	7.0	1.50
260.00	263.00	3.00	844283	-0.005	-0.01	20	6.2	1.72
263.00	266.00	3.00	844284	-0.005	-0.01	10	3.2	0.59
266.00	269.00	3.00	844285	-0.005	-0.01	13	3.8	1.05
269.00	272.00	3.00	844286	-0.005	-0.01	55	3.5	0.55
272.00	273.40	1.40	844287	0.007	-0.01	261	3.2	1.72

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description
		« Calcite 2.00*»
		« Chlorite 2.00*»
		« Garnet 5.00%»
		« Biotite 1.00*»
		« Pyrite 0.10%», locally associated with coarse-grained pyrrhotite
		< @ 252.00 Bedding 39.00° >
		< @ 253.10 Bedding 62° >
		< @ 254.60 Bedding 68.00° >
		< @ 256.40 Bedding 8.00° >
		< @ 258.50 Bedding 42.00° >
		< @ 259.90 Bedding 34.00° >
		< @ 268.90 Bedding 30.00° >
		< @ 271.40 Bedding 45.00° >
273.40	354.10	slts
		SILTSTONE: chalcopyrite-mineralised zone. Similar to 216 to 249 but with common chalcopyrite associated with calcite veins and veinlets (< mm wide). Colour is brownish-green-grey. Locally calcite veinlets are present only in the finer-grained (more competent) beds whereas the more coarse beds have not fractured to form these veins. A couple different morphologies exist incluing larger lensoid veins that have oblique, discontinuous veinlets emmanating from them - likely extension veins. No vein relation or style is common enough to draw much in the way of generalizations of the orientation of stress axes. Overall though, style is brittle and overprints bedding and metamorphic assemblages.
		Bedding is mostly at low core axis angles but locally is folded and irregular.
		« Calcite 2.00*»
		« Chlorite 1.00*» , generally associated with calcite-rich beds (preferential alteration of sandy layers) and locally with chalcopyrite
		« mg 2.00%»
		« Chalcopyrite 0.80%» , commonly in low angle calcite +/- dolomite veins
		« Pyrite 0.10%»
		« Biotite 1.00*» locally in calcite veins but common as fine-grained aggregates in bedding-concordant layers



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
273.40	275.00	1.60	844288	0.077	0.02	1810	2.7	0.85
275.00	278.00	3.00	844289	0.113	0.04	4250	3.1	4.68
278.00	281.00	3.00	844290	0.586	0.05	3700	7.0	6.78
281.00	284.00	3.00	844291	0.063	0.04	1570	4.4	4.90
284.00	287.00	3.00	844292	0.034	0.03	723	2.9	37.50
287.00	290.00	3.00	844293	0.044	0.02	1260	3.1	4.52
290.00	293.00	3.00	844294	0.051	0.05	4010	2.5	33.60
293.00	296.00	3.00	844295	0.139	0.07	6300	3.2	9.00
296.00	299.00	3.00	844296	0.122	0.04	3050	3.5	1.04
299.00	302.00	3.00	844297	0.028	0.03	945	3.3	0.79
302.00	305.00	3.00	844298	0.036	0.03	1150	3.1	0.87
305.00	306.10	1.10	844299	0.255	0.05	6980	2.7	6.58
306.10	309.00	2.90	844300	0.026	0.05	641	2.5	82.40
309.00	311.90	2.90	844301	0.021	0.03	578	2.5	1.38
311.90	314.10	2.20	844302	0.254	0.22	4950	2.8	2.91
314.10	317.00	2.90	844303	0.064	0.04	1920	2.7	1.67
317.00	320.00	3.00	844304	0.170	0.05	3210	3.5	2.18
320.00	322.10	2.10	844305	0.057	0.03	1620	3.1	0.93
322.10	322.80	0.70	844306	0.049	0.14	2830	1.8	0.53
322.80	323.50	0.70	844308	0.043	0.05	1990	2.4	0.79
323.50	325.30	1.80	844309	0.120	0.10	8900	2.0	8.84
325.30	328.30	3.00	844310	0.560	0.04	1190	3.8	2.16
328.30	331.30	3.00	844311	0.058	0.04	1640	2.3	1.53

Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description

« 299.50- 303.50 mg 5.00%» predominantly as euhedral grains confined to more coarse-grained beds
« 305.00- 306.10 Chalcopyrite 3.00%»

Structure:
< @ 273.80 Bedding 28.00° >
< @ 276.10 Bedding 5.00° >
< @ 273.40 CA-CL-CP 45.00° 1.00cm >
< @ 277.60 CA-CL-CP 30.00° 0.80cm >
< @ 278.50 CA-DO-CL-CP 12° 2cm >, irregular breccia vein
< @ 281.50 Bedding 48.00° >
< @ 285.00 Bedding 37.00° >
< @ 288.00 Bedding 5.00° >
< @ 296.30 Bedding 2.00° >
< @ 300.00 Bedding 52.00° >
< @ 303.40 Bedding 20.00° >
< @ 318.00 Bedding 29.00° >
< @ 319.40 Bedding 5.00° >
< @ 321.50 Bedding 26.00° >

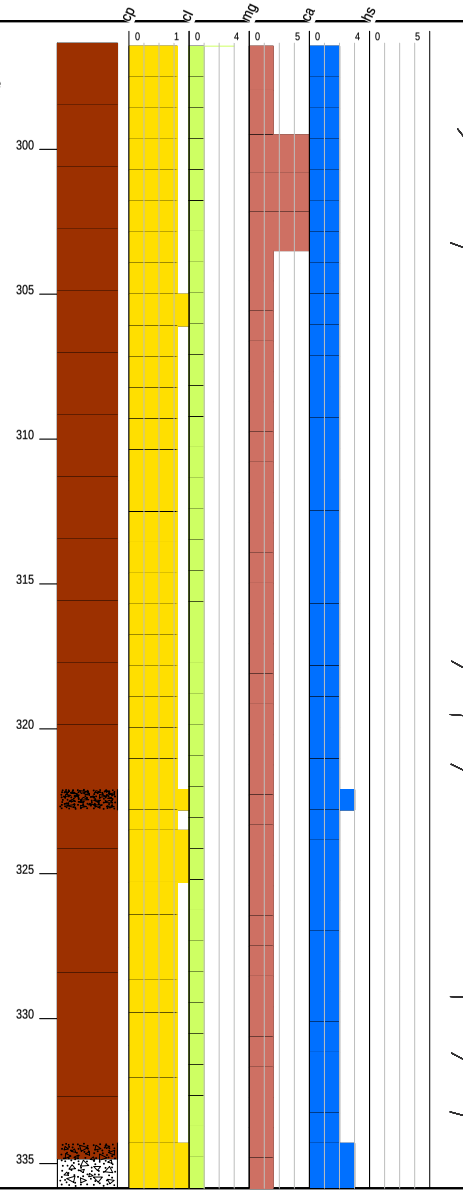
« 322.10- 322.80 bht 0°», Breccia, likely Wernecke Breccia but could be just a hydrothermal breccia (e.g. late calcite event breccia) but it is heterolithic. Upper contact at 52 degrees and lower contact at 26 degrees, fairly sharp contacts « Calcite 3.00*» « Chalcopyrite 3.00%»

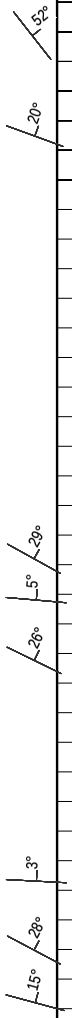
« 323.50- 325.30 Chalcopyrite 3.00%»

< @ 329.10 Bedding 3.00° >
< @ 331.50 Bedding 28.00° >
< @ 333.30 Bedding 15.00° >

« 334.30- 341.10 brecciated slts 0°», common irregular hydrothermal breccias with white calcite cement, minor dolomite.
« Biotite 2.00*» « Chalcopyrite 2.00%» « Calcite 3.00*»

< @ 346.80 Bedding 22.00° >
< @ 353.30 Bedding 0° >

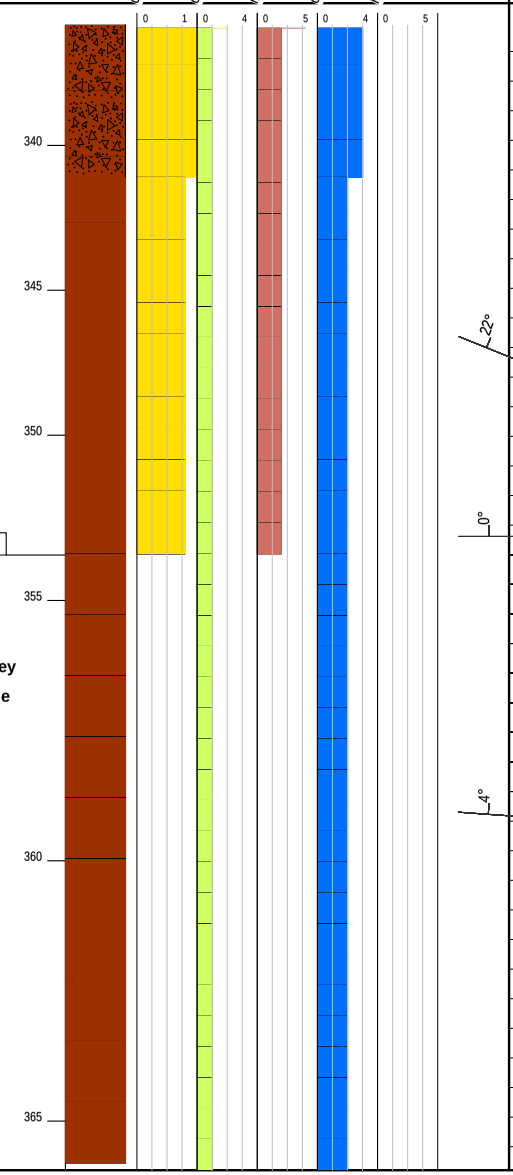




From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
331.30	334.30	3.00	844312	0.043	0.03	1120	2.4	1.02
334.30	337.20	2.90	844313	0.047	0.10	1605	12.2	6.20
337.20	339.20	2.00	844314	0.036	0.04	1275	1.7	14.60
339.20	341.10	1.90	844315	0.055	0.03	1530	15.9	17.10
341.10	344.00	2.90	844316	0.035	0.04	882	3.2	1.50
344.00	347.00	3.00	844317	0.047	0.02	1055	2.9	0.68
347.00	350.00	3.00	844318	0.088	0.05	2710	3.1	1.06
350.00	352.00	2.00	844319	0.017	0.03	917	1.8	1.88
352.00	354.10	2.10	844320	0.027	0.03	716	34.5	0.51

Project: Werneckes **Hole Number:** HV07-21

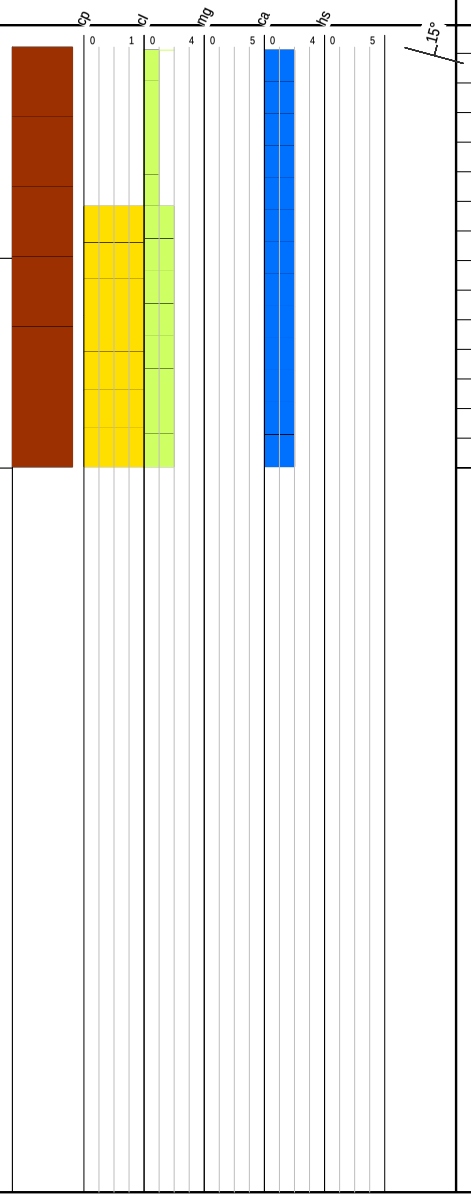
From	To	Rocktype & Description
		« 343.50- 354.10 Biotite 2.00*» within calcite veins as mm-scale books or grains
354.10	374.00	slts
		SILTSTONE: dark grey-green, fresh relative to other intervals, laminations varied from fine-grained dark silt sized to cm-scale laminations of fine sandstone that preferentially contain red-brown garnet grains (up to 4 mm), rounded porphyblasts of calcite (pseudomorphs?), fine-grained pyrite and flakey dark green-brown biotite. These beds are locally attenuated and wavy - possible a primary influence (e.g. load casts?) or maybe deformation related.
		« Calcite 2.00*» « Biotite 2.00*» « Garnet 3.00%» « Chlorite 1.00*» « Pyrite 0.30%»
		Several planar calcite calcite veins cut bedding at high low angles.
		Bedding is consistently at a low core axis angle.
		< @ 359.00 Bedding 4.00° >
		< @ 366.00 Bedding 15.00° >
		From 369m the rock becomes alterated characterized by a light brown colour including a couple alteration selvedges where rock is distinctly bleached, fine-grained and hard - albite alteration?



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
354.10	356.00	1.90	844321	0.005	0.06	137	2.8	0.83
356.00	359.00	3.00	844322	0.006	0.05	118	3.3	0.73
359.00	362.00	3.00	844323	0.005	0.04	55	3.0	0.63
362.00	365.00	3.00	844324	-0.005	0.04	92	3.8	0.84
365.00	367.00	2.00	844325	-0.005	0.05	87	3.8	0.87
367.00	369.00	2.00	844326	0.008	0.04	314	4.5	0.85
369.00	370.40	1.40	844327	0.024	0.01	737	3.4	0.75
370.40	371.80	1.40	844329	0.222	0.08	10950	2.1	0.80
371.80	374.00	2.20	844330	0.029	0.03	628	2.1	0.56

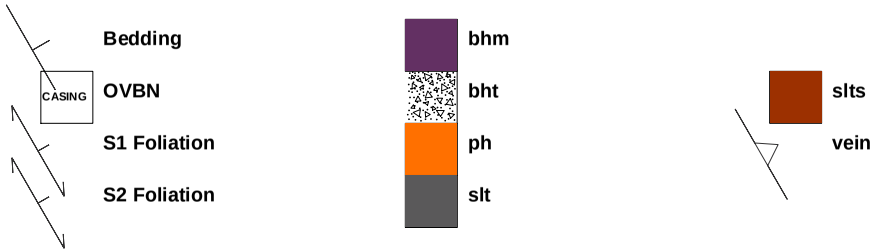
Project: Werneckes **Hole Number:** HV07-21

From	To	Rocktype & Description
		Chalcopyrite increases in this zone and is most abundant in a fractured alteration / vein zone between 370.4 and 371.8. Biotite is also a common phase within calcite-calcopyrite veins
		« 369.00- 374.00 Biotite 2» « Chalcopyrite 1.00%» « Chlorite 2.00*»
		« 370.40- 371.80 Chalcopyrite 3.00%»
		374 = EOH, shut down 74m past target based on decreased chalcopyrite mineration between 354 to 369 and on low abundance of chalcopyrite from about 300 m.
374.00	374.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 804.0
Hole HV07-22	**Azimuth (º):** 260
Location: 7217140 m North, 535666 m East	**Dip (º):** -70.0
Logged by: D. Baker	**Length (m):** 340.00
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/05/30 **Date Completed:** 2007/06/04	
Dip Tests By: Reflex	
Objective Updip test of mineralization in HV94-05 and HV94-08.	

Summary Log:

0.0-8.9 m CASING

8.9-83.4 m HETEROLITHIC BRECCIA (bht): moderate calcite, weak chlorite alteration, 0.3% pyrite, 1.5% specularite, localized chalcopyrite up to 2% (e.g. from 57.2 to 68.0 m)

47.0-50.0 m DIORITE (di): weak calcite, 0.5% specularite, broken contacts

83.4-83.8 m FAULT BRECCIA (fltbx)

83.8-340.0 m SILTSTONE (slts): moderately altered to 168 m with calcite-chlorite-dolomite and 0.8% chalcopyrite, 0.5% magnetite, weakly altered from 168 to 222 m. Strongly mineralized from 272 to 277 with 2.5% chalcopyrite but then alteration and mineralization decreases.

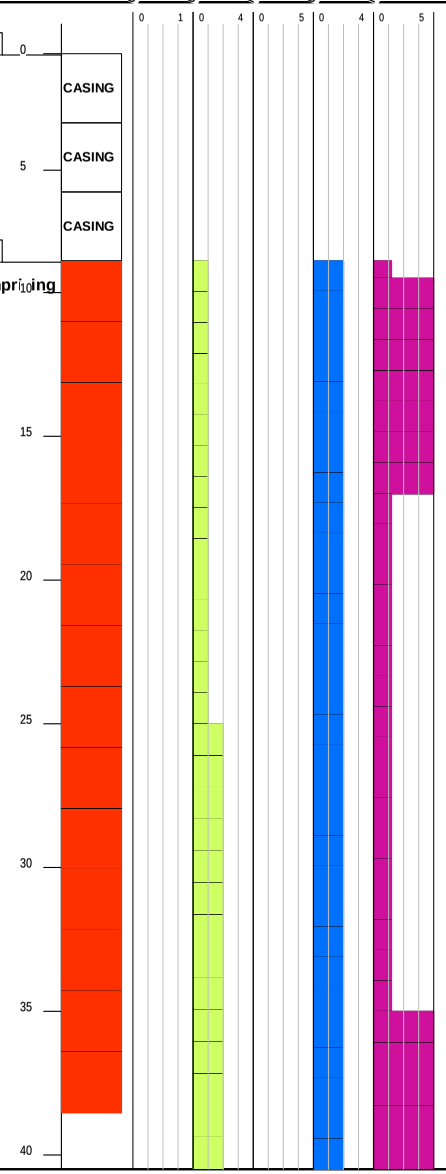
340.0 m = EOH

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	260.00
29.00	-68.60	277.70
140.00	-68.70	280.50
240.00	-68.80	286.30
340.00	-68.60	289.90

Project: Werneckes **Hole Number:** HV07-22

From	To	Rocktype & Description
0.00	8.90	OVBN OVERBURDEN: casing, no recovered core
8.90	47.00	bht HETEROLITHIC BRECCIA: Wernecke Breccia. Moderately oxidised, mostly comprising chocolate brown carbonate and local manganese stained fracture surfaces. « Calcite 2.00*» « Specularite 1.50%» « Chlorite 1.00*» « Pyrite 0.30%» locally more strongly altered silicified, hemaetite or chloritised zones. « 9.50- 17.00 Specularite 10.00%» as breccia cement mostly and locally as rounded to angular blebs - possibly replacing a fragment type « 17.00- 23.50 Silicification 2.00*» , pale brown, patchy fine-grained silceous alteration « 25.00- 47.00 Chlorite 2.00*» generally as cement to breccia « 25.00- 47.00 Dolomite 3.00%» , generally as porphyroblastic, euhedral rombs up to 3 mm that are generally intergrown with chlorite « 35.00- 47.00 Specularite 5.00%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
8.90	11.00	2.10	844332	0.011	0.03	54	3.9	1.58
11.00	14.00	3.00	844333	0.008	0.02	3	1.1	1.60
14.00	17.00	3.00	844334	0.007	0.03	5	1.2	1.92
17.00	20.00	3.00	844335	-0.005	-0.01	1	1.3	0.75
20.00	23.00	3.00	844336	0.005	0.02	3	2.1	2.18
23.00	26.00	3.00	844337	0.005	0.02	2	2.5	3.04
26.00	29.00	3.00	844338	0.008	0.02	7	5.5	10.85
29.00	32.00	3.00	844339	-0.005	0.05	21	4.3	10.35
32.00	35.00	3.00	844340	-0.005	0.03	3	5.7	3.53
35.00	38.00	3.00	844341	0.005	0.03	6	2.4	4.70
38.00	41.00	3.00	844342	0.021	0.05	10	7.1	19.20
41.00	44.00	3.00	844344	0.008	0.06	8	3.6	14.80
44.00	47.00	3.00	844345	0.014	0.02	5	2.7	11.35

Project: Werneckes **Hole Number:** HV07-22

From	To	Rocktype & Description
47.00	50.00	di

DIORITE: medium-grained, green, contacts are broken and orientation unknown. More massive with few fractures and rare calcite veins.

« Specularite 0.50%» « Calcite 1.00*» minor reddish-brown alteration product, trace quantity, might be sphalerite or luecoxene.

From	To	Rocktype & Description
50.00	83.40	bht

HETEROLITHIC BRECCIA: Wernecke Breccia. Similar to unit above diorite.

« Calcite 2.00*» « Chlorite 2.00*»
« Specularite 5.00%» generally as disseminated subhedral to bladed grains

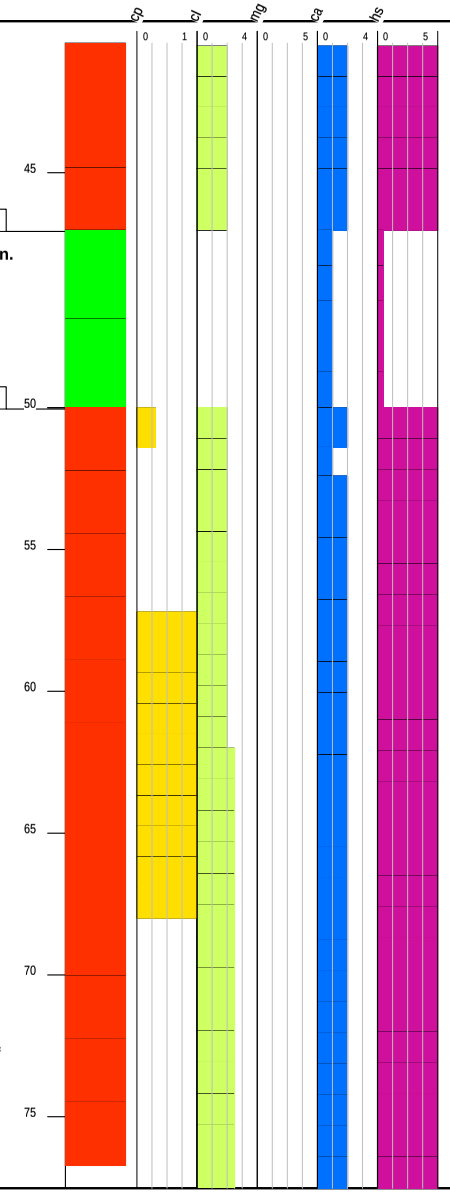
« 50.00- 51.40 0.3% Chalcopyrite »

« 51.40- 52.40 Silicification 3.00*» « Calcite 1.00*» distinct massive, pinkish unit with irregular contacts with breccia. Might be a large fragment os an alteration zone. Likely the former since a few similar, pebble-sized fragments occur in adjacent breccia

« 52.40- 65.00 Pyrite 3.00%» as euhedral, rounded grains up to about 3 mm that locally givethe rock a spotted appearence.

« 57.20- 68.00 Chalcopyrite 2.00%» mostly as blebs and fracture-controlled grains associated with chlorite and calcite. Locally coarse-grained chalcopyrite is intergrown with specular hemaetite within a fragment but this mineralisation is also (like all other chalcopyrite) associated with calcite along fracture and with chlorite. Specular hemaetite appears to be earlier and is likely a replacement of fragments. This feature is farily common within this breccia unit where some fragments are comprised of about 80% specular hemaetite.

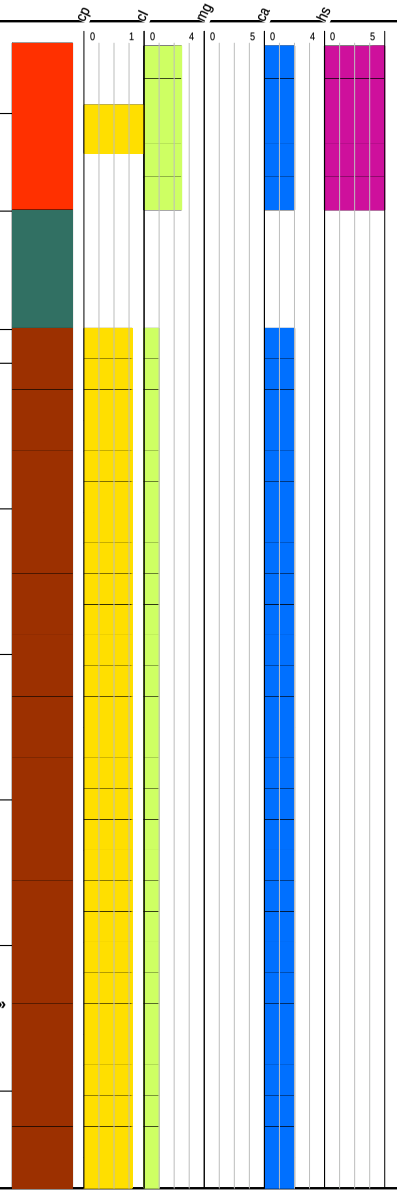
« 62.00- 83.40 Dolomite 2.00%» , euhedral in caclite-chlorite veins



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
47.00	50.00	3.00	844346	-0.005	0.01	5	0.5	0.70
50.00	51.40	1.40	844347	-0.005	0.02	87	1.2	1.09
51.40	52.40	1.00	844348	0.007	0.05	655	6.8	2.79
52.40	54.80	2.40	844349	-0.005	0.02	376	1.5	0.68
54.80	57.20	2.40	844350	0.006	0.04	427	1.5	1.94
57.20	59.00	1.80	844351	0.010	0.08	1525	2.2	2.12
59.00	62.00	3.00	844352	0.009	0.09	897	2.2	2.41
62.00	65.00	3.00	844353	0.008	0.03	767	1.9	6.50
65.00	68.00	3.00	844354	0.007	0.04	1570	2.6	13.80
68.00	70.30	2.30	844355	0.012	0.06	1000	2.6	15.55
70.30	72.50	2.20	844356	0.020	0.08	47	7.2	25.20
72.50	74.70	2.20	844357	0.011	0.03	76	21.2	18.30
74.70	77.00	2.30	844358	-0.005	-0.01	88	18.4	5.34
77.00	79.70	2.70	844359	-0.005	0.02	103	3.8	2.71
79.70	81.40	1.70	844360	0.064	0.22	12850	3.8	4.66
81.40	83.40	2.00	844361	0.032	0.08	2910	7.4	37.40

Project: Werneckes **Hole Number:** HV07-22

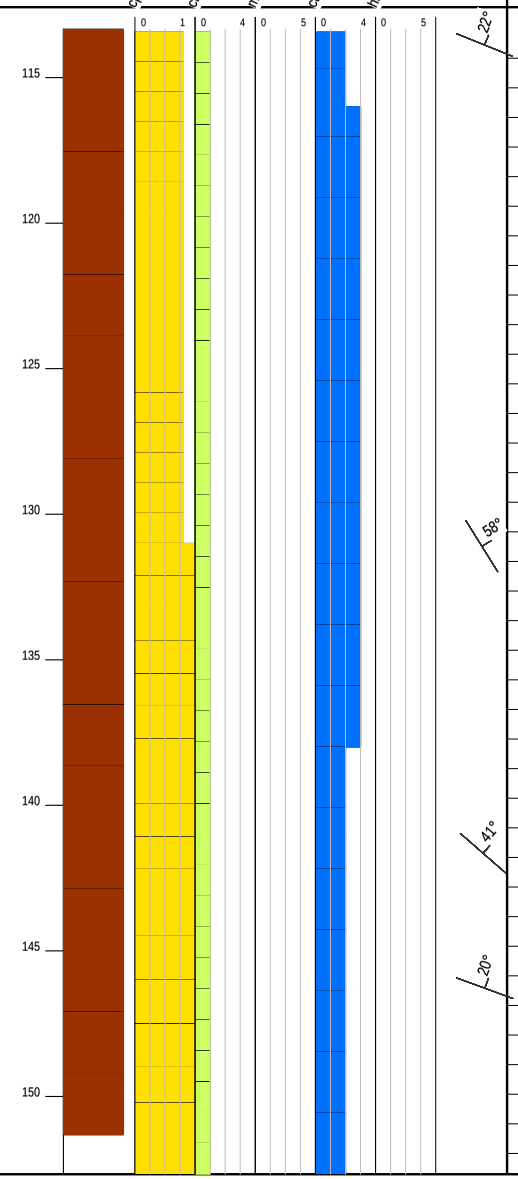
From	To	Rocktype	& Description
			« Chlorite 2.50*»
			« 70.30- 81.40 Silicification 3.00*»
			« Chalcopyrite 68.00-83.40% 0.50cm»
			« 79.70- 81.40 Chalcopyrite 4.00%»
83.40	83.80	fltbx	
			FAULT BRECCIA: poor recovery, clay-rich fault zone. No sample because little material recovered.
83.80	168.20	slts	
			SILTSTONE: metasomatised sedimentary rock. Bedding is generally visible characterised by cm-scale laminations varying from fine sandstone to siltstone. Metre-scale hydrothermal breccias with calcite cement locally obliterate bedding. Generally this unit is light brown to darker green - most of this bleaching appears to be caused by alteration, although oxidation (surficial) is locally strong evidenced by brown, grungy carbonate and locally limonitic fractures.
			The unit is mineralised with chalcopyrite and minor pyrite. Specular hemaetite and coarse-grained magnetite are locally present typically forming dark bands.
			Calcite is common as hairline fracture throughout, as pervasive alteration and as veins and breccia cement.
			« Calcite 2.00*»
			« Chlorite 1.00*»
			« Dolomite 0.20%»
			« Chalcopyrite 0.80%»
			« mg 0.50%»
			« Pyrite 0.05%»
			Secondary copper oxides and carbonates are common throughout « Malachite 0.50%»
			« Azurite 0.10%» « Tenorite 0.02%»
			Structure:
			< @ 90.20 Bedding 30.00° >
			< @ 89.50 CA-CP vein 45.00° 1.00cm >
			< @ 95.60 Bedding 32.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
83.40	86.00	2.60	844362	0.046	0.05	1795	5.8	8.00
86.00	89.00	3.00	844363	0.102	0.16	6560	7.2	12.10
89.00	92.00	3.00	844364	0.059	0.08	2940	14.5	5.32
92.00	95.00	3.00	844365	0.026	0.04	2360	9.9	4.87
95.00	98.00	3.00	844366	0.247	0.14	6540	14.4	18.40
98.00	101.00	3.00	844367	0.060	0.15	5610	5.3	8.30
101.00	104.00	3.00	844368	0.056	0.08	2750	6.0	6.43
104.00	107.00	3.00	844370	0.047	0.06	2330	4.0	8.75
107.00	110.00	3.00	844371	0.038	0.05	2490	3.6	8.54
110.00	113.00	3.00	844372	0.040	0.07	2590	12.1	20.10
113.00	116.00	3.00	844373	0.039	0.08	2400	4.2	12.60
116.00	119.00	3.00	844374	0.024	0.05	1700	4.1	3.94
119.00	122.00	3.00	844375	0.086	0.11	4640	4.0	8.46
122.00	125.00	3.00	844376	0.104	0.09	3660	7.1	6.39
125.00	128.00	3.00	844377	0.020	0.04	1920	3.0	2.12
128.00	131.00	3.00	844378	0.113	0.06	3960	2.7	4.19
131.00	134.00	3.00	844379	0.041	0.07	4220	5.6	5.10
131.00	134.00	3.00	844380	0.037	0.01	1675	1.4	1.21
134.00	137.00	3.00	844381	0.109	0.12	5030	4.5	3.76
137.00	140.00	3.00	844382	0.052	0.12	7030	3.4	10.15
140.00	142.20	2.20	844383	0.074	0.09	3830	7.4	3.79
142.20	143.00	0.80	844384	0.227	0.46	21300	3.2	3.17
143.00	146.00	3.00	844385	0.265	0.11	5970	5.6	5.70
146.00	149.00	3.00	844386	0.169	0.23	13400	4.5	8.23
149.00	152.00	3.00	844387	0.511	0.21	16650	4.5	14.45
152.00	153.50	1.50	844388	1.190	3.99	45800	20.6	136.50
153.50	155.00	1.50	844389	0.090	0.13	14200	7.2	16.80
155.00	158.00	3.00	844391	0.011	0.08	1110	2.6	3.65
158.00	161.00	3.00	844392	0.014	0.04	446	2.5	0.93
161.00	164.00	3.00	844393	-0.005	0.06	141	3.9	1.14
164.00	168.20	4.20	844394	0.251	0.22	4100	5.0	2.80

Project: Werneckes **Hole Number:** HV07-22

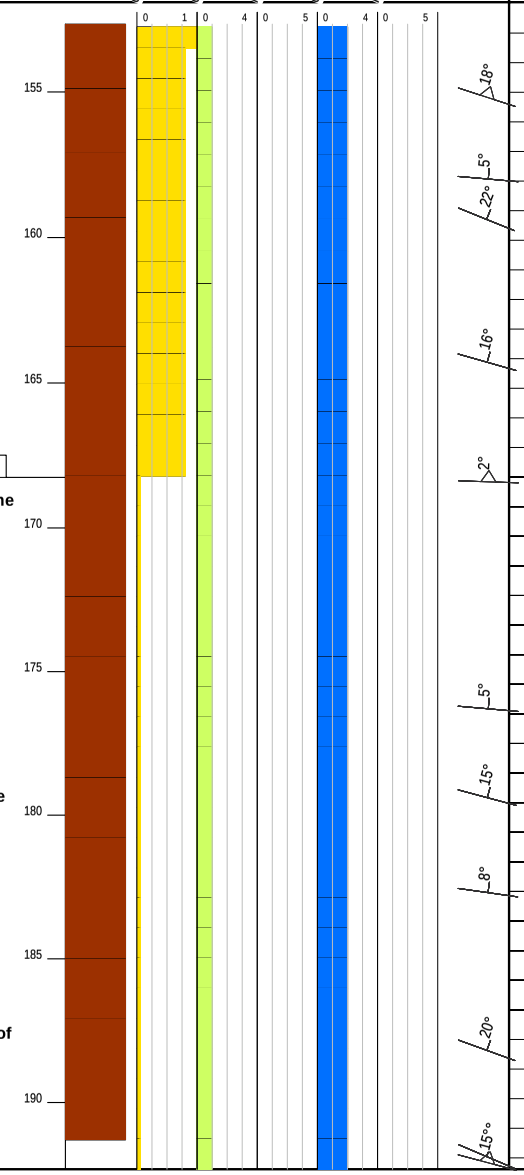
From	To	Rocktype & Description
		< @ 95.80 CA veins 62.00° 1.00mm >, series of hairline calcite veins nearly perpendicular to bedding
		< @ 97.60 CP vein 42° 1cm >, irregular vein of chalcopyrite with minor pyrite, cuts across bedding
		Glassy quartz vein at 102.5, irregular, contains minor chalcopyrite but this appears to be related to overprinting calcite-dolomite-chlorite-filled fractures
		« 131.00- 153.50 Chalcopyrite 1.50%»
		« 142.20- 143.00 Chalcopyrite 6.00%» irregular chalcopyrite-filled fracture zones
		« 146.00- 149.00 Chalcopyrite 3.00%»
		< @ 107.10 Bedding 23.00° >
		< @ 113.70 Bedding 22.00° >
		< @ 131.00 Bedding 58.00° >
		< @ 133.20 calcite-ch CA-CP fracture 56.00° >, high angle to bedding with coarse-grained blebs of chalcopyrite forming along thin calcite fractures
		< @ 141.50 Bedding 41.00° >
		< @ 146.10 Bedding 20.00° >
		< @ 153.50 boudary to strongly oxidised zone shear zone 50.00° >, 3 cm of well-developed cataclasite
		intense oxidation between 151.5 and 153.5, stong limonite,minor copper carbonates
		< @ 155.00 vein 18° 1cm >, calcite-malachite stained
		< @ 157.80 Bedding 5.00° >
		< @ 159.20 Bedding 22.00° >
		< @ 164.10 Bedding 16.00° >
		Alteration:
		« 98.00- 108.30 Silicification 2.00*» , finer-grained sedimentary units seem preferentially silicified



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-22

From	To	Rocktype & Description
		« 116.00- 138.00 Calcite 3.00*» , stronger calcite is associated with crackle breccia zones (e.g. at 116 to 124 characterized by abundant calcite filled fractures with minor dolomite and tourmaline Minor black tourmaline at 112.3 within a quartz-calcite vein
168.20	222.80	slts
		SILTSTONE: grey, darker coloured (less altered) than previous interval but same protolith. Calcite veining is less common and this interval only contains rare chalcopyrite. Unit is laminated on a cm-scale with more coarse beds characterised by abundant calcite with minor chlorite and rare reddish garnet. « Calcite 2.00*» « Chlorite 1.00*» « 168.20- 222.80 Biotite 1.00*» as fine, dark layers witihin more coarse beds associated with calcite and chlorite « Dolomite 1.00%», occurring as euhedral grains locally present in more coarse beds, weatherd to orange-brown « Pyrite 0.20%» localised within calcite veins « Chalcopyrite 0.05%» , rare, within calcite veins and stockworks « 168.20- 182.50 Malachite 0.10%», generally as malachite-stained bedding planes, moderately oxidised « 215.00- 222.80 Chalcopyrite 0.10%» slightly more abundant towards bottom of interval but generlly in low-angle calcite veins Structure: Core axis angles of both bedding and calcite veining are generally low across



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
168.20	170.00	1.80	844396	0.008	0.08	551	3.4	2.15
170.00	173.00	3.00	844397	-0.005	0.05	761	3.5	1.83
173.00	176.00	3.00	844398	-0.005	0.04	1300	3.8	1.54
176.00	179.00	3.00	844399	-0.005	0.05	66	3.3	1.01
179.00	182.00	3.00	844400	-0.005	0.05	433	3.2	1.55
182.00	185.00	3.00	844401	-0.005	0.05	69	3.8	0.82
185.00	188.00	3.00	844402	0.008	0.05	93	3.0	0.69
188.00	191.00	3.00	844403	-0.005	0.06	22	4.4	0.99
191.00	194.00	3.00	844404	0.005	0.05	159	4.4	1.30
194.00	197.00	3.00	844405	0.006	0.06	85	5.7	2.97
197.00	200.00	3.00	844406	-0.005	0.04	35	3.9	0.93
200.00	203.00	3.00	844407	0.006	0.04	36	4.3	0.97
203.00	206.00	3.00	844408	-0.005	0.04	32	4.3	0.67
206.00	209.00	3.00	844409	-0.005	0.04	31	3.5	0.59
209.00	212.00	3.00	844410	0.005	0.04	27	3.8	0.67
212.00	215.00	3.00	844411	-0.005	0.05	29	3.6	0.97
215.00	218.00	3.00	844412	0.009	0.04	297	3.7	0.74
218.00	221.00	3.00	844413	0.013	0.03	347	4.3	0.74
221.00	222.80	1.80	844414	0.010	0.06	257	3.5	1.04

Project: Werneckes **Hole Number:** HV07-22

From	To	Rocktype & Description

this interval but are at moderate to high angles with respect to each other
(i.e. veins are not bedding concordant)

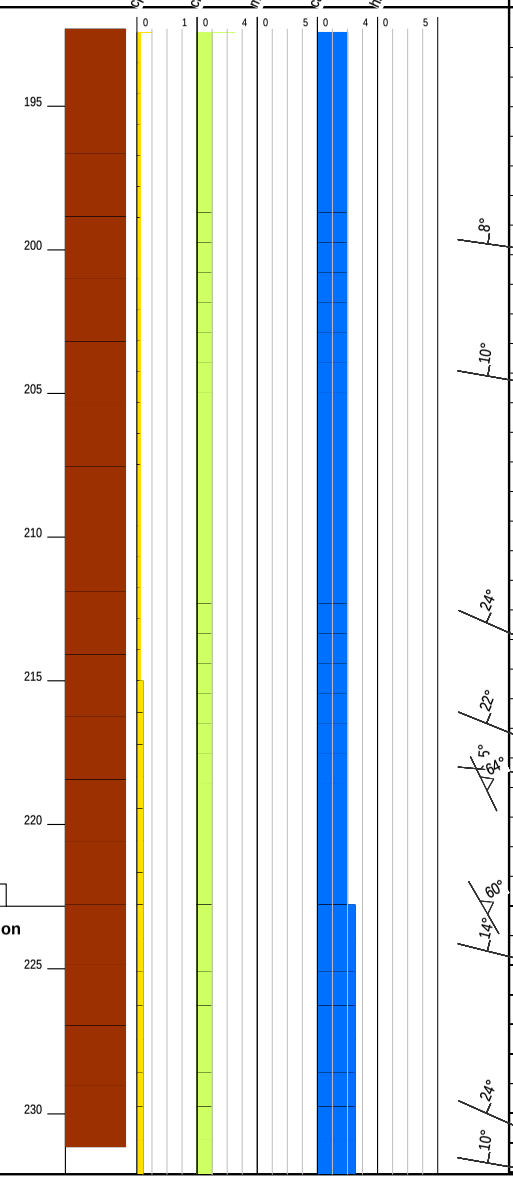
< @ 176.10 Bedding 5.00° >
< @ 179.20 Bedding 15.00° >
< @ 182.50 Bedding 8.00° >
< @ 188.00 Bedding 20.00° >
< @ 191.70 Bedding 23.00° >
< @ 191.90 ca-cl vein 15.00° 2.50cm >,planar to irregular
< @ 199.60 Bedding 8.00° >
< @ 204.20 Bedding 10.00° >
< @ 212.80 Bedding 24° >
< @ 216.30 Bedding 22.00° >
< @ 168.20 ca-cl-cp vein 2.00° 1.00cm >
< @ 217.90 ca-cl-cp vein 5.00° 0.50cm > trace chalcopyrite
< @ 218.50 ca-cl-bi-cp vein 64.00° 1.00cm > trace chalcopyrite

222.80 272.80 slts

SILTSTONE: more strongly altered rock. Colour variation depending on alteration intensity from dark brown to sandy brown. Locally hard, fine-grained alteration phase is localized along fractuers - albite?

Local chalcopyrite associated with calcite veins.

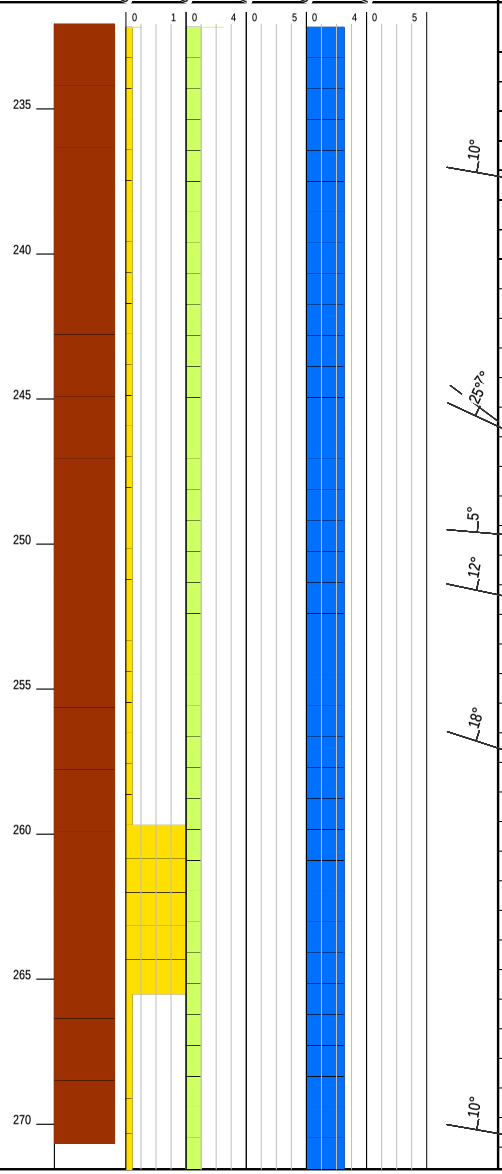
Calcite is weak to strong depending on the grain size of the protolith - more coarse beds have strong calcite.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
222.80	224.00	1.20	844415	0.017	0.04	562	3.9	0.67
224.00	227.00	3.00	844416	0.059	0.04	1200	3.2	2.08
227.00	230.00	3.00	844417	0.026	0.04	892	3.4	2.26
230.00	233.00	3.00	844418	0.029	0.03	1350	3.4	1.33
233.00	236.00	3.00	844419	0.027	0.03	1225	2.4	2.63
236.00	239.00	3.00	844420	0.007	0.03	307	2.9	1.01
239.00	242.00	3.00	844421	0.016	0.04	357	3.4	0.45
242.00	245.00	3.00	844422	0.015	0.04	297	3.5	0.56
245.00	248.00	3.00	844423	0.025	0.04	912	4.0	0.91
248.00	251.00	3.00	844426	0.025	0.06	656	3.9	1.59

Project: Werneckes **Hole Number:** HV07-22

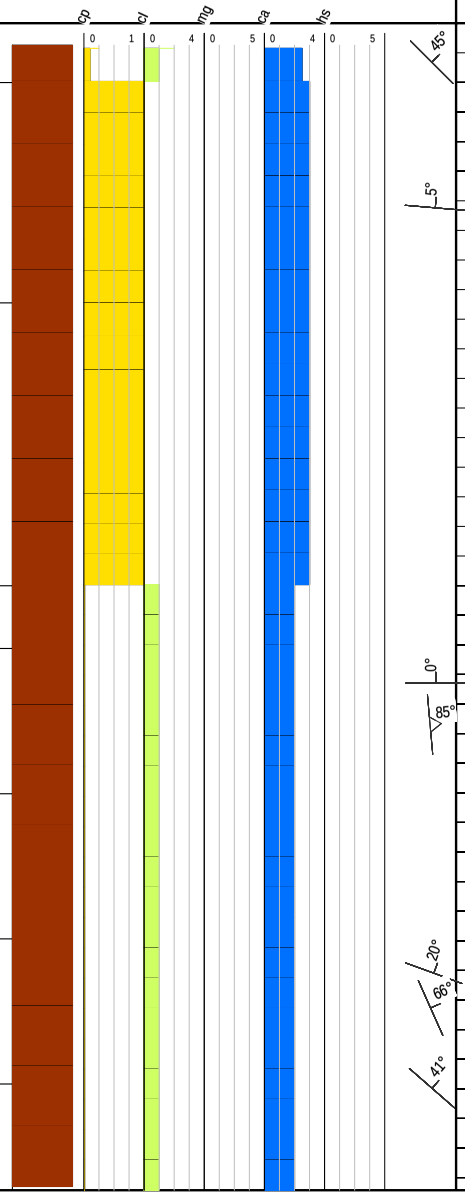
From	To	Rocktype & Description
		« Calcite 2.50*»
		« Chlorite 1.00*»
		« Biotite 1.00*» as fine bedding concordant layers localised but also more abundant at « 245.00- 248.00 Biotite 2.00*» as coarse-grained books within calcite veins
		« Chalcopyrite 0.10%»
		« 222.80- 272.80 Pyrite 0.10%»
		259.7 - 265.5: Weakly mineralised zone
		« Biotite 2.50*» and « 259.70- 265.50 Chalcopyrite 2.00%» associated with calcite veins, « minor Pyrite 0.40%» . Veins are generally irregular, stockwork type.
		« Albite 1.00%» albite? as pale bleached selvedges on fractures
		Structure:
		Generally bedding is at a low (<25 degrees) to core axis. Locally bedding is folded by open folds with no axial planar cleavage present
		< @ 224.20 Bedding 14.00° >
		< @ 231.50 Bedding 10.00° >
		< @ 245.00 ca-bi-cp vein 37.00° 1.00cm >
		< @ 237.00 Bedding 10.00° >
		< @ 229.80 Bedding 24.00° >
		< @ 245.40 Bedding 25.00° >
		< @ 249.40 Bedding 5.00° >
		< @ 251.40 Bedding 12.00° >
		< @ 222.80 bi-cp-ca vein 60.00° 8.00mm >
		< @ 256.60 Bedding 18.00° >
		< @ 270.00 Bedding 10.00° >
		open fold of bedding at 264.5
		< @ 272.00 Bedding 45.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
251.00	254.00	3.00	844427	0.033	0.02	880	4.3	0.91
254.00	257.00	3.00	844428	0.023	0.02	724	6.1	5.07
257.00	259.70	2.70	844429	0.042	0.01	779	5.1	1.36
259.70	262.60	2.90	844430	0.068	0.02	1625	9.4	12.20
262.60	265.50	2.90	844431	0.037	0.02	886	4.5	0.74
265.50	268.00	2.50	844432	0.021	0.01	705	5.1	0.86
268.00	270.50	2.50	844433	0.014	0.09	478	3.6	0.97
270.50	272.80	2.30	844434	0.020	0.02	753	2.8	0.58

Project: Werneckes **Hole Number:** HV07-22

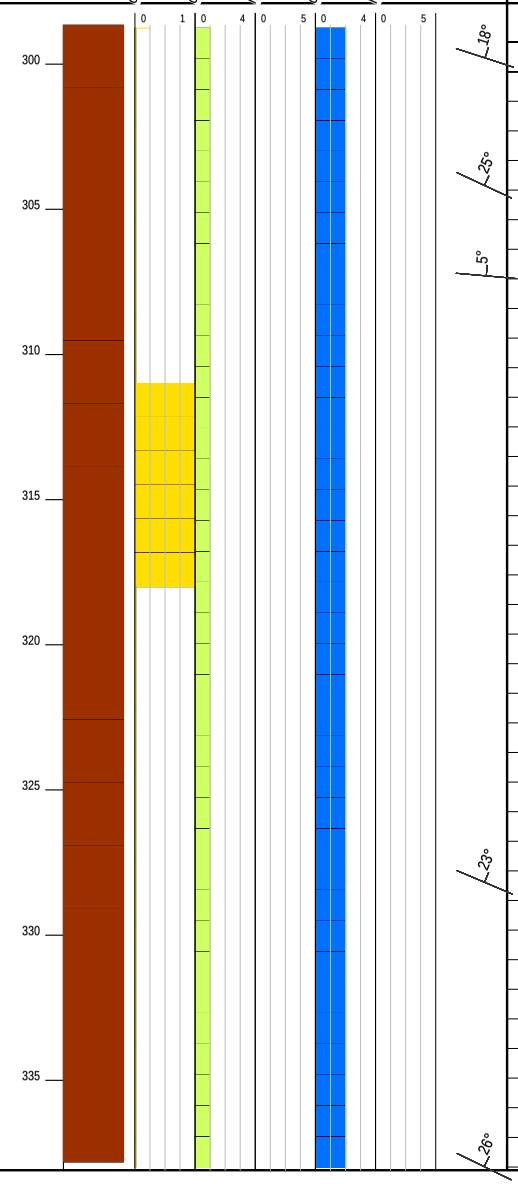
From	To	Rocktype & Description
272.80	277.80	slts
		SILTSTONE - MINERALIZED: equivalent to adjacent units but with more abundant chalcopyrite and stronger calcite veining and brecciation. Locally takes on a crackle breccia texture but only across about 10 cm.
		« Calcite 3.00*»
		« Chalcopyrite 2.50%»
		« Biotite 2.50*» localized in calcite veins
		« Silicification 2.00*» , localized in breccia veins
		« 275.00- 276.00 Chalcopyrite 4.00%» in calcite veins and locally as breccia cement
		< @ 274.00 Bedding 5.00° >
277.80	340.00	slts
		SILTSTONE: grey to brown siltstone. Similar to above, weakly mineralised units.
		« Calcite 2.00*» « Chlorite 1.00*»
		« Pyrite 0.40%» typically as c.g. blebs in calcite+/-quartz veins
		« Chalcopyrite 0.01%»
		« 277.80- 338.00 Garnet 0.20%» rare, fine, pinkish garnet - likely metamorphic
		« 311.00- 318.00 Chalcopyrite 1.50%» zone of more fracturing with more abundant chalcopyrite
		Structure:
		< @ 281.00 Bedding 0° >
		< @ 282.60 ca-bi vein 85.00° 5.00mm >
		< @ 291.00 Bedding 20.00° >
		< @ 292.30 Bedding 66.00° >
		< @ 295.00 Bedding 41.00° >
		< @ 299.60 Bedding 18.00° > openly folded bedding here



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
272.80	275.00	2.20	844435	0.050	0.02	1540	2.2	11.85
275.00	276.00	1.00	844436	0.015	0.02	762	23.2	12.35
276.00	277.80	1.80	844437	0.054	0.03	1515	5.0	3.57
276.00	277.80	1.80	844438	0.027	0.03	1700	12.8	4.46
277.80	279.60	1.80	844439	0.015	0.02	344	3.1	0.58
279.60	281.40	1.80	844440	0.018	0.01	197	3.7	0.90
281.40	284.00	2.60	844441	0.011	0.03	128	3.6	0.55
284.00	287.00	3.00	844442	0.008	0.02	175	3.3	0.82
287.00	290.00	3.00	844444	0.029	0.03	158	4.4	0.98
290.00	293.00	3.00	844445	0.012	0.06	639	4.7	0.87
293.00	296.00	3.00	844446	-0.005	0.04	108	6.7	0.74
296.00	299.00	3.00	844447	-0.005	0.08	147	7.4	1.33
299.00	302.00	3.00	844448	-0.005	0.05	180	7.5	0.82
302.00	305.00	3.00	844449	-0.005	0.05	45	6.5	0.82
305.00	308.00	3.00	844450	-0.005	0.05	35	5.6	0.83
308.00	311.00	3.00	844451	0.022	0.05	719	6.0	0.94
311.00	313.30	2.30	844452	0.031	0.05	989	7.7	1.02
313.30	315.60	2.30	844453	0.032	0.04	1325	4.4	0.82
315.60	318.00	2.40	844454	0.035	0.05	2070	3.6	1.06
318.00	320.00	2.00	844455	0.009	0.06	209	4.4	0.80
320.00	323.00	3.00	844456	-0.005	0.05	48	3.9	0.57
323.00	326.00	3.00	844457	-0.005	0.03	26	4.7	1.16
326.00	329.00	3.00	844458	-0.005	0.07	54	6.0	0.99
329.00	332.00	3.00	844459	-0.005	0.10	141	4.2	1.01
332.00	335.00	3.00	844460	-0.005	0.07	82	4.2	0.82

Project: Werneckes **Hole Number:** HV07-22

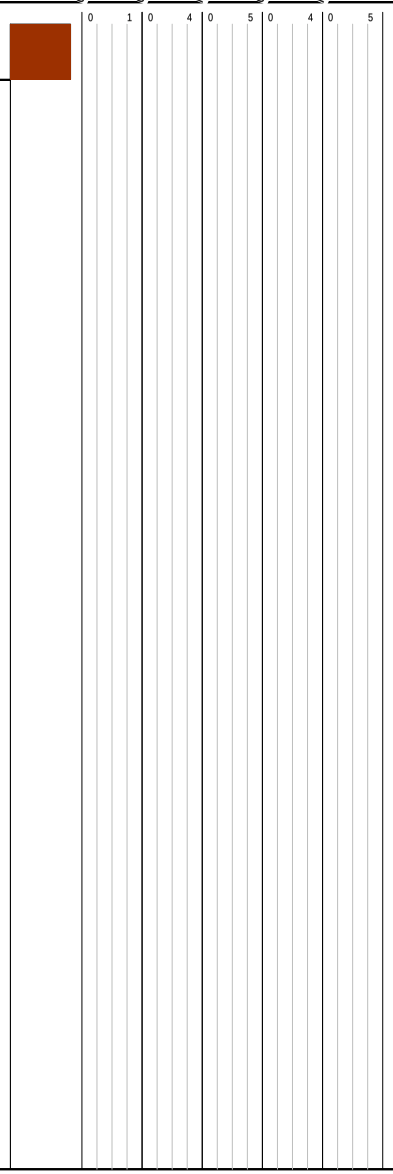
From	To	Rocktype & Description
		< @ 304.00 Bedding 25.00° >
		strongly folded bedding from 306 to 306
		< @ 307.10 Bedding 5.00° >
		< @ 328.00 Bedding 23.00° >
		< @ 337.80 Bedding 26.00° >
		minor chalcopyrite at 337 in a calcite vein
		340.0 m = EOH
		note: box 81 showed up at the core shack several days after the hole was finished being logged. 2m of core were in the box so they were sampled seperately (# 844541) and the correct hole depth of 340 was added to the log.
		Neil Perk



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
335.00	338.00	3.00	844461	0.008	0.06	364	4.2	0.98
338.00	340.00	2.00	844541	0.029	0.04	1140	3.0	0.86

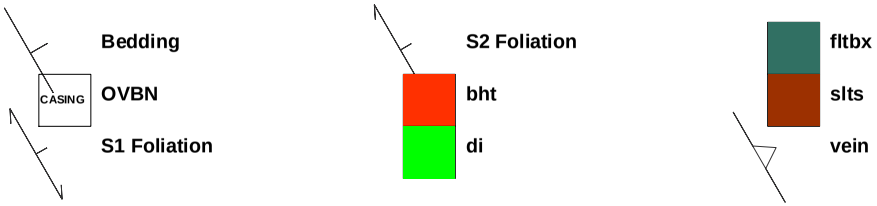
Project: Werneckes **Hole Number:** HV07-22

From	To	Rocktype & Description
340.00	340.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 636.7
Hole HV07-23	**Azimuth (º):** 270
Location: 7216836 m North, 535717 m East	**Dip (º):** -65.0
Logged by: N. Perk	**Length (m):** 236.50
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/06/04 **Date Completed:** 2007/06/08	
Dip Tests By: Reflex	
Objective Test for northerly strike extension of the Central Hoover Zone from section with HV94-06	

Summary Log:

0-20.7 m CASING

20.7-236.5 m SILTSTONE (slts): fine grained, dark green meta-sediments of the fairchild lake group. Well foliated at mm scale with alternating light-dark green and grey-black layers. Abundant late CA-QZ veining at numerous orientations.

MINERALIZATION:
20.7-170.8 m 0.1-0.3% CP, 0.1-0.3% PY
20.7-208.5 m 0.1-0.7% MG
208.0-236.5 m 2.0-7.0% MG
20.7-145.4 m 0.1-0.7% HS

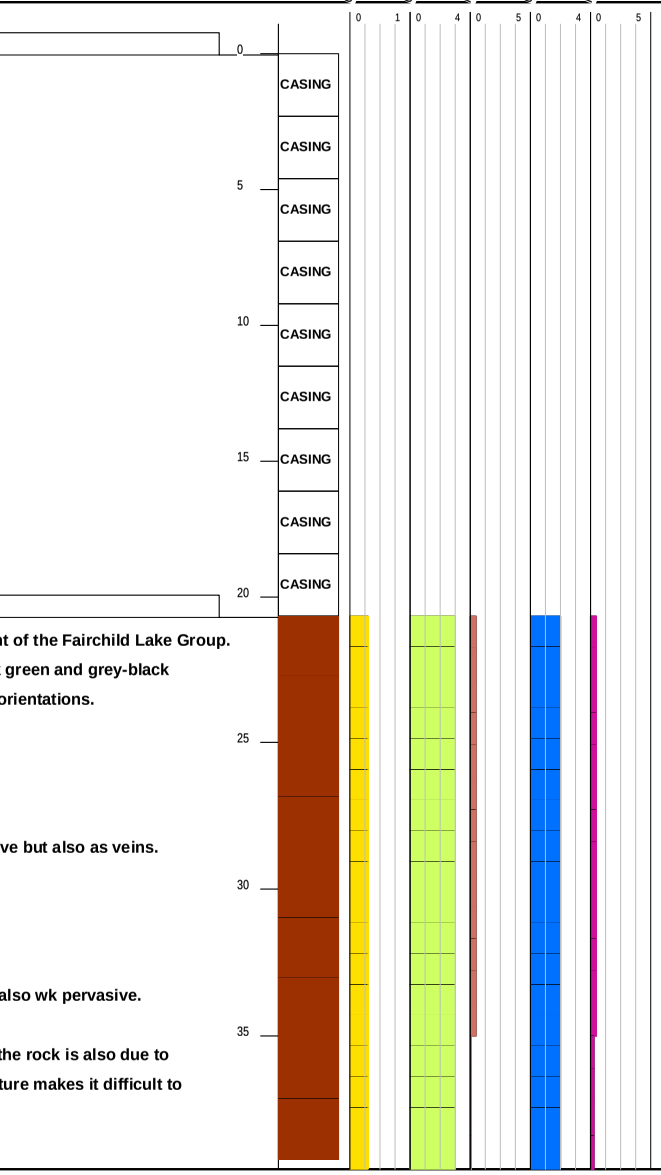
ALTERATION:
20.7-63.7 m CL-CA-SI
63.7-215.0 m CL-SI-EP-CA
215.0-236.5 m CL-SI-CA

Downhole surveys:

Depth	Dip	Azimuth
0.00	-65.00	270.00

Project: Werneckes **Hole Number:** HV07-23

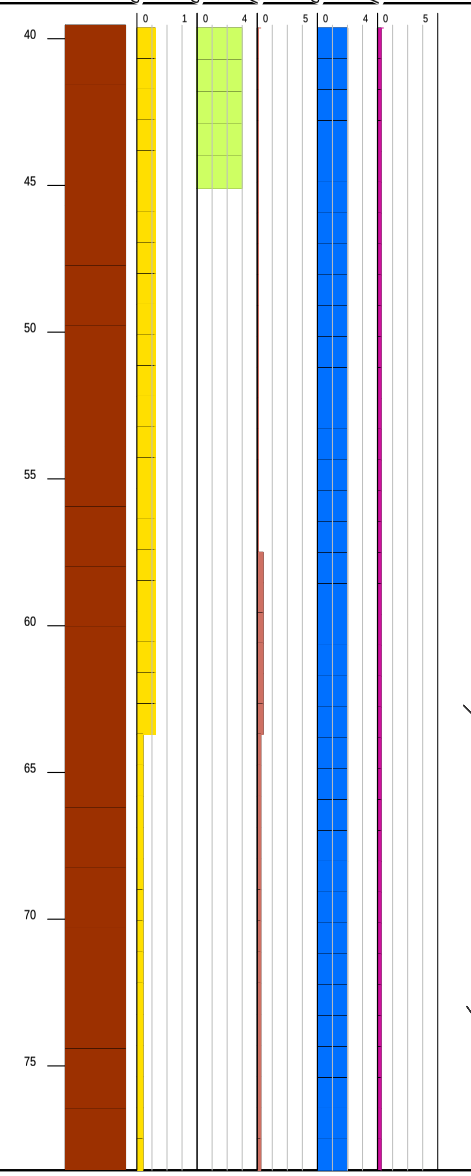
From	To	Rocktype & Description
0.00	20.70	OVBN no core recovered.
20.70	236.50	slts SILTSTONE: fine grained, dark green meta-sediment of the Fairchild Lake Group. Well foliated at mm scale with alternating light-dark green and grey-black layers. Abundant late CA-QZ veining at numerous orientations. Alteration: « 20.70- 236.5 Chlorite alteration 3*» mostly pervasive but also as veins. « Calcite 2.00*» mostly as veins but also pervasive « 20.70- 45.10 Silicification 2.00*» « 45.10- 56.10 Silicification 3.00*» « 56.10-123.40 Silicification 2.00*» « 63.70-116.50 Epidote 2.00*» mostly as veins but also wk pervasive. note that it is possible that the dark appearance of the rock is also due to some amphibole alteration, but the fine grained texture makes it difficult to tell.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
20.70	23.00	2.30	844462	0.006	0.11	1510	2.4	1.44
23.00	26.00	3.00	844463	0.010	0.05	458	2.1	1.17
26.00	29.00	3.00	844464	-0.005	0.06	258	2.2	0.18
29.00	32.00	3.00	844465	0.020	0.07	1360	2.3	0.29
32.00	35.00	3.00	844466	0.010	0.03	180	2.1	4.45
35.00	37.30	2.30	844467	0.005	0.03	153	1.9	1.02
37.30	39.10	1.80	844468	0.026	0.11	2020	4.1	5.77
39.10	41.00	1.90	844469	0.020	0.05	115	1.6	0.97
41.00	44.00	3.00	844470					
44.00	47.00	3.00	844472	0.015	0.06	922	3.3	0.62
47.00	50.00	3.00	844473	0.006	0.07	393	2.1	0.58
50.00	53.00	3.00	844474	-0.005	0.05	215	1.6	0.19
53.00	56.00	3.00	844475	0.007	0.09	293	2.4	0.46
56.00	59.00	3.00	844477	0.009	0.05	338	2.4	0.37
59.00	62.00	3.00	844478	0.005	0.06	497	2.9	0.27
62.00	65.00	3.00	844479	0.010	0.15	190	3.3	0.85
65.00	68.00	3.00	844480	-0.005	0.09	72	3.8	1.20
68.00	71.00	3.00	844481	-0.005	0.10	44	3.4	0.86
71.00	74.00	3.00	844482	0.006	0.09	82	3.8	1.18

Project: Werneckes **Hole Number:** HV07-23

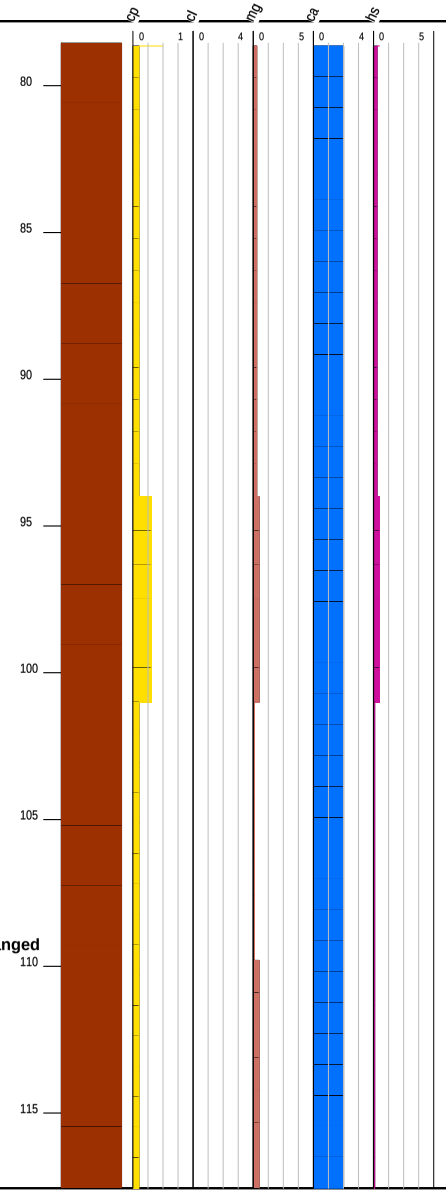
From	To	Rocktype & Description
		« 123.40-185.8 Silicification 3.00*»
		« Calcite 1.00*» CA alt is locally mod.
		« 116.50- 142.70 Epidote 1.00*»
		« 142.70-199.5 Epidote 2.00*»
		« 185.80- 203.20 Silicification 2.00*»
		« 203.20- 236.50 Silicification 3.00*»
		« 199.50- 236.50 Calcite 2.00*»
		« 199.50- 215.00 Epidote 1.00*»
		215-236.5 alteration becomes mostly pervasive with much less veining than the rest of the hole. Rock has a Zebra Stripe texture of alternating dark and light bands.
		Mineralization:
		« 20.70- 63.70 Chalcopyrite 0.30%» mostly as belbs and stringers in ca-qz and ca-mg veins.
		« 63.70- 94.00 Chalcopyrite 0.10%»
		« 20.70- 94.00 Pyrite 0.10%»
		« 94.00- 101.00 Chalcopyrite 0.30%» « Pyrite 0.30%»
		« 20.70- 35.00 mg 0.50%» « Specularite 0.50%»
		« 35.00- 94.00 Specularite 0.30%»
		« 35.00- 57.50 mg 0.10%»
		« 57.50- 63.70 mg 0.50%»
		« 63.70- 94.00 mg 0.30%»
		« 94.00- 101.00 mg 0.50%» « Specularite 0.50%»
		« 37.30- 39.10 Malachite 0.50%» « Chalcocite 0.30%»
		< @ 52.40 sp? deisseminated Sphalerite 0.10% 30.00cm >< @ 84.80 sp? disseminated Sphalerite 0.10% 20.00cm >
		« 101.00- 170.80 Chalcopyrite 0.10%» « Pyrite 0.10%»
		« 101.00- 145.40 Specularite 0.10%»
		« 101.00- 109.80 mg 0.10%»
		« 109.80- 133.40 mg 0.50%»
		« 133.40- 145.40 mg 0.10%»
		« 145.40- 151.50 mg 0.30%»
		« 151.50- 181.40 mg 0.10%»
		« 181.40- 201.00 mg 0.70%»
		« 201.00- 208.50 mg 0.10%»
		208.5-236.5 MG occurs mostly as disseminations within light coloured (calcic)



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
74.00	78.00	4.00	844483	-0.005	0.06	37	3.9	0.59
78.00	80.00	2.00	844484	-0.005	0.15	42	4.1	1.80
80.00	83.00	3.00	844485	0.005	0.08	32	9.1	0.61
83.00	86.00	3.00	844486	-0.005	0.08	73	3.1	1.30
86.00	89.00	3.00	844488	0.012	0.09	200	5.1	1.08
89.00	92.00	3.00	844489	0.007	0.07	73	5.9	2.23
92.00	95.00	3.00	844490	0.007	0.05	144	4.0	0.90
95.00	98.00	3.00	844491	-0.005	0.04	68	3.6	0.71
98.00	101.00	3.00	844492	0.007	0.06	537	4.3	1.38
101.00	104.00	3.00	844493	0.005	0.05	199	3.4	0.23
104.00	107.00	3.00	844494	0.005	0.05	241	2.6	0.21
107.00	110.00	3.00	844495	0.018	0.09	679	5.2	1.70
110.00	113.00	3.00	844496	-0.005	0.04	120	4.8	1.34
113.00	116.00	3.00	844497	-0.005	0.03	37	4.5	0.64
116.00	119.00	3.00	844498	-0.005	0.04	15	4.5	0.39
119.00	122.00	3.00	844499	0.012	0.07	399	3.3	0.73
122.00	125.00	3.00	844500	0.019	0.06	131	4.7	0.64
125.00	128.00	3.00	844501	0.007	0.07	149	4.2	0.56
128.00	131.00	3.00	844502	0.005	0.06	96	4.1	0.64
131.00	134.00	3.00	844503	0.015	0.10	495	4.4	0.36
134.00	137.00	3.00	844504	0.028	0.12	239	3.8	1.18
137.00	140.00	3.00	844505	0.015	0.07	99	2.4	0.34
140.00	143.00	3.00	844506	0.010	0.05	295	3.9	0.86
143.00	146.00	3.00	844507	-0.005	0.08	64	4.8	0.45
146.00	149.00	3.00	844508	0.009	0.09	284	3.8	0.46
149.00	152.00	3.00	844509	0.015	0.08	509	4.2	0.80
152.00	155.00	3.00	844510	0.007	0.11	303	8.0	17.30
155.00	158.00	3.00	844512	0.007	0.09	393	3.9	0.25
158.00	161.00	3.00	844513	0.006	0.11	351	5.1	0.59
161.00	164.00	3.00	844514	0.011	0.13	751	5.7	1.90
164.00	167.00	3.00	844515	0.006	0.07	274	7.6	1.39
167.00	170.00	3.00	844516	-0.005	0.07	137	5.4	2.60
170.00	173.00	3.00	844517	0.006	0.09	213	5.8	1.38
173.00	176.00	3.00	844518	0.006	0.07	161	4.3	0.63
176.00	179.00	3.00	844519	-0.005	0.05	43	8.6	1.33
179.00	182.00	3.00	844520	-0.005	0.06	33	6.0	0.53
182.00	185.00	3.00	844521	-0.005	0.05	80	4.9	0.28
185.00	188.00	3.00	844522	0.009	0.06	282	2.9	0.86
188.00	191.00	3.00	844523	-0.005	0.07	134	3.1	0.14

Project: Werneckes **Hole Number:** HV07-23

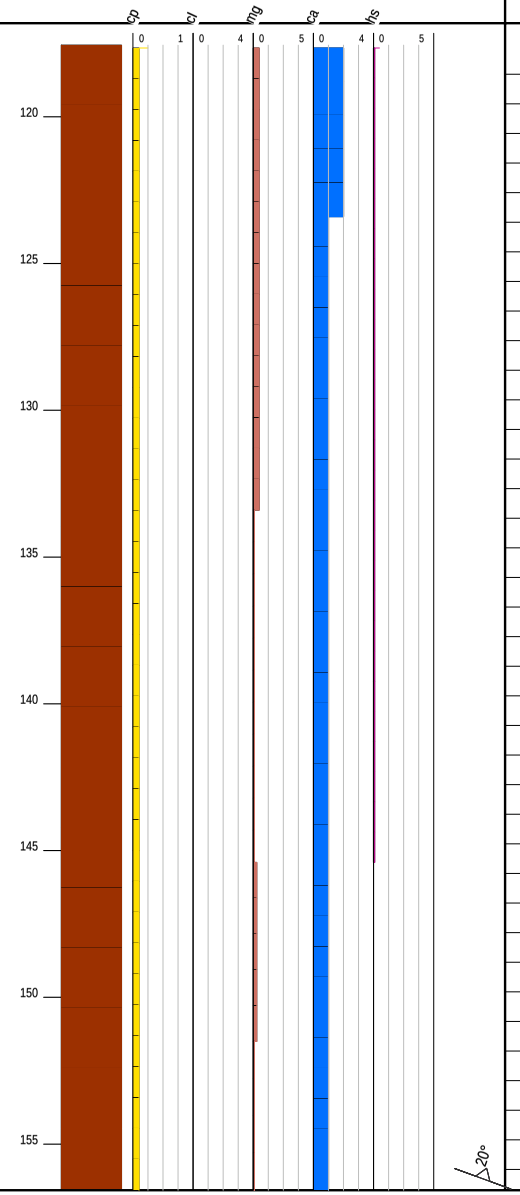
From	To	Rocktype & Description
		layers in the siltstone as well as within Calcite veins.
		« 208.50- 225.00 mg 2.00%»
		« 225.00- 225.40 mg 7.00%»
		« 225.40- 236.50 mg 3.00%»
		Structure:
		« fracture zone 15.00-75.00°»
		< @ 56.70 filled with grey clay fault 35.00° 1.00cm >
		< @ 63.30 CA-MG-CP vein 45.00° 3.00cm >
		< @ 68.00 bedding 35.00° >
		< @ 73.70 CA-MG-CP vein 55.00° 5.00cm >
		< @ 156.00 CA-CP-PY vein 20.00° 1.00cm >
		« 156.40- 157.50 CA matrix crackle breccia »
		< @ 159.60 fault breccia 60.00° 10.00cm >
		< @ 162.50 CA-PY-CP vein 20.00° 1.00cm >
		< @ 164.20 fault breccia 65.00% 3.00cm >
		« 166.00- 166.80 CA matrix crackle breccia »
		« 186.00- 189.40 frx/flt zone »
		< @ 191.00 bedding 20° >
		« 194.00- 197.30 frx/flt zone »
		< @ 211.80 mg layering bedding 30° >
		< @ 236.50 EOH >
		Notes:
		bx# 14 was dropped. 74-78m of core was moved around. The samples were changed to accomodate all the unknown core to one sample.
		hole was stopped early because the drill pad started to tilt and was possibly going to come apart.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
191.00	194.00	3.00	844524	0.005	0.09	104	4.4	0.40
194.00	197.00	3.00	844525	0.005	0.08	166	5.3	0.96
197.00	200.00	3.00	844526	-0.005	0.08	63	5.4	1.09
200.00	203.00	3.00	844527	0.006	0.06	27	4.9	1.58
203.00	206.00	3.00	844530	-0.005	0.03	49	4.2	0.54
206.00	209.00	3.00	844531	-0.005	0.03	76	3.8	0.07
209.00	212.00	3.00	844532	-0.005	0.07	23	5.4	0.06
212.00	215.00	3.00	844533	-0.005	0.06	27	5.0	0.20
215.00	218.00	3.00	844534	-0.005	0.05	8	5.5	0.13
218.00	221.00	3.00	844535	-0.005	0.05	3	5.3	0.44
221.00	224.00	3.00	844536	-0.005	0.03	4	4.3	0.29
224.00	227.00	3.00	844537	-0.005	0.03	6	6.1	2.28
227.00	230.00	3.00	844538	0.018	0.04	7	3.9	0.17
230.00	233.00	3.00	844539	-0.005	0.03	15	5.1	0.46
233.00	236.50	3.50	844540	-0.005	0.03	4	5.3	0.09

Project: Werneckes **Hole Number:** HV07-23

From	To	Rocktype & Description

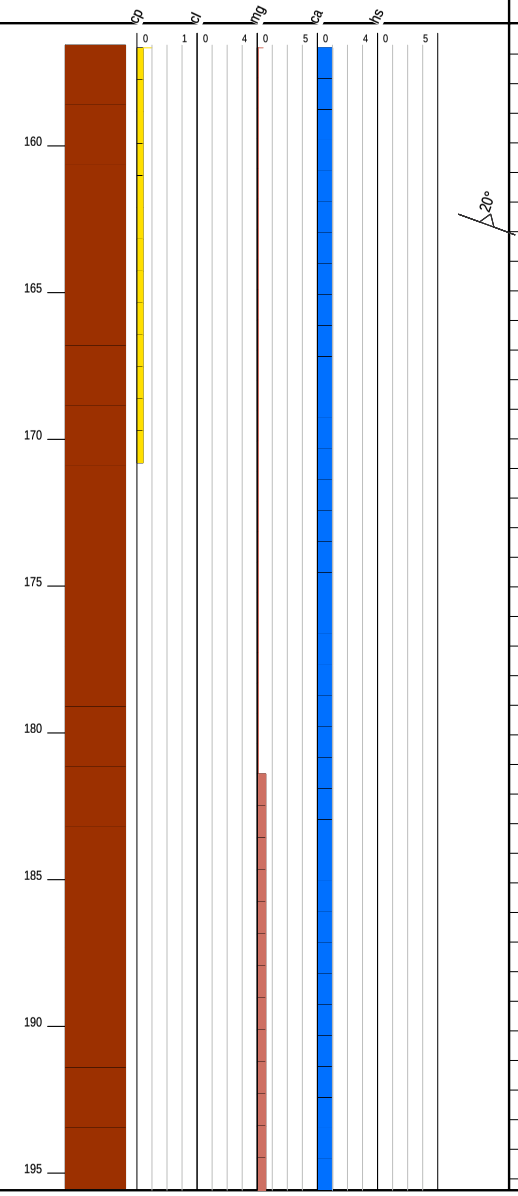


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes

Hole Number: HV07-23

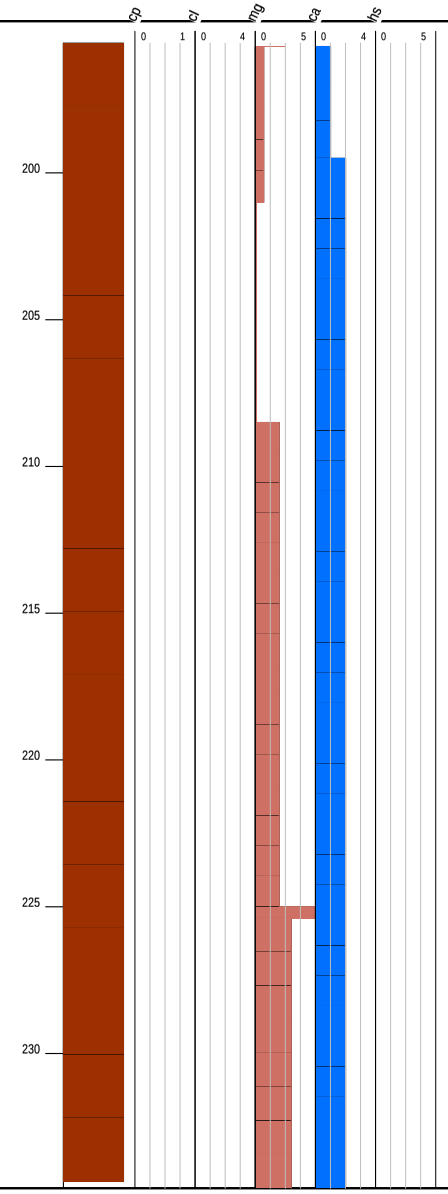
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-23

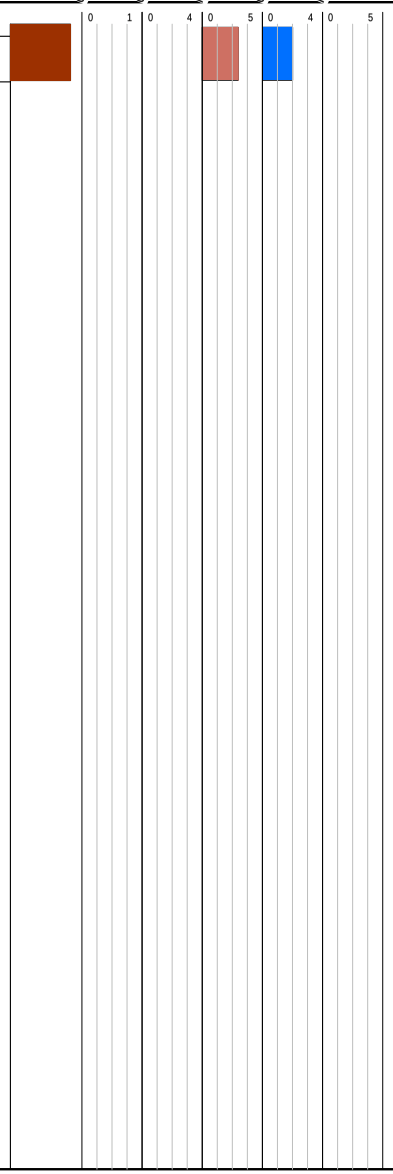
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

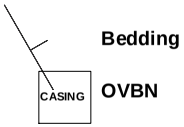
Project: Werneckes **Hole Number:** HV07-23

From	To	Rocktype & Description
	235	
236.50	236.50	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 636.7
Hole HV07-24	**Azimuth (º):** 90.0
Location: 7216836 m North, 535717 m East	**Dip (º):** -45.0
Logged by: N. Perk	**Length (m):** 136.00
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/06/08 **Date Completed:** 2007/06/12	
Dip Tests By: Reflex	
Objective Test for northerly strike extension of the Central Hoover Zone from section with HV94-06	

Summary Log:

0-11.2 m CASING

11.2-136.0 m SILTSTONE (slts): Light-dark green/brown, well laminated siltstones of the Fairchild Lake Group. Local crackle breccias of the siltstone with carbonate-chlorite goundmass. Abundant late CA-QZ veining throughout locally with trace chalcopyrite and pyrite. Ductile and brittle deformation are both evident as laminations are locally folded, occuring at varying angles to the core axis, as well as off-set by brittle micro faults.

MINERALIZATION:
11.2-136.0 m trace CP, PY, MC, HS, MG
104.0-136.0 m 1.0 % MG

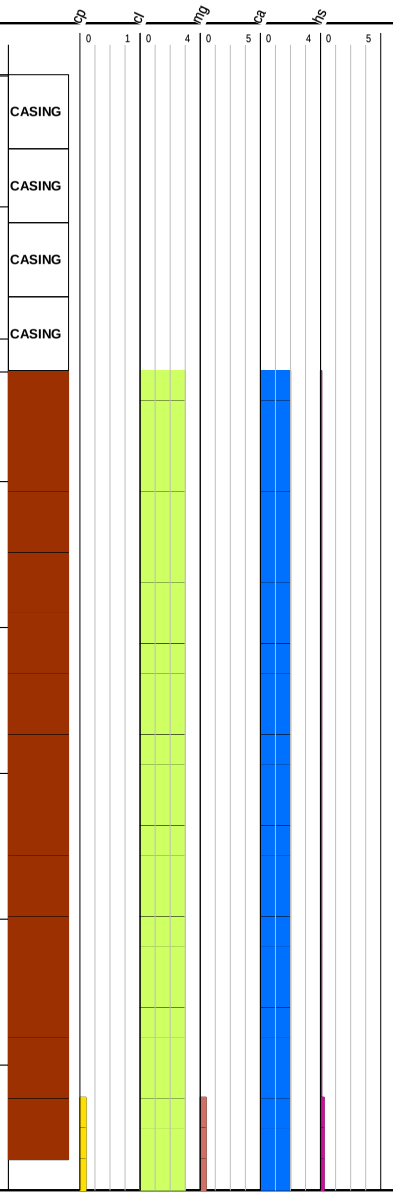
ALTERATION:
11.2-136.0 m str CL, mod SI, wk-mod CA

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	90.00
17.00	-45.30	88.90
80.00	-45.10	91.50
136.00	-44.90	92.50

Project: Werneckes **Hole Number:** HV07-24

From	To	Rocktype & Description
0.00	11.20	OVBN CASING: no core recovered
11.20	136.00	slts SILTSTONE: light-dark green/brown, well laminated siltstones of the Fairchild Lake Group. Local crackle breccias of the siltstone with carbonate-chlorite goundmass. Abundant late Calcite - Quartz veining throughout carrying trace chalcopyrite and pyrite. Ductile and brittle deformation are both evident as the laminations are locally folded, occuring a varying angles to the core axis, as well as off-set by micro faults. The style of alteration is variable with pervassive moderate Chlorite - Silicification - Calcite alteration occuring within preferential layers (permeable?) perserving the original texture (bedding?) and also occuring pervassively throughout destroying the original texture locally. Alteration: « Chlorite 3.00*» « Silicification 2.00*» « Calcite 2.00*» « Biotite 1.00*» ??? core has a slight brown colour to it, possibly due to fine grained hydrothermal biotite. from 28.5-30.0m is a zone of strong Chlorite - Sericite alteration. The zone occurs nearly parallel with the core axis however and may only represent a thin vein of alteration. « 96.51- 124.00 Calcite 1.00*» « 124.00- 136.00 Calcite 2.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
11.20	13.00	1.80	844542	-0.005	0.44	12	1.8	0.32
13.00	16.00	3.00	844544	-0.005	0.03	14	1.0	0.22
16.00	19.00	3.00	844545	-0.005	0.06	6	1.5	0.29
19.00	22.00	3.00	844546	-0.005	0.02	4	1.2	0.28
22.00	25.00	3.00	844547	-0.005	0.29	31	1.1	0.36
25.00	28.00	3.00	844548	-0.005	0.02	12	1.1	0.33
28.00	31.00	3.00	844549	-0.005	0.02	20	0.6	0.28
31.00	34.00	3.00	844550	-0.005	0.01	7	1.4	0.21
34.00	37.00	3.00	844551	-0.005	0.02	65	1.8	1.13
37.00	40.00	3.00	844552	-0.005	0.11	153	1.8	2.52
40.00	43.00	3.00	844553	-0.005	0.03	55	1.2	0.53
43.00	46.00	3.00	844554	0.024	0.03	981	3.5	1.41
46.00	49.00	3.00	844555	0.008	0.05	426	2.7	0.96
49.00	52.00	3.00	844556	0.008	0.01	406	2.4	1.34
52.00	55.00	3.00	844557	-0.005	0.03	260	2.2	0.41
55.00	58.00	3.00	844558	-0.005	1.47	1075	3.3	1.22
58.00	61.00	3.00	844559	-0.005	0.05	1125	3.4	0.89
61.00	64.00	3.00	844560	-0.005	0.15	568	2.3	0.78
64.00	67.00	3.00	844561	-0.005	0.04	816	2.7	1.64
67.00	70.00	3.00	844562	-0.005	0.01	343	3.1	3.11
70.00	73.00	3.00	844563	-0.005	0.08	390	3.4	2.94
73.00	76.00	3.00	844564	-0.005	0.04	49	3.8	1.53
76.00	79.00	3.00	844566	-0.005	0.01	24	2.5	0.14
79.00	82.00	3.00	844567	-0.005	0.01	9	2.1	0.15
82.00	85.00	3.00	844568	-0.005	-0.01	9	1.7	0.13
85.00	88.00	3.00	844569	-0.005	0.02	23	2.1	0.13
88.00	91.00	3.00	844570	-0.005	0.03	26	1.5	0.48
91.00	94.00	3.00	844571	-0.005	0.04	34	1.9	2.06

Project: Werneckes **Hole Number:** HV07-24

From	To	Rocktype & Description

Mineralization:

Mineralization is genneraly controlled by Calcite veins and micro fractures. A few zones of broken up rock also contain Malachite along fractures likely due to fluid being able to flow along the fracture zones.

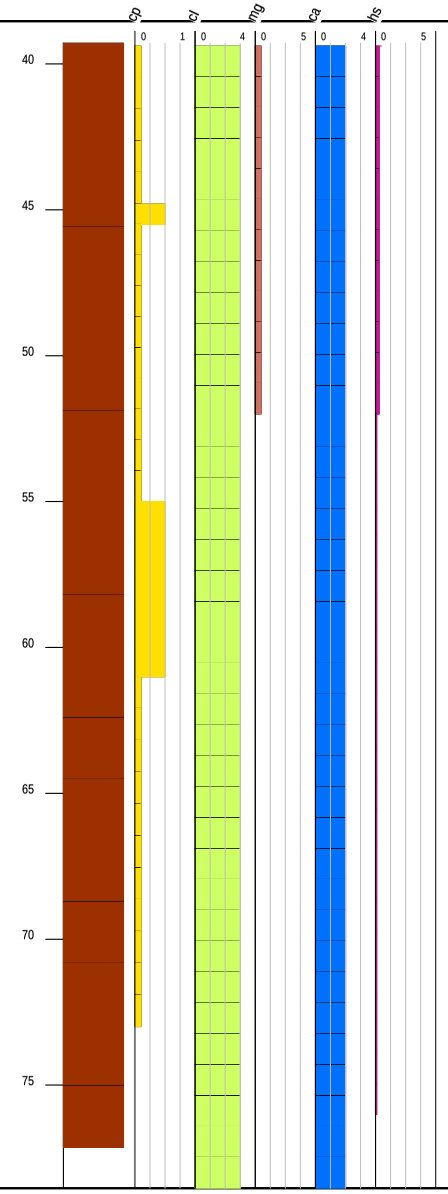
« 11.20- 36.10 Specularite 0.10%»
« 36.10- 44.80 Chalcopyrite 0.10%» « Malachite 0.10%» occuring within mm Calcite veins
« 44.80- 45.50 Chalcopyrite 0.50%» « Malachite 0.50%» zone of broken fractured rock
« 45.50- 55.00 Chalcopyrite 0.10%» « Malachite 0.10%»
« 55.00- 61.00 Chalcopyrite 0.50%» « Malachite 0.50%» mineralization occurs in several Calcite veins 2-10 mm wide that run parallel to core axis.
« 61.00- 73.00 Chalcopyrite 0.10%» « Pyrite 0.10%» « Malachite 0.30%»

« 36.10- 52.00 mg 0.50%» « Specularite 0.30%» occuring in veins with Calcite up too 3cm wide.
« 52.00- 76.00 Specularite 0.10%»
« 64.00- 136.00 Sphalerite 0.10%»
« 94.00- 97.50 Pyrite 0.10%» in Calcite veins
« 97.50- 102.30 Chalcopyrite 0.10%» « Malachite 0.10%» in Calcite veins

« 104.00- 136.00 mg 1.00%» as thin (mm) thick veins that are sometimes bedding parallel and sometimes not. They do not appear to be controlled by bedding, but may preferentially occur along bedding.

Structure:
< @ 38.40 highly frx with strong Chlorite and weak ja? alt flt/frx zone 45° 30cm >
« 42.60- 43.30 Calcite vein with frags of slts up too 5cm vein 30-25°»

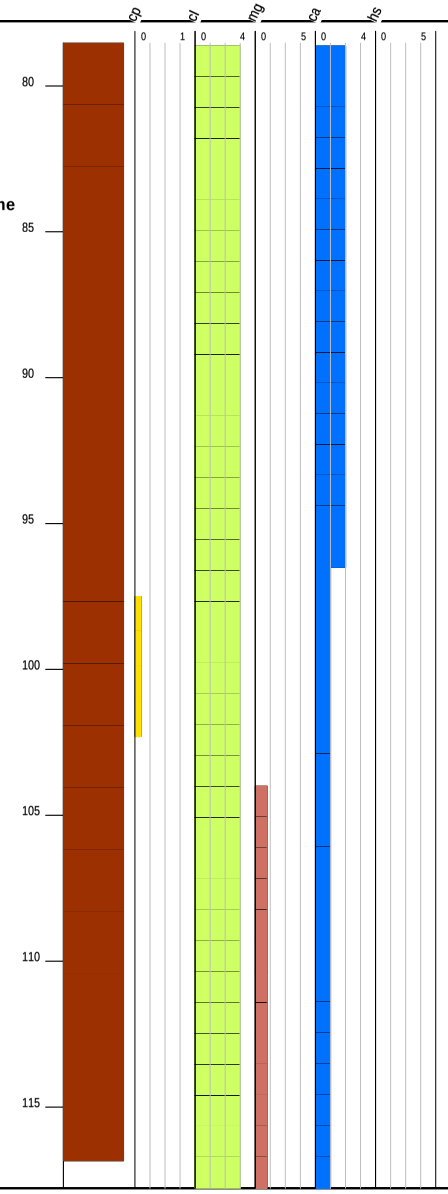
« 44.80- 45.50 0.5% Chalcopyrite and Malachite with trace Chalcocite flt/frx zone 55°»
« 55.00- 61.00 several Calcite veins with Chalcopyrite - Malachite - Specularite at low (near paralell) angle to core. vein »
« 62.20- 63.20 Fault zone with Chalcopyrite - Malachite along



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
94.00	97.00	3.00	844572	-0.005	0.02	542	3.5	4.57
97.00	100.00	3.00	844573	-0.005	0.05	858	3.7	4.65
100.00	103.00	3.00	844574	0.007	0.10	539	3.6	6.40
103.00	106.00	3.00	844575	1.860	0.16	22	3.2	0.30
106.00	109.00	3.00	844577	-0.005	-0.01	15	5.7	0.36
109.00	112.00	3.00	844578	-0.005	0.01	21	4.6	0.23
112.00	115.00	3.00	844579	-0.005	0.01	20	3.5	0.21
115.00	118.00	3.00	844580	-0.005	0.02	17	4.3	0.15
118.00	121.00	3.00	844581	-0.005	0.03	38	3.5	0.24
121.00	124.00	3.00	844582	-0.005	0.20	113	6.6	0.36
124.00	127.00	3.00	844583	-0.005	0.10	34	2.1	0.31
127.00	130.00	3.00	844585	-0.005	0.01	9	7.4	0.18
130.00	133.00	3.00	844586	-0.005	0.02	20	2.0	0.27
133.00	136.00	3.00	844587	-0.005	-0.01	21	2.3	0.23

Project: Werneckes **Hole Number:** HV07-24

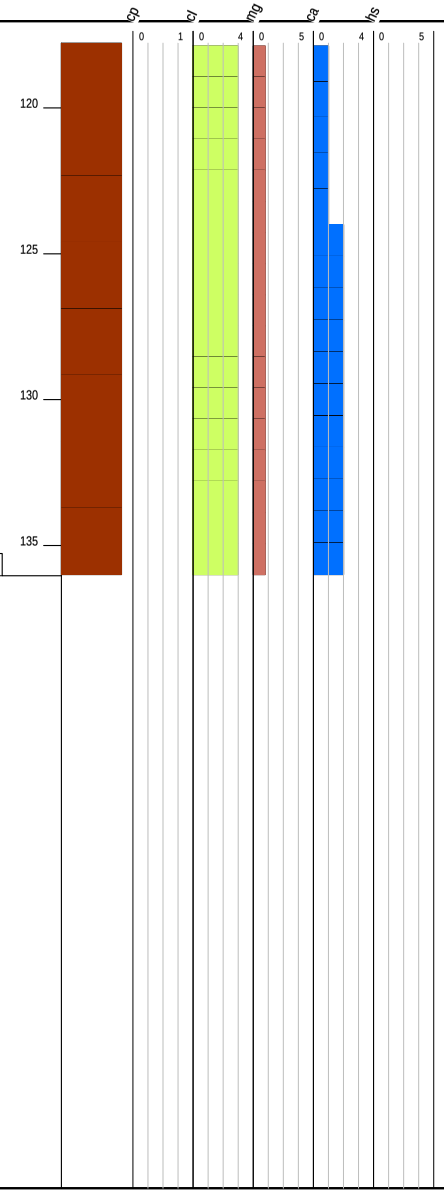
From	To	Rocktype & Description
		fractures. flt/frx zone »
		« 70.00- 72.90 cp-mc along frx's flt/frx zone »
		< @ 100.40 clay filled (fault gauge?) fault? 65° 2cm >
		EOH @ 136 Hole was shut down because the drill pad started to tilt and became too unstable to drill from.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

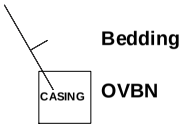
Project: Werneckes **Hole Number:** HV07-24

From	To	Rocktype & Description
136.00	136.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 760.5
Hole HV07-25	**Azimuth (º):** 80.0
Location: 7217582 m North, 535397 m East	**Dip (º):** -45.0
Logged by: N. Perk	**Length (m):** 413.00
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/06/12 **Date Completed:** 2007/06/16	
Dip Tests By: Reflex	
Objective To test for northern strike extension of the Hoover Central Zone at Radio Creek	

Summary Log:

0-5.7 m CASING
5.7-47.2 m HETEROLITHIC BRECCIA (bht): dark green - light grey with rounded-angular clasts mm to >10cm. Clasts comprise fine-grained sediments both massive and layered. Matrix dominately CA-CL and varies from grey to green depending on the intensity of CL alteration.
47.2-101.1 m HOMOLITHIC BRECCIA (bhm): light-dark grey with subangular-rounded clasts 1-10 mm in size. Texture varies from a matrix supported massive breccia to a micro-breccia in which the original textural layering of the silstone is present.
101.1-129.9 m DIORITE (di): dark green-black, fine-medium grained massive diorite with moderate CL and weak CA-SI-EP alteration. Unit is magnetic throughout and contains trace-1% pyrite and specular hematite.
129.9-413.0 m HETEROLITHIC BRECCIA (bht): similar to the heterolithic breccia unit described above. 0.3-2% CP mineralization from 169.7-413m.

MINERALIZATION:
5.7-413.0 m 0.1-5.0% HS, 0.1-1.0% PY, 0-2.0% MG
169.7-413.0 m 0.3-2.0% CP

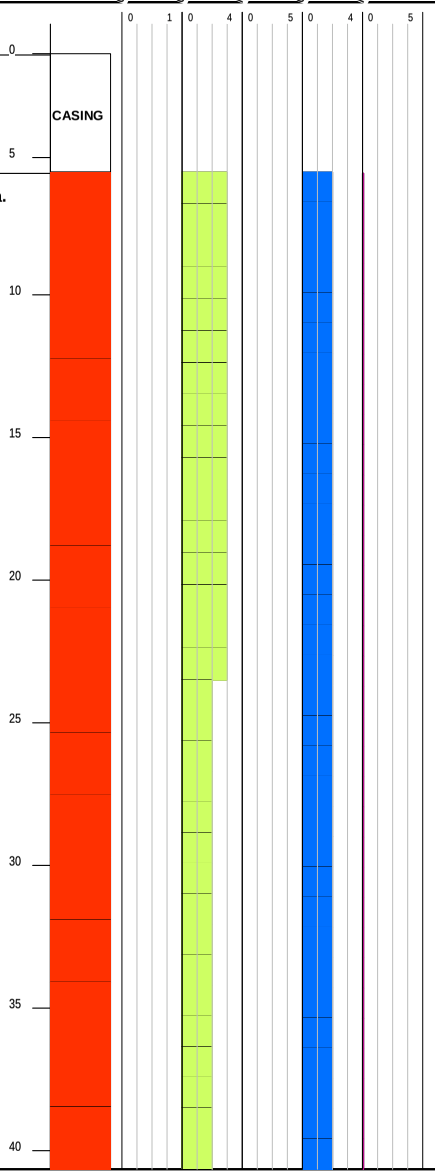
ALTERATION:
5.7-413.0 m wk SI, wk-mod CA, wk-mod HE, wk-int CL

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	80.00
20.00	-43.90	100.10
112.00	-44.90	91.50
212.00	-44.70	101.80
312.00	-44.80	102.30
412.00	-45.00	108.60

Project: Werneckes **Hole Number:** HV07-25

From	To	Rocktype & Description
0.00	5.70	OVBN CASING: No core recovered
5.70	47.20	bht HETEROLITHIC BRECCIA: dark green - light grey, heterolithic Wernecke Breccia. Clasts vary from well rounded to angular, mm to >10cm, and are locally red owing to hematite alteration. Clasts comprise fine-grained sediments that are both massive and layered. The matrix varies from deep green color to grey depending on the intensity of chlorite alteration. The core is extremely competent. Although the core is so competent, it is not particularily hard. The clasts have undergone moderate silicic alteration in general, but the matrix is relatively soft being made up of Calcite - cl. Vary few brittle fractures or veins are seen in the core, most Calcite veins are irregular in shape and appear to be syn-formational to the breccia. Mineralization is limited to trace amounts of Chalcopyrite - Pyrite and <1% hs. Alteration: « 5.70- 23.50 Chlorite 3.00*» « 23.50- 47.20 Chlorite 2.00*» « 5.70- 47.20 Calcite 2.00*» « Silicification 1.00*» « 5.70- 18.30 Hematite 2.00*» « 18.30- 47.20 Hematite 1.00*» Mineralization: « 5.74- 47.20 Specularite 0.10%» « 44.10- 46.80 Pyrite 0.50%» « 44.70- 45.40 mg 2.00%» Structure: Diorite dyke « 44.70- 45.40 dyke with disseminated mg and py. Diopside 35°»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
8.00	9.00	1.00	844588	-0.005	-0.01	1	8.4	0.30
11.00	12.00	1.00	844589	-0.005	0.01	1	2.8	0.32
17.00	18.00	1.00	844590	-0.005	-0.01	1	3.9	0.21
20.00	21.00	1.00	844591	-0.005	-0.01	1	3.1	0.41
23.00	24.00	1.00	844592	-0.005	-0.01	3	7.2	0.43
29.00	30.00	1.00	844593	-0.005	0.02	1	7.4	0.56
32.00	33.00	1.00	844594	-0.005	0.02	1	7.4	0.47
38.00	39.00	1.00	844595	-0.005	0.02	1	6.3	0.58
41.00	42.00	1.00	844596	-0.005	-0.01	1	4.8	0.37
42.00	44.10	2.10	844597	-0.005	-0.01	14	6.8	0.47
44.10	46.80	2.70	844598	-0.005	-0.01	31	3.0	3.03

Project: Werneckes **Hole Number:** HV07-25

From	To	Rocktype & Description
47.20	101.10	bhm

HOMOLITHIC BRECCIA: light-dark grey homolithic Wernecke Breccia. Clasts are subangular to rounded, 1-10 mm, grey/black in color, and composed of fine grained sediments (siltstone). The texture vaires from a matrix supported massive breccia to one in which the original textural layering of the siltstone is present, but the silstone has been micro-brecciated into clasts < 5mm. A few sections of heterolithic breccia < 3m thick occur within the unit. The core is very competent, however more brittle features (planar veins and fractures) are seen then in the bht unit above. Alteration is dominatly Calcite - Chlorite with weak silicic. Mineralization is limited to trace Chalcopyrite - Pyrite and < 1% hs.

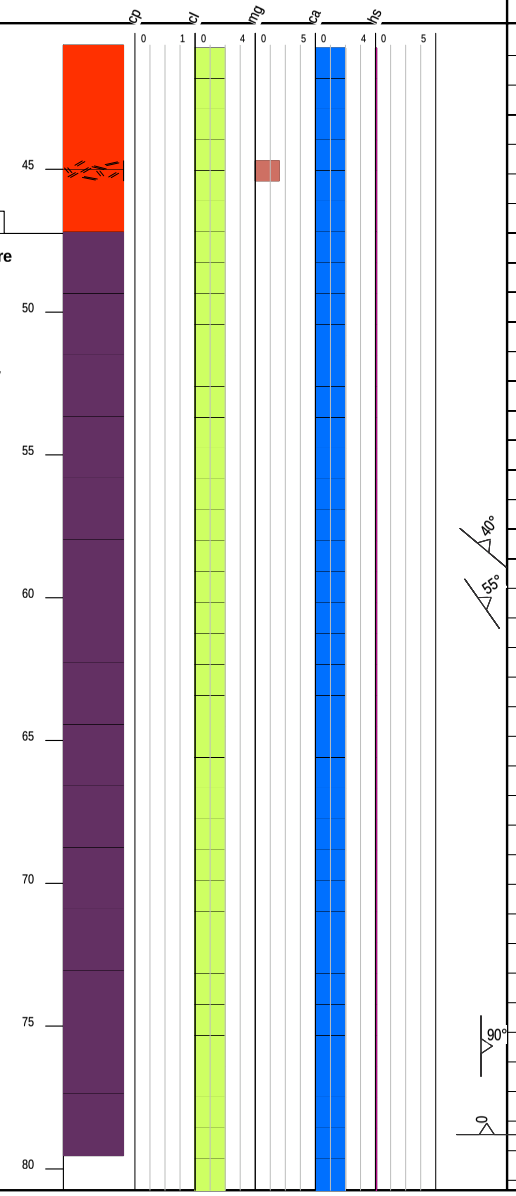
Alteration:

« Calcite 2.00*» « Silicification 1.00*» « Chlorite 2.00*» « Hematite 1.00*»

« 81.00- 82.50 Calcite 3.00*»
« 82.50- 101.10 Calcite 2.00*»

Mineralization:
« Specularite 0.10%»

Structure:
< @ 58.10 Calcite vein 40° 3cm >
< @ 60.10 Calcite with PY blebs vein 55° 1cm >
< @ 75.70 Calcite - Specularite vein 90° 7cm >< @ 78.60 Calcite - Specularite vein 5cm >
« 82.50- 83.00 bht » gradational contact
« 88.40- 90.70 bht » gradational contact



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
46.80	50.00	3.20	844599	-0.005	0.01	3	3.8	0.98
52.00	53.00	1.00	844600	-0.005	0.02	2	2.1	0.92
55.00	56.00	1.00	844601	-0.005	0.02	5	2.5	0.41
59.00	60.00	1.00	844602	-0.005	-0.01	2	1.8	0.39
64.00	65.00	1.00	844603	-0.005	-0.01	1	2.1	0.53
68.00	69.00	1.00	844604	-0.005	0.01	2	4.0	0.25
71.00	72.00	1.00	844605	-0.005	0.02	2	0.8	0.25
77.00	78.00	1.00	844606	-0.005	0.02	5	1.4	0.88
80.00	81.00	1.00	844607	-0.005	-0.01	2	1.2	0.36
86.00	87.00	1.00	844608	-0.005	-0.01	2	7.7	0.30
89.00	90.00	1.00	844609	-0.005	0.10	14	3.8	0.39
95.00	98.00	3.00	844610	-0.005	0.02	2	5.5	0.41
98.00	101.00	3.00	844611	-0.005	0.02	2	13.7	3.15

Project: Werneckes **Hole Number:** HV07-25

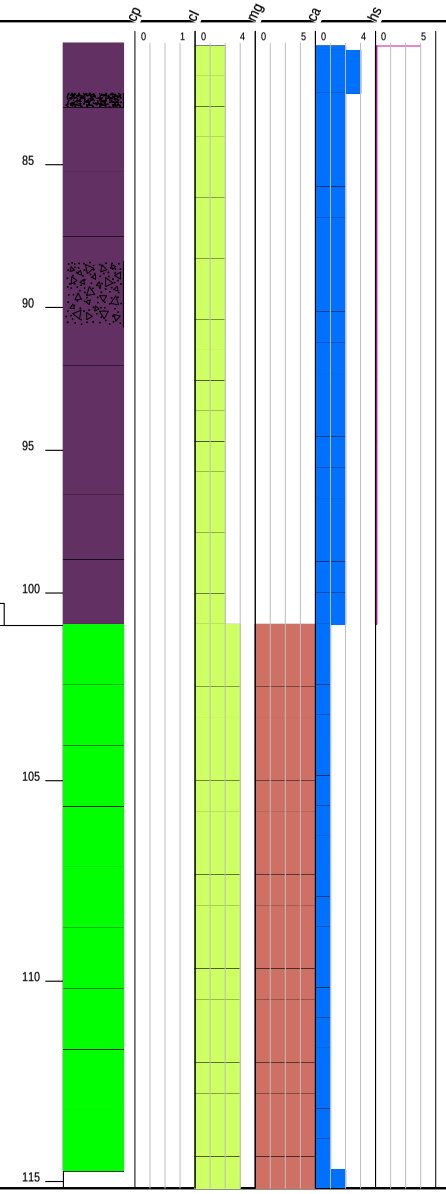
From	To	Rocktype & Description
101.10	129.90	di

DIORITE: dark green-black, fine-medium grained massive diorite. Moderate chlorite and weak calcic-silica-epidote alteration. Unit is more fractured and contains more planar veins than units above. Due to more fracturing and veining, this unit does not contain the long complete sections of core seeing in the breccia's above. The contact between the homolithic breccia above and the diorite occurs over a 2cm wide, gradational zone that is marked by an increase in calcic alteration. The unit is magnetic throughout containing up too a few percent magnetite. Trace-1% pyrite and specular hematite also occur as disseminations within the diorite.

Alteration:

« 101.10- 114.70 Calcite 1.00*»
« 114.70- 116.40 Calcite 2.00*»
« 116.40- 129.90 Calcite 1.00*»

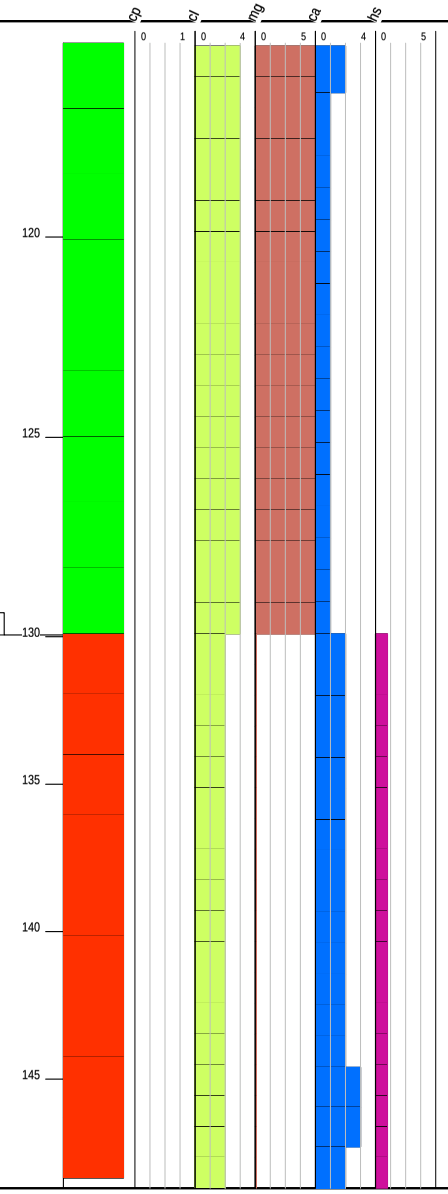
« 101.10- 129.90 Chlorite 3.00*» « Epidote 1.00*» Chlorite is pervasive while Epidote is more fracture controlled.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
101.00	104.00	3.00	844613	-0.005	0.02	53	1.5	0.84
104.00	107.00	3.00	844614	-0.005	0.04	20	1.3	0.32
107.00	110.00	3.00	844615	-0.005	-0.01	17	1.3	0.54
110.00	113.00	3.00	844616	-0.005	-0.01	186	1.1	0.49
113.00	116.00	3.00	844617	-0.005	0.02	52	2.6	3.73
116.00	119.00	3.00	844618	-0.005	0.03	243	5.0	0.87
119.00	122.00	3.00	844619	-0.005	0.03	20	2.3	1.71
122.00	125.00	3.00	844620	-0.005	0.06	250	2.7	6.44
125.00	128.00	3.00	844621	0.006	0.05	92	2.2	5.64

Project: Werneckes **Hole Number:** HV07-25

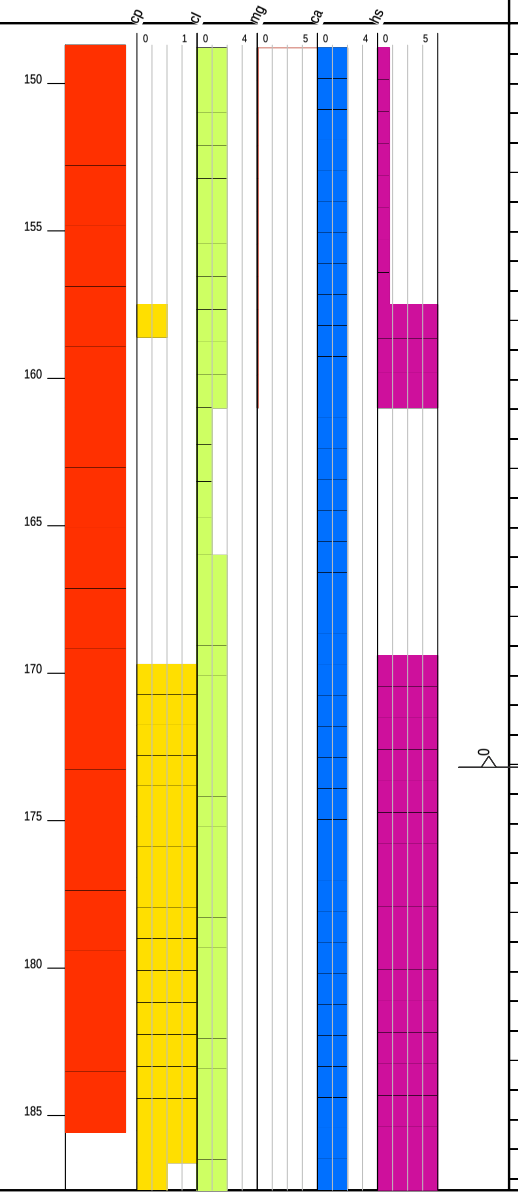
From	To	Rocktype & Description
		« Silicification 1.00*» locally moderate
		Mineralization:
		« mg 7.00%» pervasively disseminated throughout the diorite. Occuring as fine grained clusters likely secondary? but not sure.
		« 101.10- 120.00 Pyrite 0.30%» typically disseminated
		« 120.00- 122.00 Pyrite 1.00%»
		« 122.00- 129.90 Pyrite 0.30%»
		Structure:
		Unit is mostly massive. Calcite and Epidote veins are found at several orientations but do not contain any mineralization. The unit is locally fractured with evidence of oxidation, but no significant faults or fracture zones are seen.
129.90	413.00	bht
		HETEROLITHIC BRECCIA: color and texture is similar to heterolithic breccia described above. This unit is much more fractured than the earlier one and locally contains significant chalcopyrite mineralization. Alteration is primarily Calcite - Silicification - Chlorite - Hematite but varies in intensity throughout the unit. A narrow (1m) section of Chalcopyrite - mg mineralization occurs at 158m. Significant Chalcopyrite mineralization (1-2 %) begins at 169.7m coinciding with the first appearance of talc in the hole. Talc appears to be occuring with or replacing calcite. It is unclear if zone of significant mineralization is part of the same breccia unit, or if is a seperate breccia event that occured later.
		Alteration:
		« 129.90- 161.00 Chlorite 2.00*»
		« 161.00- 166.00 Chlorite 1.00*»
		« 166.00- 266.40 Chlorite 2.00*»
		« 266.40- 290.10 Chlorite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
128.00	131.00	3.00	844622	-0.005	0.05	7	4.0	1.72
131.00	134.00	3.00	844623	0.005	0.05	6	1.9	4.55
134.00	137.00	3.00	844624	0.005	0.04	7	4.4	2.43
137.00	140.00	3.00	844625	-0.005	0.04	33	3.0	0.56
140.00	143.00	3.00	844626	-0.005	0.03	21	2.7	1.21
143.00	146.00	3.00	844627	-0.005	0.03	20	7.6	0.36
146.00	149.00	3.00	844628	-0.005	0.04	44	9.4	0.87
149.00	152.00	3.00	844629	0.005	0.03	8	2.3	1.09
152.00	155.00	3.00	844630	-0.005	0.02	31	2.4	4.30
155.00	157.50	2.50	844631	-0.005	0.02	50	3.2	1.06
157.50	158.60	1.10	844632	-0.005	0.03	761	4.8	1.15
158.60	161.00	2.40	844634	-0.005	0.03	28	3.0	1.85
161.00	164.00	3.00	844635	-0.005	0.02	23	7.6	4.59
164.00	167.00	3.00	844636	0.012	0.04	4	2.6	38.30
167.00	170.00	3.00	844638	0.051	0.06	6	13.0	6.50
170.00	173.00	3.00	844639	-0.005	0.08	1900	2.0	1.07
173.00	176.00	3.00	844640	0.008	0.18	2490	2.3	1.20
176.00	179.00	3.00	844641	0.010	0.06	2300	2.5	2.12
179.00	182.00	3.00	844643	0.006	0.09	1500	2.9	1.41
182.00	185.00	3.00	844644	-0.005	0.04	766	1.8	0.74

Project: Werneckes **Hole Number:** HV07-25

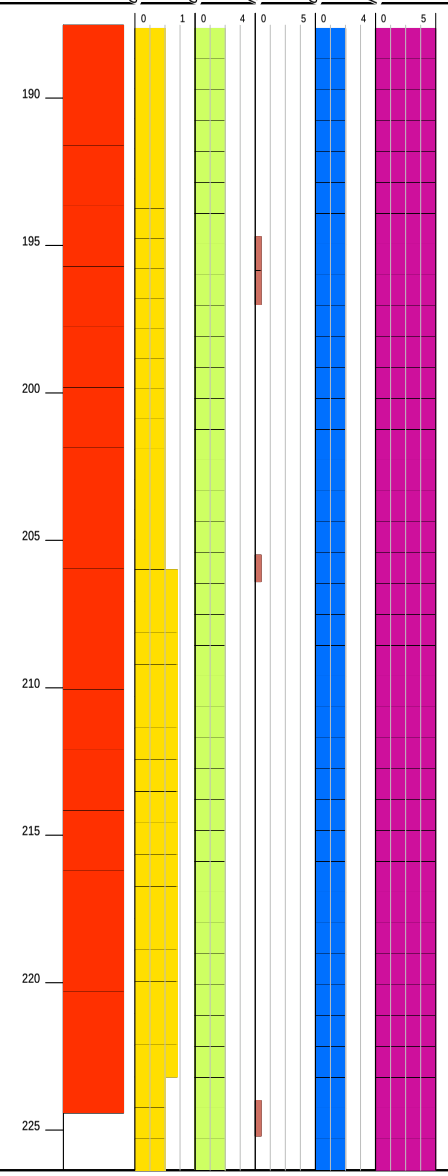
From	To	Rocktype & Description
« 290.10-	290.60	Chlorite 4.00*»
« 290.60-	300.20	Chlorite 2.00*»
« 300.20-	308.40	Chlorite 1.00*»
« 308.40-	315.60	Chlorite 1.00*»
« 315.60-	320.10	Chlorite 2.00*»
« 320.10-	330.00	Chlorite 1.00*»
« 330.00-	333.10	Chlorite 3.00*»
« 333.10-	340.50	Chlorite 1.00*»
« 340.50-	341.20	Chlorite 3.00*»
« 340.20-	355.30	Chlorite 1.00*»
« 355.30-	356.50	Chlorite 3.00*»
« 356.50-	369.40	Chlorite 1.00*»
« 369.40-	369.90	Chlorite 3.00*»
« 369.90-	371.20	Chlorite 1.00*»
« 371.20-	375.40	Chlorite 2.00*»
« 375.40-	378.30	Chlorite 1.00*»
« 378.30-	380.00	Chlorite 3.00*»
« 380.00-	413.00	Chlorite 2.00*»
« 129.90-	144.60	Calcite 2.00*»
« 144.60-	147.30	Calcite 3.00*»
« 147.30-	266.40	Calcite 2.00*»
« 266.40-	300.20	Calcite 1.00*»
« 300.20-	333.10	Calcite 2.00*»
« 333.10-	356.50	Calcite 1.00*»
« 356.50-	413.00	Calcite 2.00*»
« 129.90-	142.30	Silicification 1.00*»
« 142.30-	147.30	Silicification 2.00*»
« 147.30-	161.00	Silicification 1.00*»
« 161.00-	166.00	Silicification 2.00*»
« 166.00-	413.00	Silicification 1.00*»
« 129.90-	144.60	Hematite 1.00*»
« 144.60-	147.30	Hematite 2.00*»
« 147.30-	161.00	Hematite 1.00*
« 161.00-	166.00	Hematite 2.00*»
« 166.00-	413.00	Hematite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
185.00	188.00	3.00	844645	-0.005	0.07	1280	2.3	0.49
188.00	191.00	3.00	844646	-0.005	0.13	67	1.7	0.76
191.00	194.00	3.00	844647	-0.005	0.10	159	2.5	0.74
194.00	197.00	3.00	844648	0.006	0.06	106	12.0	3.68
197.00	200.00	3.00	844649	-0.005	0.07	62	2.1	0.92
200.00	203.00	3.00	844650	-0.005	0.03	298	1.0	0.44
203.00	206.00	3.00	844651	-0.005	0.03	289	4.0	1.98
206.00	209.00	3.00	844652	0.012	0.11	1230	4.7	3.11
209.00	212.00	3.00	844653	0.006	0.12	2080	2.8	1.04
212.00	215.00	3.00	844654	0.021	0.06	470	2.9	1.79
215.00	218.00	3.00	844655	0.006	0.06	1030	5.0	15.20
218.00	221.00	3.00	844656	0.017	0.10	2930	10.8	1.28
221.00	224.00	3.00	844657	0.043	0.08	1810	30.6	13.40
224.00	227.00	3.00	844658	0.021	0.06	460	60.4	1.17
227.00	230.00	3.00	844659	-0.005	0.08	745	3.6	0.19
230.00	233.00	3.00	844660	-0.005	0.06	659	3.3	0.27
233.00	236.00	3.00	844662	-0.005	0.09	762	2.7	0.09
236.00	239.00	3.00	844663	0.009	0.04	682	1.1	0.09
239.00	241.40	2.40	844664	0.005	0.06	943	4.4	0.73
241.40	244.60	3.20	844665	0.014	0.16	5240	2.8	0.97
244.60	248.00	3.40	844666	-0.005	0.07	1010	2.1	0.26
248.00	251.00	3.00	844667	-0.005	0.05	277	2.4	1.24
251.00	254.00	3.00	844668	0.005	0.07	1720	3.7	0.43
254.00	257.30	3.30	844669	0.005	0.05	942	3.2	1.74
257.30	260.00	2.70	844670	-0.005	0.07	79	8.8	2.86
260.00	263.00	3.00	844671	-0.005	0.06	51	7.4	14.15
263.00	264.80	1.80	844672	-0.005	0.12	38	6.6	7.21
264.80	269.00	4.20	844673	-0.005	0.07	546	4.8	2.08
269.00	272.00	3.00	844674	-0.005	0.06	1020	2.7	0.80
272.00	275.00	3.00	844676	-0.005	0.05	490	4.2	1.34
275.00	278.00	3.00	844677	-0.005	0.06	73	17.0	1.26
278.00	281.00	3.00	844678	-0.005	0.05	594	4.4	0.96
281.00	284.00	3.00	844679	-0.005	0.06	778	5.1	1.44
284.00	287.00	3.00	844680	-0.005	0.04	102	5.6	0.89
287.00	288.20	1.20	844681	-0.005	0.05	741	3.0	0.42
288.20	290.00	1.80	844683	0.005	0.07	669	9.1	0.62
290.00	293.00	3.00	844684	0.005	0.08	61	4.1	2.31
293.00	296.00	3.00	844685	-0.005	0.04	73	3.6	6.69
296.00	299.00	3.00	844686	0.005	0.05	75	11.5	1.65

Project: Werneckes **Hole Number:** HV07-25

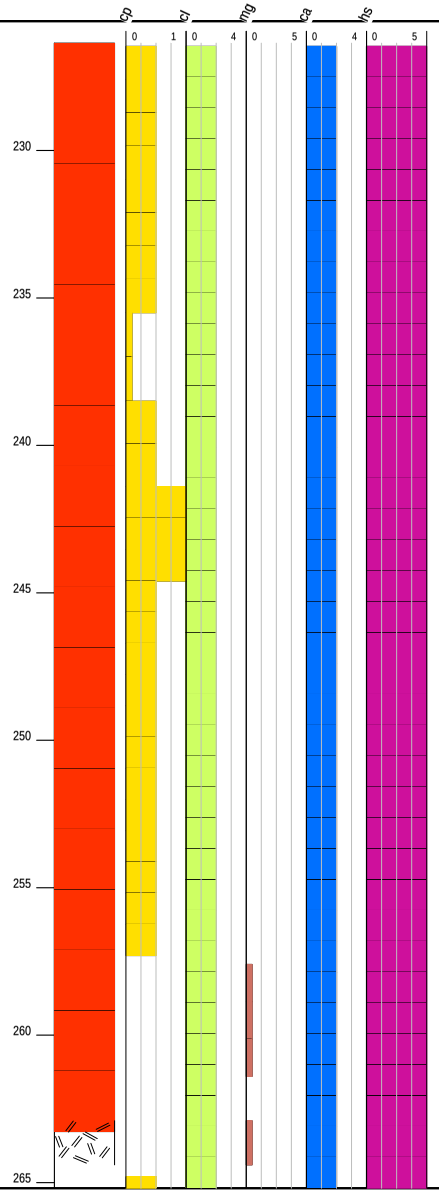
From	To	Rocktype & Description
« 169.70-	173.00	Talc alt of ca? 1.00*» very soft, white, greasy mineral that appears to be replacing ca.
Mineralization:		
« 129.90-	157.50	Specularite 1.00%»
« 157.50-	161.00	Specularite 5.00%»
« 169.40-	301.50	Specularite 3.00-5.00%»
« 129.90-	161.00	mg 0.10%»
« Pyrite 0.50%»		
« 169.70-	179.00	Pyrite 0.50%»
« 157.50-	158.60	Chalcopyrite 0.50%» as blebs within the matrix of bht
« 169.70-	179.00	Chalcopyrite 2.00%» as blebs and stringers
« 179.00-	186.60	Chalcopyrite 1.00%» « Pyrite 1.00%»
« 186.60-	206.00	Chalcopyrite 0.50%» « Pyrite 0.50%»
« 206.00-	223.20	Chalcopyrite 0.70%» « Pyrite 0.70%»
« 223.20-	235.50	Chalcopyrite 0.50%» « Pyrite 0.50%»
« 235.50-	238.80	Chalcopyrite 0.10%» « Pyrite 0.10%»
« 238.50-	241.40	Chalcopyrite 0.50%» « Pyrite 0.50%»
« 241.40-	244.60	Chalcopyrite 1.00%» « Pyrite 0.70%»
« 244.60-	257.30	Chalcopyrite 0.50%» « Pyrite 0.50%»
« 264.80-	287.00	Chalcopyrite 0.50%» « Pyrite 0.50%»
« 287.00-	288.20	Chalcopyrite 0.70%» « Pyrite 0.50%»
« 288.20-	300.20	Chalcopyrite 0.30%» « Pyrite 0.50%»
« 308.40-	320.10	Chalcopyrite 0.10%» « Pyrite 0.10%»
« 320.10-	330.70	Chalcopyrite 0.30%» « Pyrite 0.30%»
« 337.10-	347.00	Chalcopyrite 0.30%» « Pyrite 0.10%»
« 347.00-	351.70	Chalcopyrite 1.00%» « Pyrite 0.50%»
« 351.70-	353.60	Chalcopyrite 0.50%» « Pyrite 0.50%»
« 353.60-	359.00	Chalcopyrite 0.10%» « Pyrite 0.30%»
« 359.00-	371.20	Chalcopyrite 0.30%»
« 371.20-	378.30	Chalcopyrite 0.10%» « Pyrite 0.10%»
« 378.30-	381.20	Pyrite 0.50%»
« 381.20-	413.00	Chalcopyrite 0.30%»
« 194.70-	197.00	mg 0.50%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
299.00	302.00	3.00	844687	-0.005	0.06	756	4.0	0.56
302.00	305.00	3.00	844688	-0.005	0.06	338	3.0	0.50
305.00	308.40	3.40	844690	-0.005	0.10	448	2.8	0.21
308.40	311.00	2.60	844691	-0.005	0.04	154	6.8	0.59
311.00	313.00	2.00	844692	-0.005	0.04	317	6.6	0.33
313.00	315.60	2.60	844693	-0.005	0.06	6	0.2	0.13
315.60	317.00	1.40	844694	-0.005	0.06	40	15.4	0.18
317.00	320.10	3.10	844695	0.005	0.07	178	7.8	0.20
320.10	323.00	2.90	844696	-0.005	0.05	142	6.6	0.93
323.00	326.00	3.00	844698	0.005	0.07	1430	5.2	9.39
326.00	329.00	3.00	844699	-0.005	0.06	140	14.9	2.51
329.00	332.00	3.00	844700	-0.005	0.06	122	3.1	2.07
332.00	335.00	3.00	844701	-0.005	0.03	9	4.0	2.18
335.00	338.00	3.00	844702	0.006	0.08	98	5.1	1.10
338.00	341.00	3.00	844703	-0.005	0.03	169	5.4	5.63
341.00	344.00	3.00	844704	0.009	0.03	93	6.1	5.36
344.00	347.00	3.00	844705	-0.005	0.03	212	14.0	8.26
347.00	350.00	3.00	844706	0.013	0.09	4070	7.1	1.85
350.00	351.70	1.70	844707	0.011	0.11	2570	6.5	1.49
351.70	353.60	1.90	844708	0.019	0.08	1470	8.5	1.24
353.60	356.00	2.40	844709	-0.005	0.04	821	2.3	0.70
356.00	359.00	3.00	844710	0.006	0.03	82	1.5	1.26
359.00	362.00	3.00	844711	-0.005	0.04	698	4.5	1.68
362.00	365.00	3.00	844712	0.006	0.04	1210	4.5	0.27
365.00	368.00	3.00	844713	-0.005	0.04	302	8.1	0.35
368.00	371.00	3.00	844714	-0.005	0.02	544	5.5	0.27
371.00	374.00	3.00	844715	-0.005	0.02	341	10.4	0.25
374.00	377.00	3.00	844716	-0.005	0.03	75	10.2	2.37
377.00	378.30	1.30	844717	-0.005	0.02	95	11.4	26.60
378.30	380.00	1.70	844719	-0.005	0.03	19	5.4	9.16
380.00	383.00	3.00	844720	-0.005	0.19	34	10.9	4.08
383.00	386.00	3.00	844721	-0.005	0.03	60	7.9	0.38
386.00	389.00	3.00	844722	-0.005	0.03	273	3.9	0.20
389.00	392.00	3.00	844723	-0.005	0.02	273	3.0	0.13
392.00	395.00	3.00	844724	-0.005	0.02	311	5.5	0.15
395.00	398.00	3.00	844726	0.020	0.03	406	5.5	0.13
398.00	401.00	3.00	844727	0.005	0.02	310	4.8	0.58
401.00	404.00	3.00	844728	-0.005	0.02	298	5.8	0.14
404.00	407.00	3.00	844729	-0.005	0.01	145	5.0	0.08

Project: Werneckes **Hole Number:** HV07-25

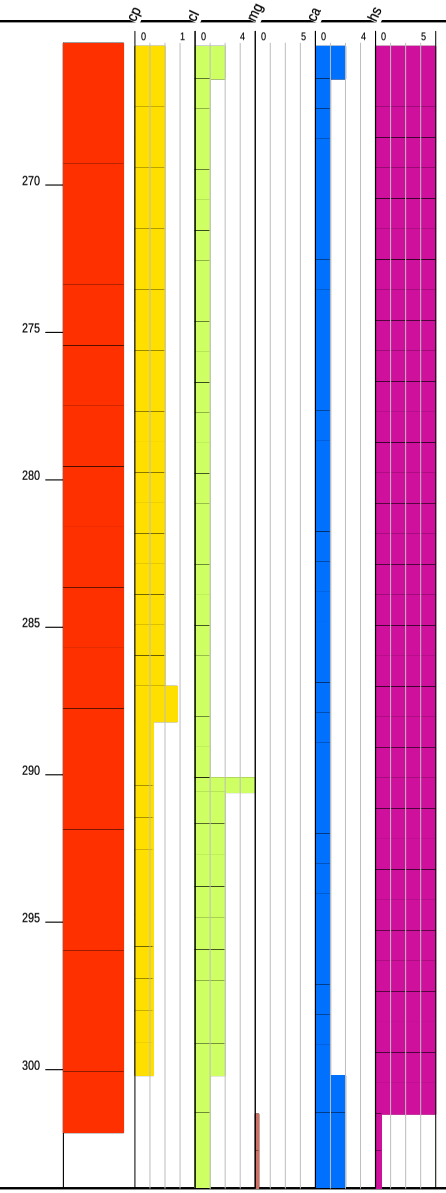
From	To	Rocktype & Description
		« 205.50- 206.40 mg 0.50%»
		« 224.00- 225.20 mg 0.50%»
		« 257.60- 261.40 mg 0.50%»
		« 262.90- 264.40 mg 0.50%»
		« 301.50- 308.10 mg 0.30%»
		« 315.60- 320.10 mg 0.50%»
		« 341.40- 343.30 mg 0.50%»
		« 378.30- 380.00 mg 0.50%»
		« 301.50- 320.10 Specularite 0.50%»
		« 320.10- 330.00 Specularite 3.00-5.00%»
		« 330.00- 333.10 Specularite 0.50%»
		« 333.10- 378.30 Specularite 3.00-5.00%»
		« 378.30- 413.00 Specularite 0.50%»
		Structure:
		< @ 142.00 oxidized sands and clays fault 45° 5cm >
		< @ 160.70 broken core with oxidation along fractures fracture zone 30cm >
		« 161.00- 165.60 numerous zones of fractured/broken up core »
		< @ 170.70 fault 60° 1cm >
		< @ 173.00 Calcite vein 50cm >
		« 179.60- 181.40 fractured section with mod oxidation. Strong Hematite alt, weak Malachite alt of Chalcopyrite fault »
		« 188.00- 189.80 4 feet of void space and missing core. fault » driller reported water flowing through the void space.
		« 194.70- 203.00 zone of fractured rock and fluid flow. Section is porous with wk oxidation. »
		« 236.50- 238.80 Calcite vein 50-40°»
		« 262.90- 264.40 magnetic Diopside 55-40°»
		< @ 379.90 fine grained, non-magnetic Diopside 60.00-25.00° >
		300.2-320.1 m Sequence of increased Chlorite alteration with Calcite - Gypsum veining, a large Calcite - Gypsum vein that seperates bht from bhm, a section of bhm that stops at another large Calcite - Gypsum vein, followed by another section of increased Chlorite alteration above the more typical bht. The repeating patern of Calcite - Gypsum vein and Chlorite alteration surrounding bhm is not understood.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
407.00	410.00	3.00	844731	-0.005	0.02	257	5.3	0.12
410.00	413.00	3.00	844732	-0.005	0.02	199	4.0	0.08

Project: Werneckes **Hole Number:** HV07-25

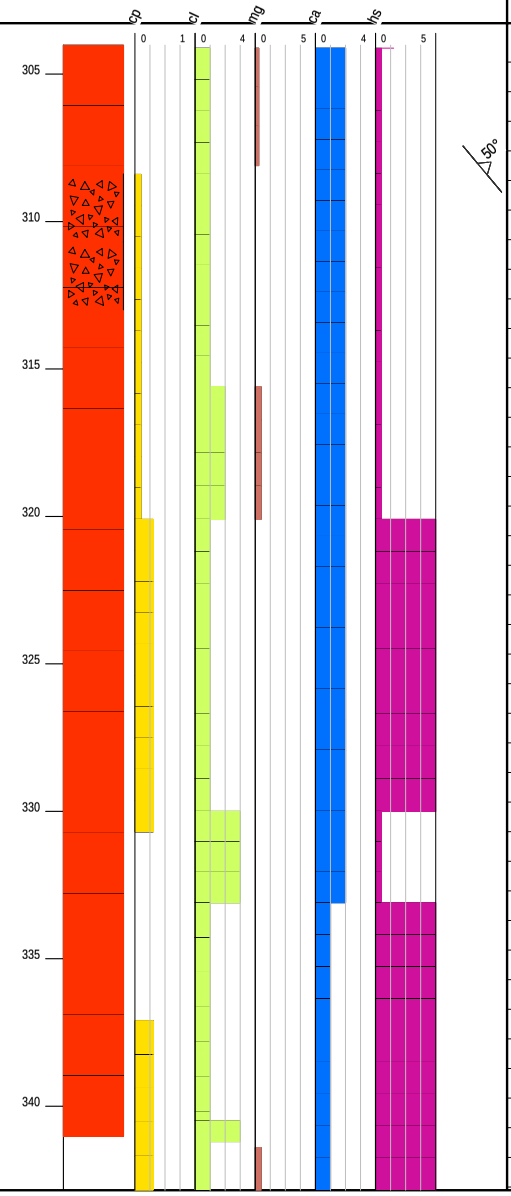
From	To	Rocktype & Description
		< @ 308.10 Calcite - Gypsum vein 50.00-40.00° 30.00cm >
		« 308.40- 313.00 micro breccia of siltstone bhm »
		« 313.00- 315.60 Calcite - Gypsum vein 60.00-40.00°»
		« 354.60- 355.20 Calcite - Gypsum vein -60.00°»
		« 357.20- 357.70 Calcite - Gypsum vein 70.00°»
		« 358.20- 358.70 Calcite - Gypsum vein »
		« 396.40- 402.40 siltstone (likely a large frag, but not for sure.)
		25.00-50.00°»
		EOH @ 413 ended hole because drill ran out of rods.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-25

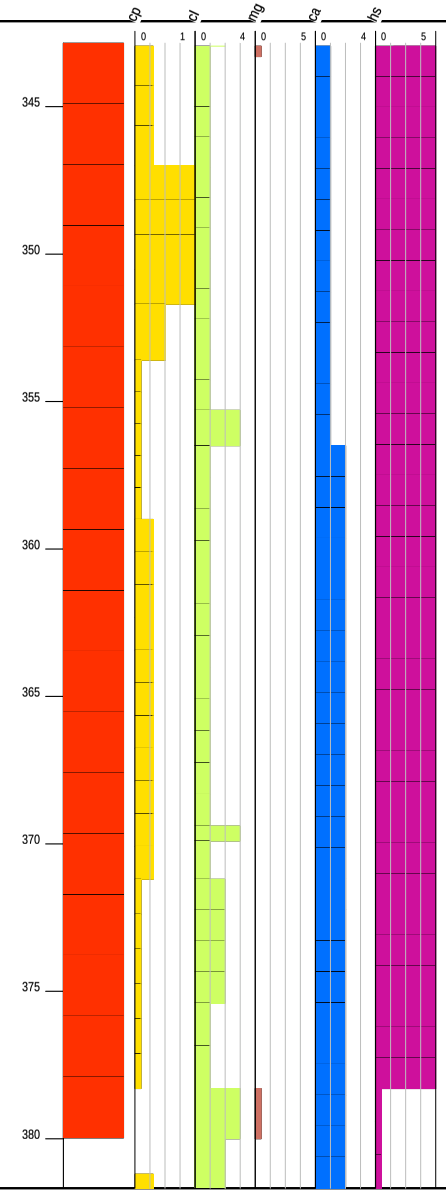
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-25

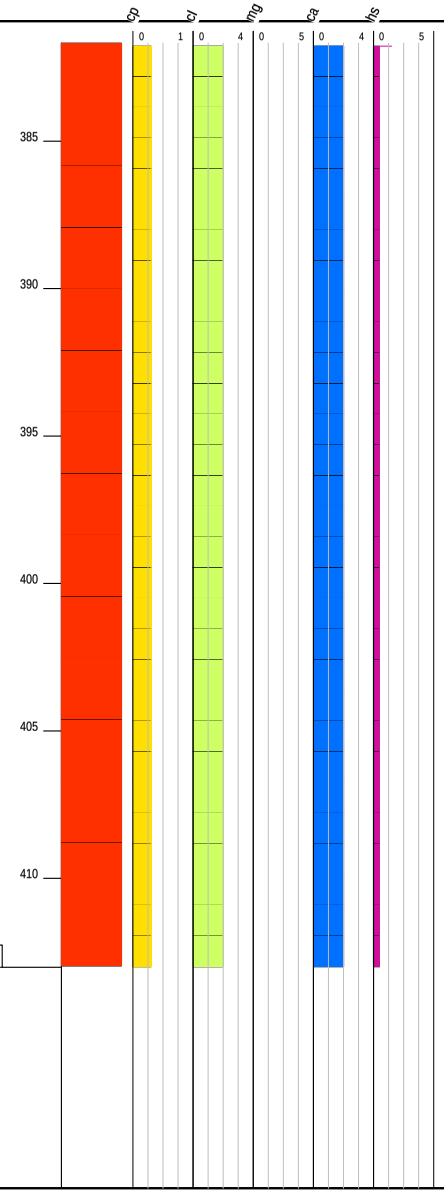
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

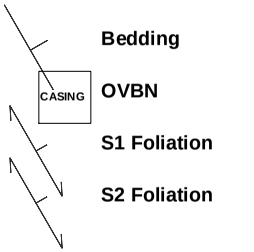
Project: Werneckes **Hole Number:** HV07-25

From	To	Rocktype & Description
413.00	413.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

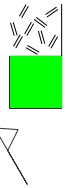
S2 Foliation

bhm

bhm

bht

bht



di

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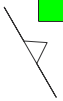


vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 912.9
Hole HV07-26	**Azimuth (º):** 240
Location: 7217475 m North, 535642 m East	**Dip (º):** -75.0
Logged by: N. Perk	**Length (m):** 327.20
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/06/17 **Date Completed:** 2007/06/25	
Dip Tests By: Reflex	
Objective To test for mineralization up-dip from HV07-19 and HV94-07	

Summary Log:

6.4-233.2 m PHYLLITE (ph): Grey-black, fine-grained with alternating very-fine grained dark layers and slightly coarser light grey layers. Foliation defined by alignment of fine grained mica and appears to be bedding parallel. Asymmetric folds and micro faults occur throughout section.

233.2-260.9 m HETEROLITHIC BRECCIA (bht): Dark grey with sections of dark green (cl) and dark red (he) due to alteration. Unit contains sections of crackle breccia, homolithic breccia, phyllite and siltstones that may be large clasts.

260.9-327.2 m SILTSTONE (slts): Pale-dark green, fine grained, finely bedded silstones. Layered texture is locally destroyed by intense alteration. Unit is cut by numerous sets of calcite and quartz veins. Contact with above breccia occurs over several meters of mixed siltstone, breccia, and crackle breccia. The contact between these individual rock types is sharp.

MINERALIZATION:

180.9-233.2 m	1.0-5.0% MG
233.2-260.9 m	3.0-5.0% HS
281.0-308.0 m	5.0-10.0% MG
319.3-327.2 m	1.0-2.0% CP

ALTERATION:

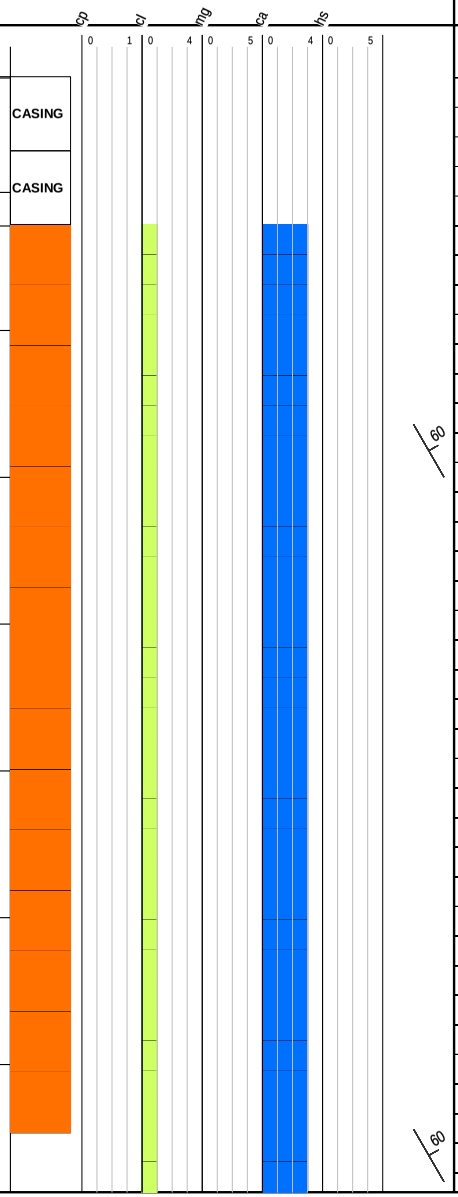
6.4-233.2 m	str MS, wk-str CA, wk CL
233.2-327.2 m	mod-str SI, wk-mod CL, wk-mod CA

Downhole surveys:

Depth	Dip	Azimuth
0.00	-75.00	240.00
0.00	-75.00	240.00

Project: Werneckes **Hole Number:** HV07-26

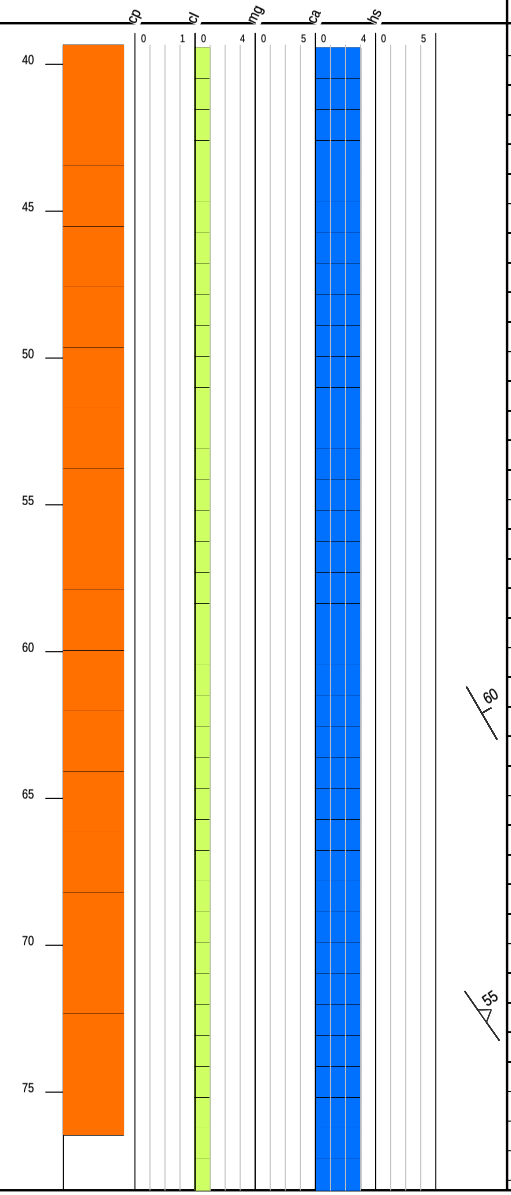
From	To	Rocktype & Description
0.00	6.40	OVBN CASING: No core recovered
6.40	233.20	ph PHYLLITE: grey-black, fine-grained phyllite of the Fairchild Lake Group. Bedding alternates between very fine-grained dark layers to fine-grained light grey layers typically < 2mm thick. A foliation is defined by the allignment of fine-grained mica (sericite, muscovite?) and appears to be bedding parallel. Asymetric folds and micro faults occur throghout the section. Multiple stages of veining (mostly Calcite and qz) must have occured as some veins are folded and faulted while others are not. Alteration: « Sericite 3.00*» « Calcite 1.00-3.00*» pervassive and as veins. Calcite alteration shows variation likely due to the grain size of the primary layers within the package. Coarser layers being more permeable were more condusive to fluid flow and became more strongly altered. « Chlorite 1.00*» Mineralization: Mineralization is mostly in trace amounts so it will not be entered as actual values. 0-98m Pyrite occurs in trace amounts as euhedral crystals within Calcite veins mostly and locally as blebs. 98-180 Trace Chalcopyrite and mg. Chalcopyrite occurs as small blebs and stringers associated with Calcite veins. mg occurs as blebs in Calcite veins and also as desseminations or a replacement within thin (< 2cm) layers parallel to bedding. Pyrite mineralization appears to decrease in this section. This may represent a slight zonation of distal Pyrite mineralization changing to Chalcopyrite - mg as we approach the main zone (or breccia?).



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
8.00	9.00	1.00	844733	-0.005	0.03	66	2.2	0.78
13.00	14.00	1.00	844734	-0.005	0.02	17	1.9	1.02
16.00	17.00	1.00	844735	-0.005	0.02	41	2.8	2.42
20.00	21.00	1.00	844736	-0.005	0.05	70	2.4	0.34
23.00	24.00	1.00	844737	-0.005	0.05	131	2.2	0.40
29.00	30.00	1.00	844738	-0.005	0.03	10	1.6	0.59
32.00	33.00	1.00	844739	-0.005	0.01	4	2.0	0.26
37.00	38.00	1.00	844740	-0.005	0.01	34	1.9	0.24
41.00	42.00	1.00	844741	-0.005	0.01	4	2.2	0.29
46.00	47.00	1.00	844742	-0.005	0.01	6	1.4	0.17
50.00	51.00	1.00	844743	-0.005	-0.01	4	1.9	0.36
55.00	56.00	1.00	844744	-0.005	0.02	27	2.1	1.09
59.00	60.00	1.00	844745	0.016	0.02	19	3.0	0.48
64.00	65.00	1.00	844746	-0.005	0.02	21	2.1	1.82
68.00	69.00	1.00	844747	-0.005	0.08	34	1.4	0.35
71.00	72.00	1.00	844748	-0.005	0.01	37	1.6	0.51
76.00	77.00	1.00	844749	-0.005	0.04	145	1.9	0.53
80.00	81.00	1.00	844750	-0.005	0.02	104	2.2	1.86
85.00	86.00	1.00	844751	-0.005	-0.01	9	1.7	0.30
89.00	90.00	1.00	844752	-0.005	-0.01	6	2.0	0.64
92.00	95.00	3.00	844753	-0.005	-0.01	34	1.8	0.52
95.00	98.00	3.00	844754	-0.005	-0.01	86	1.7	0.36
98.00	101.00	3.00	844755	-0.005	-0.01	399	2.1	0.77
101.00	104.00	3.00	844756	-0.005	-0.01	490	1.7	0.83
104.00	107.00	3.00	844757	-0.005	0.01	339	1.3	1.04
107.00	110.00	3.00	844758	0.007	-0.01	178	1.3	1.11
110.00	113.00	3.00	844759	0.009	-0.01	309	1.4	0.84
113.00	116.00	3.00	844760	-0.005	-0.01	205	1.4	0.55
116.00	119.00	3.00	844762	0.005	-0.01	375	1.7	0.43
119.00	122.00	3.00	844763	-0.005	-0.01	307	1.7	0.48
122.00	125.00	3.00	844764	0.014	0.02	838	2.1	0.70
125.00	126.00	1.00	844765	0.232	0.48	18250	2.7	0.74
126.00	128.00	2.00	844766	0.018	-0.01	219	2.4	0.58

Project: Werneckes **Hole Number:** HV07-26

From	To	Rocktype & Description
		« 180.90- 212.00 mg 1.00%»
		« 212.00- 233.20 mg 3.00-5.00%» as bedding parallel layers of subhedral-euhedral crystals up to 5mm.
		Structure:
		< @ 14.00 Bedding 60 >
		« 29.30- 30.60 crackle breccia of phyllite »
		< @ 38.00 Bedding 60 >
		< @ 62.00 Bedding 60 >
		< @ 66.50 massive Pyrite bleb 8cm across >
		« 66.60- 66.90 Quartz vein »
		< @ 72.30 Quartz - Calcite - Pyrite vein 55 2cm >
		< @ 107.00 Bedding 60° >
		< @ 125.20 Calcite - Chalcopyrite - Pyrite - mg vein 20° 2cm >
		< @ 125.30 Calcite - Chalcopyrite - Pyrite - mg vein 60° 2cm >
		< @ 125.80 Quartz - Ankerite - Chalcopyrite - mg vein 20° 5cm >
		< @ 137.00 Bedding 60° >
		< @ 147.30 Quartz - Chalcopyrite vein 60° 1cm >
		< @ 155.20 intense Chlorite alteration. fault 60° 15cm >
		« 161.70- 162.40 zone of broken/fractures core flt/frx 60°»
		« 164.50- 165.50 zone of broken/fractured core flt/frx 60°»
		< @ 191.00 Bedding 50.00° >
		< @ 209.00 Bedding 55.00° >
		« 226.40- 228.40 crackle breccia 20.00°»

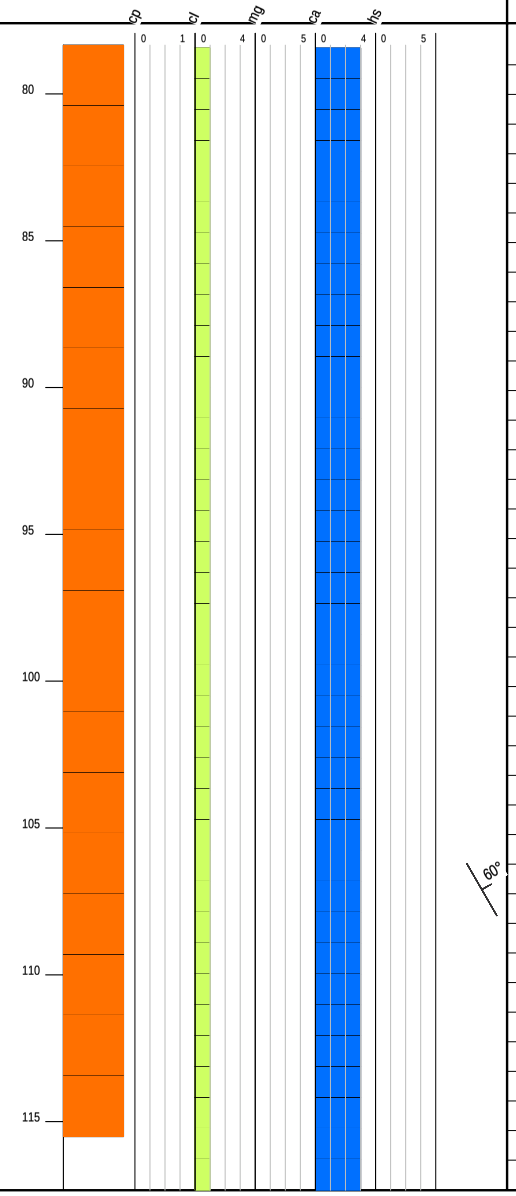


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
128.00	131.00	3.00	844767	0.010	-0.01	69	1.7	0.32
131.00	134.00	3.00	844768	0.005	-0.01	48	1.7	0.84
134.00	137.00	3.00	844769	-0.005	-0.01	36	1.7	0.35
137.00	140.00	3.00	844770	-0.005	-0.01	65	1.7	0.27
140.00	143.00	3.00	844771	-0.005	-0.01	62	1.8	0.64
143.00	146.00	3.00	844772	-0.005	-0.01	160	2.2	0.46
146.00	149.00	3.00	844773	-0.005	-0.01	313	2.0	0.49
149.00	152.00	3.00	844776	-0.005	-0.01	195	1.8	0.61
152.00	155.00	3.00	844777	-0.005	-0.01	174	1.7	0.34
155.00	158.00	3.00	844778	-0.005	0.09	41	1.9	0.39
158.00	161.00	3.00	844779	-0.005	0.01	21	1.9	0.33
161.00	164.00	3.00	844780	-0.005	0.01	79	1.6	0.26
164.00	167.00	3.00	844781	-0.005	0.01	181	2.1	0.38
167.00	170.00	3.00	844782	-0.005	0.01	190	1.9	0.56
170.00	173.00	3.00	844783	-0.005	0.02	367	2.5	0.90
173.00	176.00	3.00	844784	-0.005	0.03	335	2.3	0.83
176.00	179.00	3.00	844785	-0.005	0.01	105	1.8	0.27
179.00	182.00	3.00	844786	-0.005	0.01	139	2.1	0.34
182.00	185.00	3.00	844787	-0.005	0.01	20	2.1	0.33
185.00	188.00	3.00	844788	-0.005	0.02	6	2.1	0.46
188.00	191.00	3.00	844789	-0.005	0.01	25	2.0	0.45
191.00	194.00	3.00	844790	-0.005	-0.01	18	2.6	0.39
194.00	197.00	3.00	844791	-0.005	0.01	25	2.7	0.45
197.00	200.00	3.00	844792	-0.005	-0.01	65	2.4	0.59
200.00	203.00	3.00	844793	-0.005	-0.01	70	3.5	0.45
203.00	206.00	3.00	844795	-0.005	0.01	32	4.7	0.48
206.00	209.00	3.00	844796	-0.005	0.01	155	3.1	1.39
209.00	212.00	3.00	844797	-0.005	0.02	55	3.0	0.76
212.00	215.00	3.00	844798	-0.005	-0.01	20	2.7	0.89
215.00	218.00	3.00	844799	-0.005	0.02	8	3.8	1.08
218.00	221.00	3.00	844800	-0.005	0.02	4	3.6	1.29
221.00	224.00	3.00	844801	-0.005	-0.01	1	3.6	0.98
224.00	227.00	3.00	844802	-0.005	0.01	2	2.9	0.20
227.00	230.00	3.00	844803	-0.005	0.01	2	2.1	0.67
230.00	233.20	3.20	844804	-0.005	0.01	2	3.0	1.36

Project: Werneckes

Hole Number: HV07-26

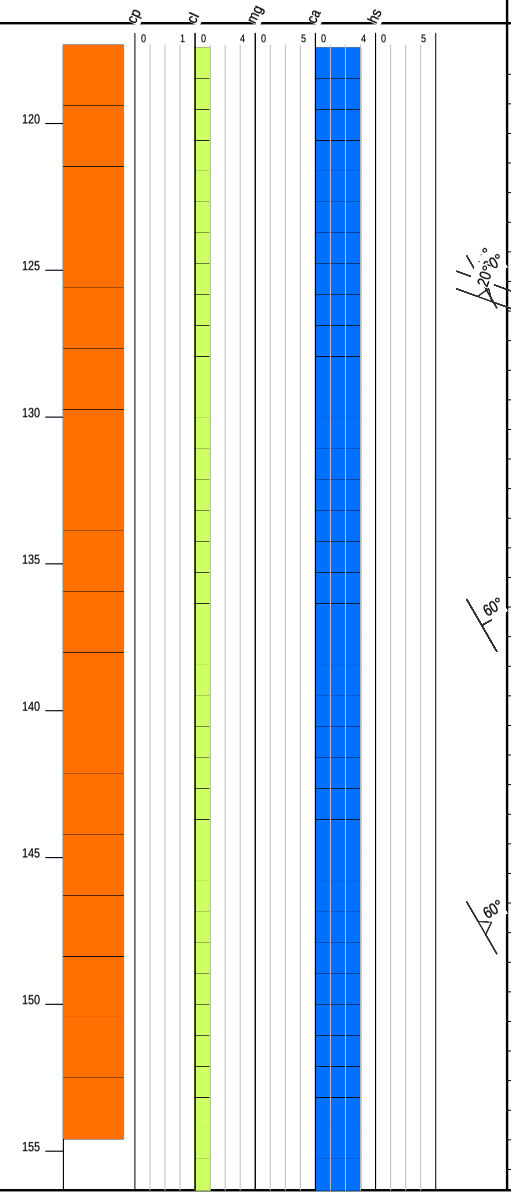
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-26

From	To	Rocktype & Description

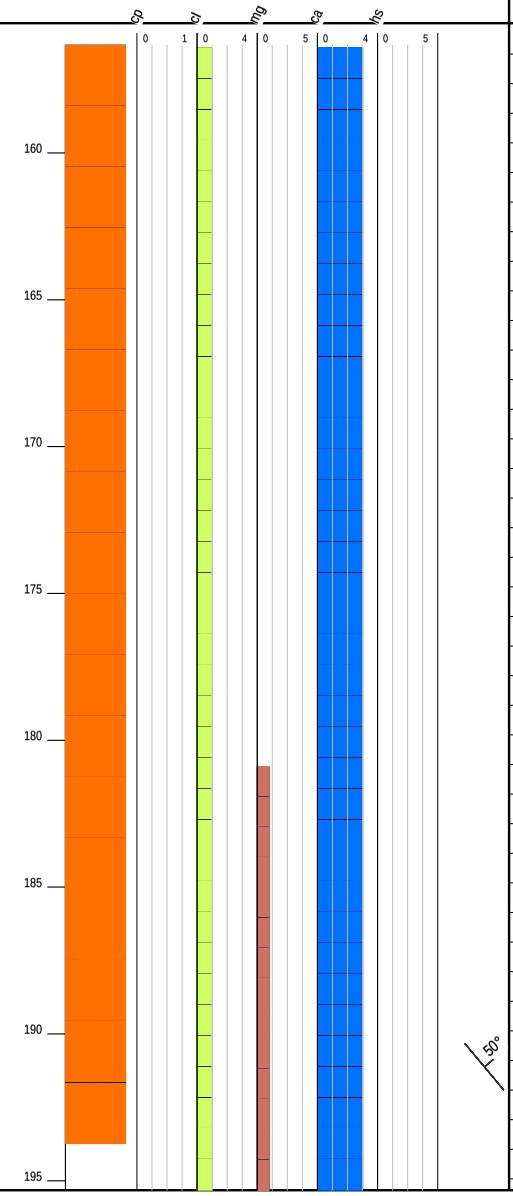


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes

Hole Number: HV07-26

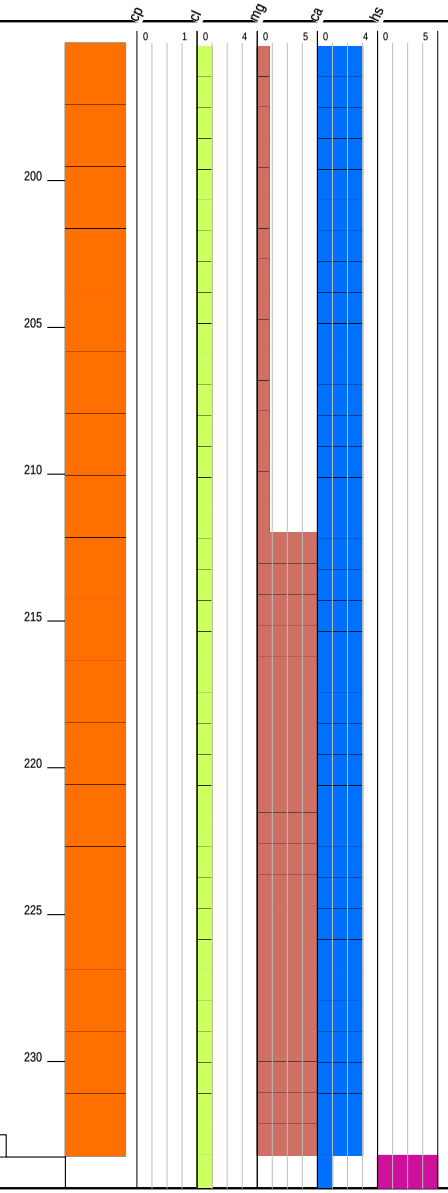
From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** HV07-26

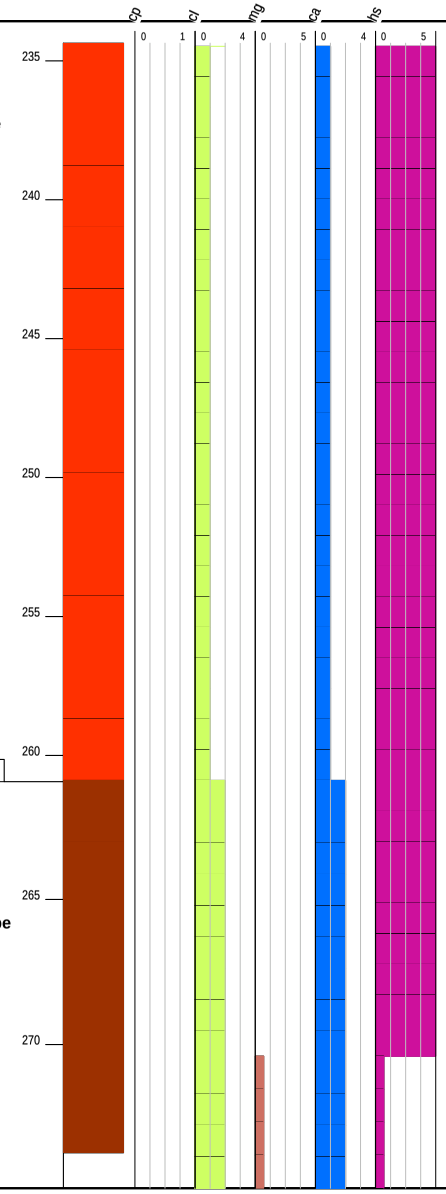
From	To	Rocktype & Description
233.20	260.90	bht
		HETEROLITHIC BRECCIA: dark grey with sections of dark green (chlorite) and



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
233.20	236.00	2.80	844805	-0.005	0.03	2	9.3	1.52
236.00	239.00	3.00	844806	-0.005	0.02	6	5.0	0.59

Project: Werneckes **Hole Number:** HV07-26

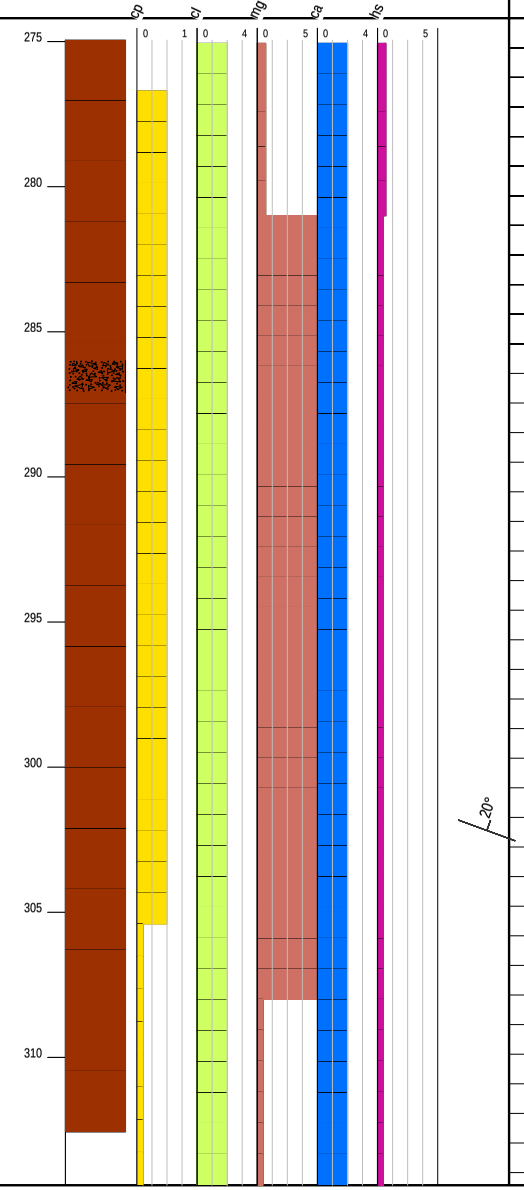
From	To	Rocktype & Description
		dark red (hematite) due to alteration. The unit is highly variable with sections of crackle breccia, homolithic breccia, phyllite and siltstones that may be large clasts. The contact between the breccia and the overlying phyllite is sharp and appears to be intrusive with the breccia truncating bedding in the phyllite. At the contact, 3-5% magnetite in the phyllites is exchanged for 3-5% specular hematite in the breccia. Alteration: « Silicification 3.00*» pervassive silicification of the breccia « Calcite 1.00*» « Chlorite 1.00*» « Hematite 1.00%» Mineralization: « Specularite 3.00-5.00%» « Pyrite 0.10%»
260.90	327.20	slts
		SILTSTONE: Pale-dark green, fine-grained and finely bedded siltstones of the Fairchild Lake Group. Layered texture is localy destroyed by intense alteration. Unit is cut by numerous sets of Calcite and Quartz veins. Contact with above bht occurs over several meters of mixted silstone, breccia, and crackle breccia although the contact between these individual rock types can be sharp. In this respect, the contact should be thought of as a zone, rather than a sharp intrusive contact. Alteration: « Chlorite 2.00*» « Calcite 2.00*» « Silicification 2.00*» the alteration of this unit is stronger than seen in units above and occurs pervassively.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
239.00	242.00	3.00	844807	-0.005	0.01	5	3.7	0.51
242.00	245.00	3.00	844808	-0.005	0.01	17	6.2	0.41
245.00	248.00	3.00	844809	-0.005	0.02	270	6.4	1.09
248.00	251.00	3.00	844810	-0.005	0.02	66	6.4	1.16
251.00	254.00	3.00	844811	-0.005	0.06	383	4.8	1.07
254.00	257.00	3.00	844812	-0.005	0.02	245	4.1	0.79
257.00	260.00	3.00	844814	-0.005	0.01	97	6.6	0.80
260.00	263.00	3.00	844815	-0.005	0.05	30	10.2	0.54
263.00	266.00	3.00	844816	-0.005	0.01	102	27.8	0.52
266.00	269.00	3.00	844817	-0.005	0.02	77	6.2	0.45
269.00	272.00	3.00	844818	0.016	0.05	127	3.5	4.00
272.00	275.00	3.00	844819	-0.005	0.04	2	0.3	0.06
275.00	276.70	1.70	844820	0.013	0.03	348	3.2	3.31
276.70	278.70	2.00	844821	0.400	0.07	2630	3.1	96.80
278.70	281.00	2.30	844822	0.005	0.02	98	2.0	2.00
281.00	284.00	3.00	844824	0.007	0.01	199	2.2	3.15
284.00	286.00	2.00	844825	-0.005	0.01	42	2.5	4.67
286.00	287.10	1.10	844827	0.078	0.08	3770	5.9	18.20
287.10	290.00	2.90	844828	0.064	0.03	634	9.8	3.36
290.00	293.00	3.00	844829	0.040	0.02	70	10.6	1.53
293.00	296.00	3.00	844830	0.006	0.03	163	2.3	0.39
296.00	299.00	3.00	844831	0.030	0.06	1240	2.1	0.65

Project: Werneckes **Hole Number:** HV07-26

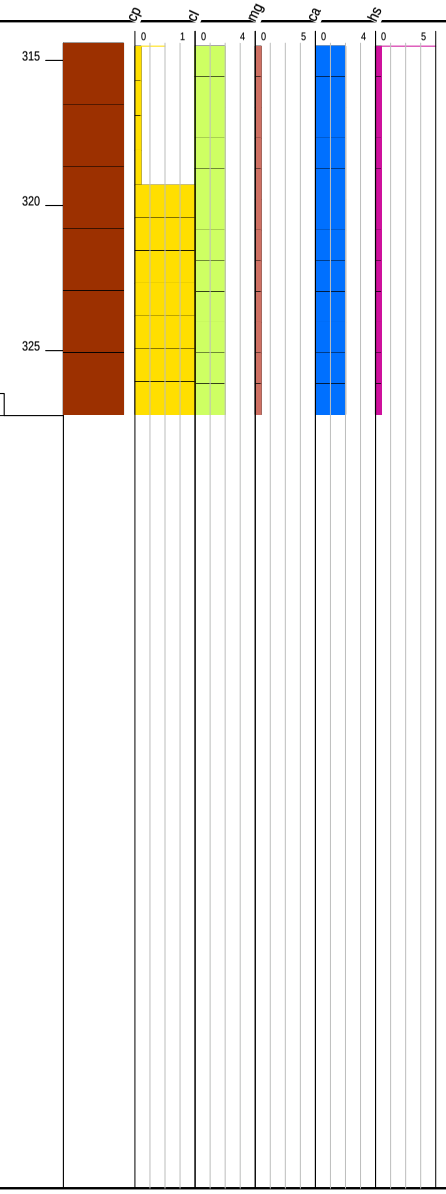
From	To	Rocktype & Description
		Mineralization:
		« 270.40- 281.00 mg 0.70%» « Specularite 0.70%»
		« 281.00- 308.00 mg 5.00-10.00%» « Specularite 0.50%»
		« 308.00- 327.20 mg 0.50%» « Specularite 0.50%»
		« 276.70- 278.70 Pyrite 2.00%»
		« 278.70- 305.40 Pyrite 0.50%»
		« 276.70- 305.40 Chalcopyrite 0.50%»
		« 305.40- 319.30 Chalcopyrite 0.10%» « Pyrite 0.10%»
		« 319.30- 327.20 Chalcopyrite 2.00%» « Pyrite 0.50%» occuring as veins and stringers within a crackle breccia of the siltstone.
		Structure:
		« 279.40- 279.80 fractured and broken core frx/flt »
		« 286.00- 287.10 fractured bht with mod Malachite along fractures. bht 50°»
		< @ 302.00 Bedding 20° >
		« 314.00-327.2 broken and fractured core with mod Fe-oxides along fractures frx »
		< @ 319.30 silicified gauge fault 70° 3cm >
		« 319.30- 327.20 Calcite - Quartz - Chalcopyrite matrix crackle breccia »
		< @ 327.20 EOH > Hole ended due to blocky ground (possible fault) and drill problems. We tried for 4 days to continue with no success.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
299.00	302.00	3.00	844832	0.020	0.05	168	2.5	1.21
302.00	305.40	3.40	844833	0.049	0.03	1910	3.0	3.40
305.40	308.00	2.60	844834	0.007	-0.01	545	1.7	0.32
308.00	311.00	3.00	844835	-0.005	-0.01	60	4.3	0.40
311.00	314.00	3.00	844836	-0.005	-0.01	72	4.1	0.58
314.00	317.00	3.00	844837	-0.005	-0.01	71	7.2	0.94
317.00	319.30	2.30	844838	-0.005	-0.01	51	5.4	0.95
319.30	320.00	0.70	844839	0.504	0.70	49200	1.9	42.10
320.00	323.00	3.00	844840	0.082	0.14	6820	2.4	14.85
323.00	326.00	3.00	844841	0.104	0.11	5790	2.0	2.38
326.00	327.20	1.20	844842	1.240	0.53	18650	3.0	8.15

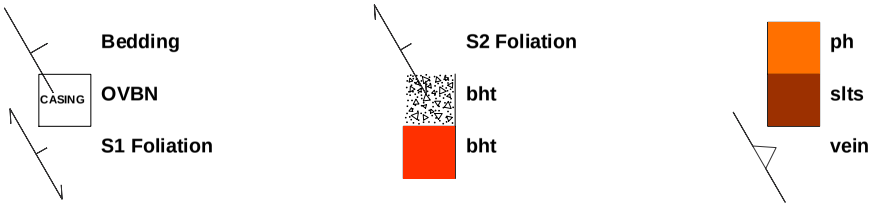
Project: Werneckes **Hole Number:** HV07-26

From	To	Rocktype & Description
327.20	327.20	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 773.0
Hole HV07-27	**Azimuth (º):** 60.0
Location: 7217391 m North, 535384 m East	**Dip (º):** -45.0
Logged by: D. Baker	**Length (m):** 310.70
Drilled by: Foraco	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/25 **Date Completed:** 2007/09/30	
Dip Tests By:	
Objective To test for the high grade mineralized zone encountered at the bottom of hole HV07-26.	

Summary Log:

0-3m CASING

3- 13.5m SILTSTONE (slts): olive green, mMS, wCL-SI, 0.5% TOR alteration. 3% MG. Trace SP.

13.5- 90.9m SILTSTONE (slts): olive green, moderate MS, weak CA-CL-SI-AB?, 0.5% TOR alteration, trace native copper and possible cuprite on oxidized fractures at 57.2m. 0.3% CP up to 25% CP locally.

90.9- 204.7m SILTSTONE (slts): sCL, wCA-MS. Trace CP

204.7- 267.4m SILTSTONE (slts): well mineralized at top of interval (2% CP) decreasing to bottom (0.5% CP). sCA. mCL-CA.

267.4- 268.2m SHEAR ZONE (fltbx): strongly foliated bht. 2% PY

268.2- 310.5m HETEROLITHIC BRECCIA (bht): mCA, wCL. 0.1% CP, 3% HS, 1% MG

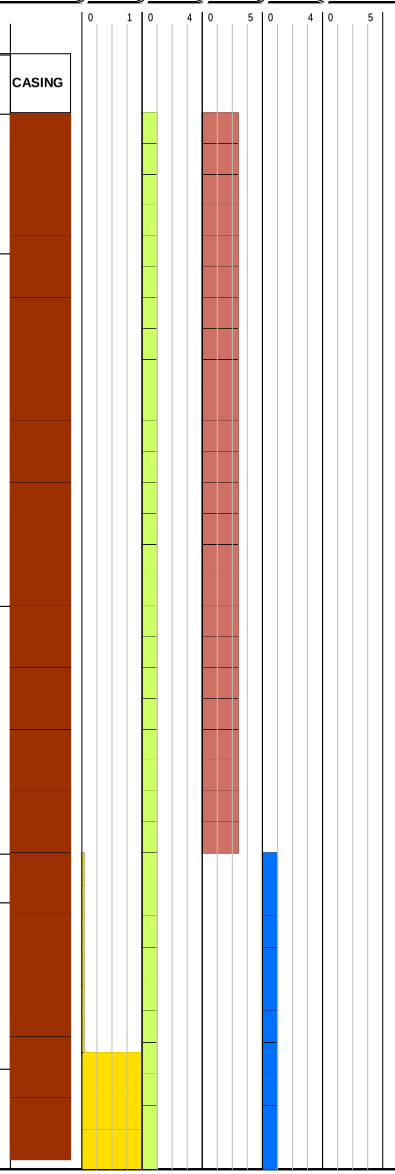
310.5m EOH

Downhole surveys:

Depth	Dip	Azimuth
4.00	45.90	0.00
201.00	-47.90	66.80
252.00	-48.30	81.80
303.00	-48.30	80.80

Project: Werneckes **Hole Number:** HV07-27

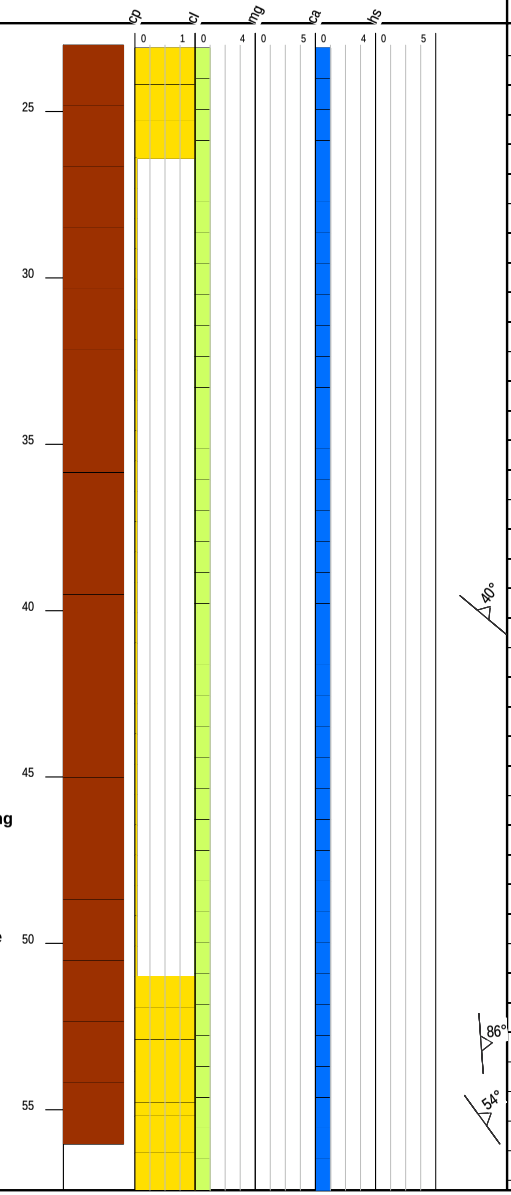
From	To	Rocktype & Description
0.00	3.00	OVBN CASING: no recovery
3.00	13.50	slts SILTSTONE: light grey to green, coherent, laminated rock. Unmineralized. Bedding is typically at low angle to core axis. Magnetite is common « 3.00- 13.50 mg 3.00%» as irregular blebs and as 5 mm wide beds with about 50% medium-grained magnetite (i.e. preferential replacement). Note that the next interval is mineralized but magnetite is absent. Trace, disseminated reddish sphalerite, « Sphalerite 0.01%» Alteration is dominated by silica-sericite-chlorite with minor black tourmaline. « Sericite 2.00*» « Chlorite 1.00*» « Silicification 1.00*» « Tourmaline 0.50%» , identification based on colour and hardness and strongly euhedral (short stubby) crystal form, area of massive tourmaline at 6.9 m Petrographic Sample: HV07-27 6.8m tourmaline? black stubby, euhedral mineral in quartz < @ 7.20 bedding 14° > < @ 10.60 bedding 38° >
13.50	90.90	slts SILTSTONE: coherent, well-laminated, pale olive green to dark grey sedimentary rock. Top of this unit defined by the prescence of chalcopyrite which varies across this interval from trace to 2%. Also the lack of magnetite was noted in this interval - chalcopyrite zone begins where magnetite disappears. Trace red sphalerite is disseminated throughout and locally seems to be coeval with chalcopyrite. Typical texture comprises olive green rock with 30% dark grey to black mm-scale layers that are interpreted to be preferentially altered beds (although this colour could be a primary effect too). Locally, at least, this dark colouration



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
3.00	6.00	3.00	242001	-0.005	0.09	11	1.1	1.13
6.00	9.00	3.00	242002	0.008	0.10	16	1.5	0.35
9.00	11.20	2.20	242003	-0.005	0.04	47	1.4	0.32
11.20	13.50	2.30	242004	0.006	0.03	76	1.1	0.29
13.50	15.50	2.00	242005	0.005	0.08	536	0.9	0.35
15.50	17.50	2.00	242006	0.033	0.11	353	1.3	11.05
17.50	19.50	2.00	242007	-0.005	0.03	234	0.9	0.47
19.50	21.20	1.70	242008	1.550	1.70	41900	15.5	3.63
21.20	22.50	1.30	242009	0.068	0.13	3150	3.4	12.65
22.50	23.60	1.10	242010	0.023	0.05	1030	1.6	1.24
23.60	24.60	1.00	242011	0.225	0.18	7830	1.4	3.18
24.60	25.60	1.00	242012	0.449	0.29	15300	2.1	2.54
25.60	26.40	0.80	242013	0.213	0.27	12050	3.4	7.47
26.40	28.60	2.20	242014	0.018	0.05	825	1.7	0.65
28.60	30.60	2.00	242015	0.081	0.13	2330	1.7	3.26

Project: Werneckes **Hole Number:** HV07-27

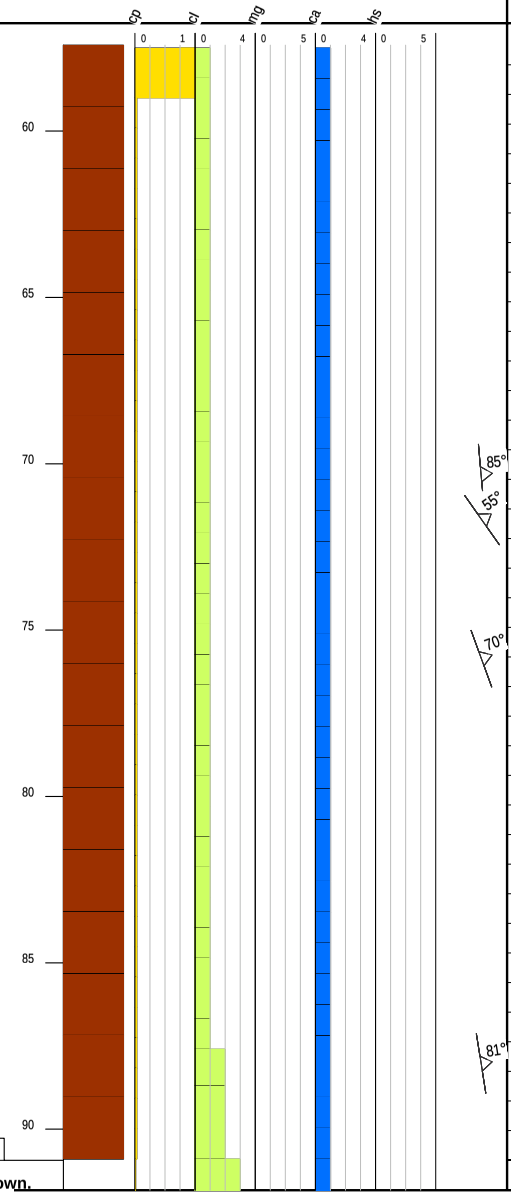
From	To	Rocktype & Description
		is due to fine-grained tourmaline alteration.
		« Sericite 2.00*» « Silicification 1.00*» « Chlorite 1.00*» « Calcite 1.00*» « Dolomite 1.00%» « 13.50- 90.9 Tourmaline 0.50%» « Albite 1.00», not possitive on albite identification - see petrographic report
		Overall sulphide content of « Chalcopyrite 0.03%» « Sphalerite 0.01%»
		COPPER MINERALIZED ZONE (19.5 to 26.4 m): Characterized by several irregular, ragged-shaped, veins of massive chalcopyrite with minor pyrite, typcially as fine rims around the more massive chalcopyrite. Although irregular, the chalcopyrite-bearing veins are typically at high angle to core axis. These veins are generally sulphide-only, but earlier quartz carbonate veins are also common in this interval. Common neoticite along fractures.
		« 19.50- 26.40 Chalcopyrite 1.50%» « Pyrite 0.20%» , moderately hard, bone coloured alteration phase near the strongest mineralized zone
		Petrographic Sample: HV07-27 23.8m albite? nature of alteration and mineralization
		COPPER MINERALIZED ZONE (51.0 to 59.0 m): Elevated chalocpyrite « 51.00- 59.00 Chalcopyrite 1.00%» « Molybdenite 0.01%» trace molybdenite at 54.0 m associated with quartz vein, also minor native copper dendrites along fracture surface and possibly cuprite as pink-red, resinous secondary crystal growth, euhedral. Native Copper also along stronly oxidised fracture at 57.2 m. Overall, zone is moderately oxidised « Malachite 1.00%» « Jarosite 1.00*» « Geothite 1.00%». Chalcopyrite generally occurs as irregular blebs and along fractures. Abundant, irregular stock-work of Chalcopyrite at « 54.80- 55.20 m Chalcopyrite 10.00%» . Common neotocite along fractures.
		« 87.60- 90.90 Chlorite 2», chlorite increases towards bottom on interval. Contact is gradational and defined here by a change from sericite-albite-chalcopyrite to chlorite-calcite-pyrite dominated assemblages.
		< @ 13.60 calcite-chalcopyrite vein 40° 5mm >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
30.60	33.00	2.40	242017	0.009	0.06	873	1.2	3.09
33.00	35.00	2.00	242018	-0.005	0.01	250	1.3	1.70
35.00	37.00	2.00	242019	0.042	0.08	4620	2.6	5.28
37.00	39.00	2.00	242020	0.180	0.16	5320	2.7	6.37
39.00	41.00	2.00	242022	0.033	0.08	2040	2.2	8.43
41.00	43.00	2.00	242023	0.089	0.08	3450	2.0	3.40
43.00	45.00	2.00	242024	0.006	0.01	520	1.0	2.65
45.00	47.00	2.00	242025	-0.005	-0.01	157	2.0	0.40
47.00	49.00	2.00	242026	-0.005	0.01	217	1.2	0.38
49.00	51.00	2.00	242027	0.021	0.02	1170	1.4	3.48
51.00	53.00	2.00	242028	0.303	0.22	9260	5.0	36.50
53.00	54.00	1.00	242029	0.174	0.15	7380	3.0	82.10
54.00	54.80	0.80	242030	0.309	0.11	9040	5.9	12.50
54.80	55.20	0.40	242031	1.080	1.05	72100	7.1	7.15
55.20	56.00	0.80	242032	0.135	0.10	5680	2.0	3.67
56.00	57.00	1.00	242034	0.122	0.06	5150	1.3	4.54
57.00	58.00	1.00	242035	0.356	0.32	20000	3.7	160.50
58.00	59.00	1.00	242036	0.144	0.16	4790	2.7	31.10
59.00	61.00	2.00	242037	0.022	-0.01	763	1.9	10.65
61.00	63.00	2.00	242038	0.009	-0.01	602	1.4	5.26
63.00	65.00	2.00	242039	0.182	0.01	761	1.4	10.15
65.00	67.00	2.00	242040	-0.005	-0.01	262	1.0	0.62
67.00	69.00	2.00	242041	0.025	0.04	1020	1.5	3.60
69.00	71.00	2.00	242042	0.043	0.09	1910	1.8	2.97
71.00	73.00	2.00	242043	0.006	0.04	213	1.2	1.04
73.00	75.00	2.00	242044	0.056	0.07	2310	1.5	32.50
75.00	77.00	2.00	242045	0.013	0.04	764	1.1	16.25
77.00	79.00	2.00	242046	0.006	0.04	37	1.0	0.83
79.00	81.00	2.00	242047	-0.005	0.05	30	1.2	0.81
81.00	83.00	2.00	242048	-0.005	0.18	78	2.8	0.46
83.00	85.00	2.00	242049	0.085	0.10	490	2.4	13.50
85.00	87.00	2.00	242050	0.010	0.05	151	1.0	4.57
87.00	89.00	2.00	242051	0.013	0.91	597	1.2	2.87
89.00	90.90	1.90	242052	0.029	0.05	622	1.4	2.24

Project: Werneckes **Hole Number:** HV07-27

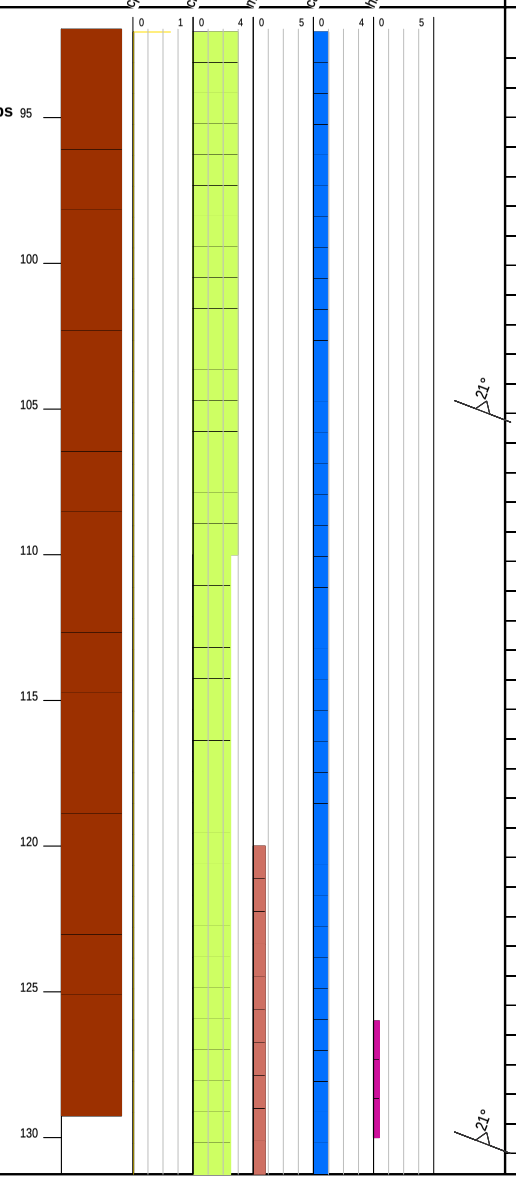
From	To	Rocktype & Description
		< @ 27.40 bedding 17° >
		< @ 23.00 bedding 18° >
		< @ 35.00 bedding 31° >
		< @ 45.00 bedding 8° >
		< @ 53.50 bedding 9° >
		< @ 63.00 bedding 10° >
		< @ 72.50 bedding 9° >
		< @ 80.00 bedding 9° >
		< @ 88.80 bedding 17.00° >
		< @ 40.00 cp, Calcite vein 40° >
		< @ 53.00 Chalcopyrite mineralization 0.5mm width vein 86° >
		< @ 55.20 cp, carbonate (ankerite?) vein 1cm width 54° >
		< @ 70.30 cp, carbonate (ankerite?) vein 5mm width 85° >
		< @ 71.60 qz, Calcite vein 40cm in length vein 55° > Irregular bottom contact but planar upper contact.
		< @ 75.80 qz, ca,cl, Chalcopyrite vein 20cm width vein 70° >
		< @ 88.00 cp, Calcite 2mm width vein 81.00° >
90.90	193.50	slts
		SILTSTONE: well-laminated, coherent, competent rock. Green to green-pale brown.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
90.90	92.60	1.70	242053	0.376	0.13	948	2.9	8.65
92.60	93.80	1.20	242054	0.018	0.07	429	2.2	4.84

Project: Werneckes **Hole Number:** HV07-27

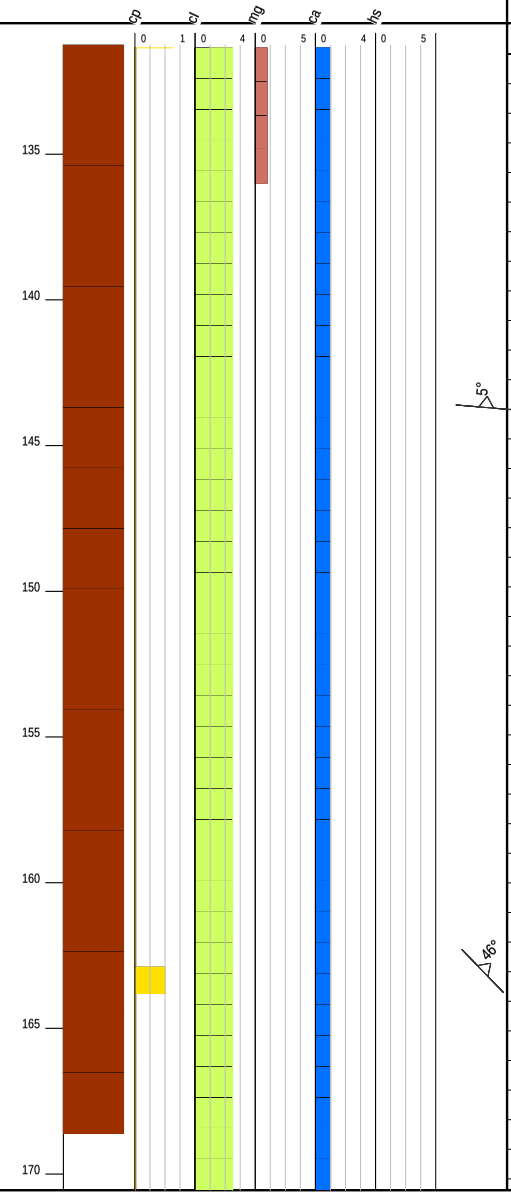
From	To	Rocktype & Description
		Protolith is equivalent to the above unit but alteration and mineralization differs. This unit generally lacks chalcopyrite. To about 125 m, 2-15 cm wide intervals with abundant coarse-grained pyrite as large almalgamations and blebs associated with calcite and / or quartz veins are common. At 96.4 m, pyrite is associated with elevated scintillometer counts up to 415 cps.
		Calcite veins locally have tourmaline selvedges and although they cut sharply across bedding, vein margins are typically cauliflower-shaped. Some calcite veins contain cm-scale irregular masses of a green-brown, prismatic phase - amphibole? Petrographic sample HV07-104.6 collected to identify this mineral but herein called hornblende. Rare gypsum-calcite veins below 153.3 m.
		« Chlorite 3.00*» « Calcite 1.00*» « Sericite 1.00*» « Chalcopyrite 0.01%»
		« 90.90- 144.00 Sphalerite 0.01%» fine, red sphalerite, absent below about 144 m
		« 110.00- 193.5 Sericite 2.00», lighter, soft, sandy brown with less chlorite
		« Chlorite 2.50*» , magnetite increases as fine bedding-concordant layers « 120.00- 136.00 mg 1.00%»
		« 126.00- 130 Specularite 0.50%» associated with discrete, planar quartz veins
		« 138.00- 193.50 Tourmaline 0.50%»
		« 162.90- 163.80 Chalcopyrite 0.50%» « Pyrite 2.00%» « Tourmaline 3.00%» « Silicification 2.50*» fractures healed by quartz, bedding discordant slip planes
		BEDDING
		< @ 96.70 bedding 41.00° >
		< @ 104.70 bedding 54.00° >
		< @ 111.00 bedding 38.00° >
		< @ 114.00 bedding 0° >
		< @ 119.70 bedding 33.00° >
		< @ 129.50 bedding 21.00° >
		< @ 139.00 bedding 26.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
93.80	96.00	2.20	242055	-0.005	0.04	15	1.2	2.22
96.00	96.50	0.50	242056	0.035	0.05	15	109.5	49.00
96.50	98.50	2.00	242057	1.085	0.08	36	7.5	15.90
98.50	101.00	2.50	242058	0.325	0.05	57	17.1	100.50
101.00	102.00	1.00	242059	0.041	0.03	42	2.5	12.40
102.00	105.00	3.00	242060	0.035	0.02	67	2.1	9.29
105.00	108.00	3.00	242061	0.052	0.03	47	2.9	49.60
108.00	111.00	3.00	242062	-0.005	0.02	47	2.1	2.50
111.00	114.00	3.00	242064	0.006	0.30	59	2.2	2.34
114.00	117.00	3.00	242065	0.019	1.02	45	2.1	5.08
117.00	120.00	3.00	242066	-0.005	0.08	39	2.3	2.36
120.00	123.00	3.00	242068	0.042	0.08	298	2.1	3.83
123.00	125.70	2.70	242069	-0.005	0.03	35	1.5	1.42
125.70	127.80	2.10	242070	-0.005	0.02	53	2.0	0.60
127.80	129.00	1.20	242071	-0.005	0.03	22	1.9	0.48
129.00	132.00	3.00	242072	-0.005	0.03	38	1.9	0.71
132.00	135.00	3.00	242073	0.012	0.02	438	1.7	1.15
135.00	138.00	3.00	242074	0.011	-0.01	71	2.2	0.49
138.00	140.50	2.50	242075	-0.005	-0.01	95	2.4	0.61
140.50	143.50	3.00	242076	-0.005	-0.01	295	2.0	0.66
143.50	146.50	3.00	242077	-0.005	-0.01	254	2.1	0.43
146.50	149.50	3.00	242078	-0.005	-0.01	76	3.2	0.41
149.50	152.50	3.00	242079	0.006	-0.01	232	3.1	0.44
152.50	155.50	3.00	242080	-0.005	-0.01	95	3.0	0.24
155.50	158.50	3.00	242081	-0.005	-0.01	93	3.6	1.83
158.50	161.00	2.50	242083	-0.005	-0.01	101	2.5	3.75
161.00	162.90	1.90	242084	-0.005	-0.01	190	1.7	0.60
162.90	163.80	0.90	242085	-0.005	-0.01	1040	3.7	88.80
163.80	166.00	2.20	G242086					
166.00	169.00	3.00	242087	-0.005	0.04	20	2.1	0.38
169.00	172.00	3.00	242088	-0.005	0.04	40	1.5	0.34
172.00	175.00	3.00	242089	-0.005	0.04	35	1.9	0.30
175.00	178.00	3.00	242090	-0.005	0.02	67	1.8	0.44
178.00	181.00	3.00	242091	-0.005	0.04	19	1.7	0.78
181.00	184.00	3.00	242092	-0.005	0.02	8	2.5	0.23
184.00	187.00	3.00	242093	-0.005	0.01	35	2.5	0.52
187.00	190.00	3.00	242094	-0.005	-0.01	47	2.5	0.16
190.00	192.00	2.00	242095	-0.005	0.01	30	2.3	0.42

Project: Werneckes **Hole Number:** HV07-27

From	To	Rocktype & Description
		< @ 145.40 bedding 31° >
		< @ 155.00 bedding 15.00° >
		< @ 165.00 bedding 36.00° >
		< @ 173.50 bedding 18.00° >
		< @ 183.00 bedding 14.00° >
		< @ 191.00 bedding 18.00° >
		VEINS
		< @ 104.90 qz, tor, trace Chalcopyrite 2cm width vein 21.00° >
		< @ 130.00 ca, Specularite 1cm width vein 21.00° >
		< @ 143.50 calcite-chalcopyrite vein 5° 8mm >, jagged, brittle style vein
		< @ 162.90 coarse-grained calcite vein 46° 30cm >
		< @ 189.20 quartz-chlorite-spec hem vein 82° 1cm >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
192.00	193.50	1.50	242096	-0.005	0.02	58	2.6	0.39

Project: Werneckes **Hole Number:** HV07-27

From	To	Rocktype & Description
193.50	204.70	slts

SILTSTONE: similar to previous interval but with minor chalcopyrite mineralization. Represents a transitional zone between upper unmineralized interval and lower, strongly mineralized interval.

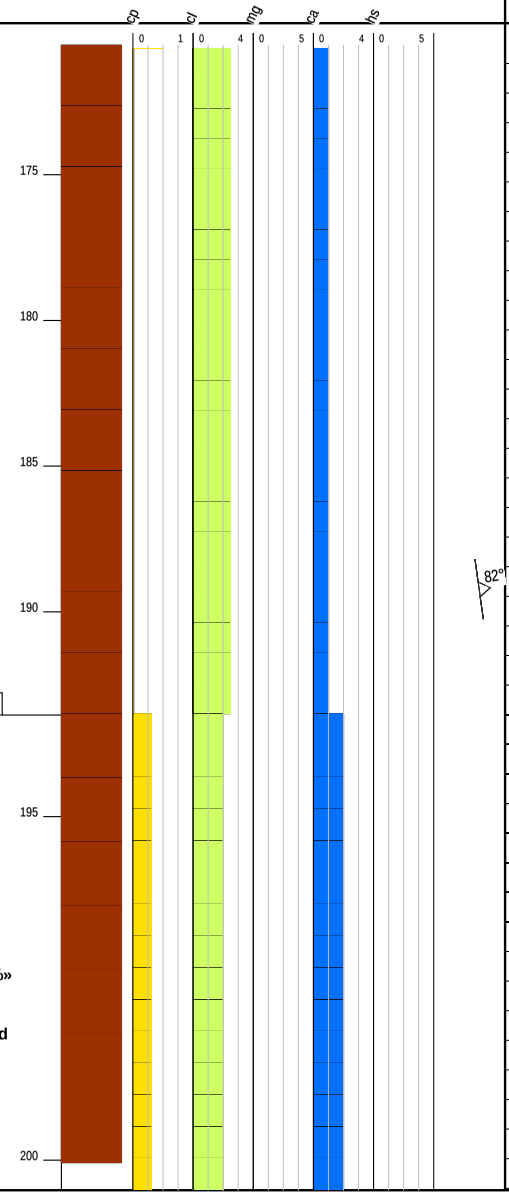
Coherent, well-laminated sedimentary rock. Pale brown to olive green to grey. Colour typically varies between layers.

« Chlorite 2.00*» « Sericite 2.00*» « Silicification 1.00*» « Calcite 2.00*» pervasive calcite particularly in movre coarse-grained beds;« Tourmaline 2.00%» generally associated with fractures, also forming mm-scale veins, appears coeval with chalcopyrite; « Chalcopyrite 0.30%» generally as fracture-connected blebs and with thin planar to irregular calcite veins.

BEDDING

< @ 196.00 Bedding (S0) 23.00° >

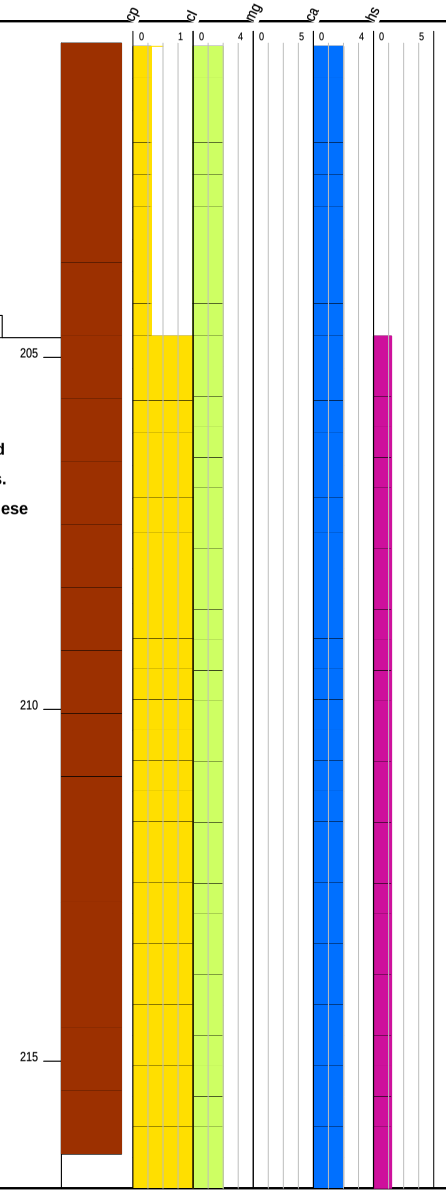
< @ 199.50 Bedding (S0) 22.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
193.50	195.00	1.50	242097	0.014	0.03	703	3.3	1.42
195.00	196.50	1.50	242098	0.008	0.04	484	2.5	7.52
196.50	198.00	1.50	242099	0.013	0.02	223	2.5	2.07
198.00	199.50	1.50	242100	-0.005	-0.01	270	1.9	0.92
199.50	201.00	1.50	242101	-0.005	0.03	132	1.8	1.02
201.00	202.20	1.20	242102	0.012	0.01	494	2.2	0.45
202.20	203.40	1.20	242103	0.010	0.03	1100	2.0	1.66
203.40	204.70	1.30	242104	0.009	0.06	331	1.8	0.41

Project: Werneckes **Hole Number:** HV07-27

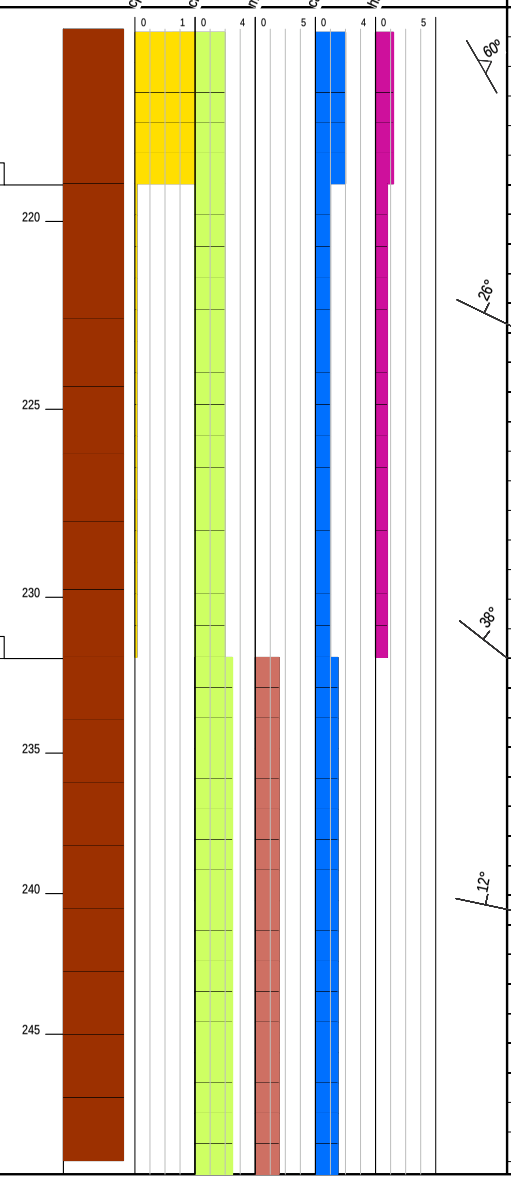
From	To	Rocktype & Description
		< @ 202.60 Bedding (S0) 10.00° >
		VEINS
		< @ 193.60 Vein 75.0° 10cm> hydrothermal breccia with quartz-calcite-tourmaline-chalcopyrite cement
		< @ 198.30 Vein 54.0° 1cm > quartz-plagioclase-calcite-trace chalcopyrite, tourmaline common in selvedge. Vein is light pink.
		< @ 203.30 Vein 75.0° > 1 mm, black tourmaline only, several similar veinlets in this part of the hole
204.70	219.00	slts
		SILTSTONE: Chalcopyrite mineralized zone. Well-bedded, coherent, competent rock; pale brown to grey. Bedding at a consistently low angle to core axis.
		Well mineralized with common fine, fracture-controlled and lesser disseminated chalcopyrite and conspicuous irregular chalcopyrite veins with ragged margins. Locally forming mesh-texture and chalcopyrite-cementing stockwork zones. These zones consistently cut core axis at a high angle, although locally sulphides have also precipitated along bedding planes. Locally pyrite forms intimate intergrowths with chalcopyrite. Euhedral tourmaline forms selvedges to mineralized areas. Magnetite is locally present within chalcopyrite patches.
		« 204.70- 219.00 Chlorite 2.00*» « Calcite 2.00*» « Sericite 1.00*» « Tourmaline 5.00%» « Chalcopyrite 2.00%» « Pyrite 0.50%»
		« 204.70- 219.00 Specularite 1.50%» ,genrally as long blades in veins
		« 207.00- 209.00 Chalcopyrite 3.50%» « Calcite 2.00*» « Molybdenite 0.01%»
		BEDDING:
		< @ 205.20 Bedding 21° >
		< @ 214.00 Bedding 14° >
		< @ 222.30 Bedding 26° >
		VEINS:
		< @ 204.75 Vein 64.0° 2cm, QZ CA CP CL TOR >
		< @ 205.60 Vein 34.0° 4cm, AK CA CP HS >
		< @ 206.70 Vein 60.0°, CP >
		< @ 209.30 CP vein 70.0° 1cm >
		< @ 212.50 CP-PY vein 80.0° 5mm >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
204.70	206.00	1.30	242105	0.237	0.14	9030	6.6	14.75
206.00	207.00	1.00	242106	0.867	0.46	20100	29.0	93.50
207.00	208.00	1.00	242107	0.896	0.57	46300	1.5	167.00
208.00	209.00	1.00	242108	1.320	0.74	47700	2.0	5.24
209.00	210.00	1.00	242109	0.233	0.39	30400	3.1	28.40
210.00	211.00	1.00	242110	0.025	0.07	2770	3.8	2.77
211.00	212.00	1.00	242111	0.164	0.13	8640	4.4	3.56
212.00	213.00	1.00	242112	0.488	0.25	7720	5.5	4.45
213.00	214.00	1.00	242113	0.810	0.84	27000	10.4	8.77
214.00	215.00	1.00	242114	0.075	0.09	3270	4.2	3.77
215.00	216.00	1.00	242115	0.160	0.26	24900	2.0	4.33
216.00	217.00	1.00	242116	1.640	1.10	39100	11.3	3.11
217.00	218.00	1.00	242117	0.275	0.33	14500	3.7	2.89
218.00	219.00	1.00	242118	1.670	0.39	23600	3.4	44.70

Project: Werneckes **Hole Number:** HV07-27

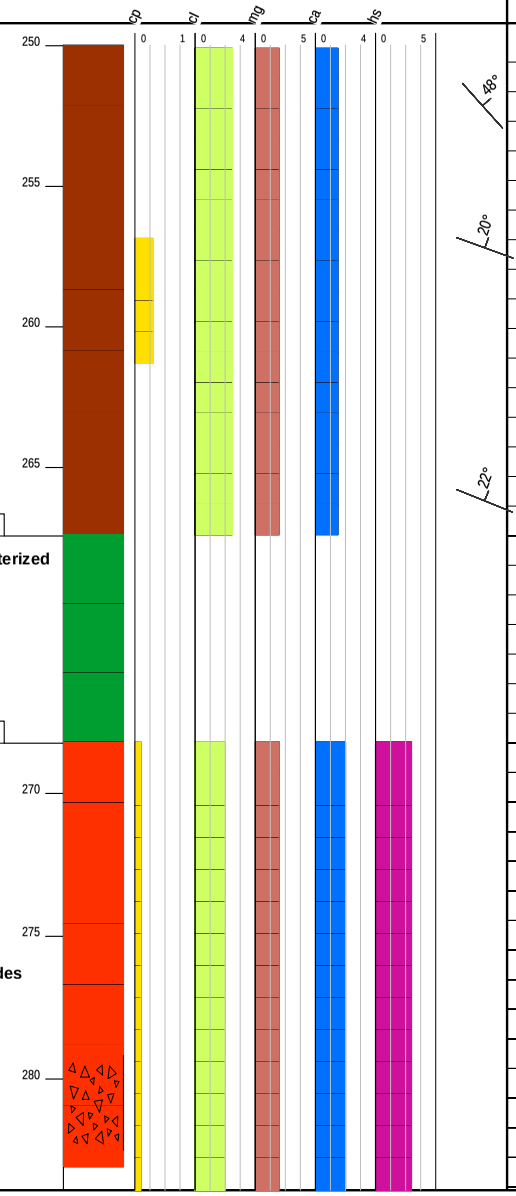
From	To	Rocktype & Description
		< @ 217.30 CP-PY, irreg upper contact vein 60.0º 4cm >
		In genral, the mineralization is controlled by brittle fractures and stockwork zones that are palanr to irregular but definitely cut bedding at high angles
219.00	231.60	slts
		SILTSTONE: similar to previous interval but with lesser chalcopyrite mineralization.
		Common tourmaline altered zones adjacent to calcite veins.
		« Chlorite 2.00*» « Calcite 1.00*» « Sericite 1.00*» « Tourmaline 5.00%»
		« Chalcopyrite 0.03%» « Pyrite 0.01%» « Specularite 1.00%» locally as very coarse blades within calcite veins
		Petrographic sample: HV07-27 226.2, tourmaline alteration adjacent to quartz-calcite vein, lighter coloured wallrock alteration? sericite?
		BEDDING:
		< @ 231.00 Bedding 38° >
231.60	267.40	slts
		SILTSTONE: similar protolith to previous interval but with nil mineralization and different alteration. Competent, green-grey siltstone. Centimeter-scale bedding. Cut by abundant (~5%) irregular calcite-cholirite-magnetite veins.
		« Chlorite 2.50*» « Calcite 1.50*» « mg 2.00%» « Tourmaline 0.50%»
		« 256.85- 261.30 Chalcopyrite 0.30%» minor bleb chalcopyrite associated with calcite veining
		BEDDING:
		< @ 240.20 Bedding 12° >
		< @ 252.00 Bedding 48° >
		< @ 257.00 Bedding 20° >
		< @ 266.00 Bedding 22° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
219.00	220.50	1.50	242119	0.056	0.13	4340	2.2	136.00
220.50	222.00	1.50	242120	0.145	0.05	2950	2.0	50.50
222.00	223.50	1.50	242121	0.035	0.02	1200	2.4	18.05
223.50	225.00	1.50	242122	-0.005	-0.01	291	2.6	4.11
225.00	226.50	1.50	242123	0.072	0.04	1430	1.7	0.72
226.50	228.00	1.50	242124	-0.005	-0.01	156	2.3	0.33
228.00	229.50	1.50	242125	-0.005	0.01	71	2.4	2.05
229.50	231.00	1.50	242126	-0.005	-0.01	65	3.0	0.21
231.00	231.60	0.60	242128	-0.005	0.02	31	3.0	0.16
231.60	234.00	2.40	242129	-0.005	-0.01	28	3.6	0.29
234.00	237.00	3.00	242130	-0.005	-0.01	23	2.8	0.17
237.00	240.00	3.00	242131	0.012	0.01	177	3.5	0.29
240.00	242.80	2.80	242132	-0.005	0.01	142	3.9	0.25
242.80	245.80	3.00	242133	-0.005	0.01	95	2.4	0.28
245.80	248.90	3.10	242134	-0.005	0.03	33	2.7	0.37
248.90	251.30	2.40	242135	-0.005	0.03	8	2.8	0.23
251.30	254.60	3.30	242136	-0.005	0.01	10	2.7	0.20
254.60	256.85	2.25	242137	0.016	0.01	112	2.5	0.21
256.85	258.00	1.15	242138	-0.005	0.01	158	2.0	0.29
258.00	259.50	1.50	242139	0.011	0.01	559	3.1	1.61
259.50	261.00	1.50	242140	0.019	-0.01	441	3.3	6.90
261.00	264.00	3.00	242141	0.026	0.01	315	2.6	1.12
264.00	267.00	3.00	242142	-0.005	0.01	275	2.1	0.42
267.00	267.40	0.40	242143	0.032	0.01	551	2.7	1.12

Project: Werneckes **Hole Number:** HV07-27

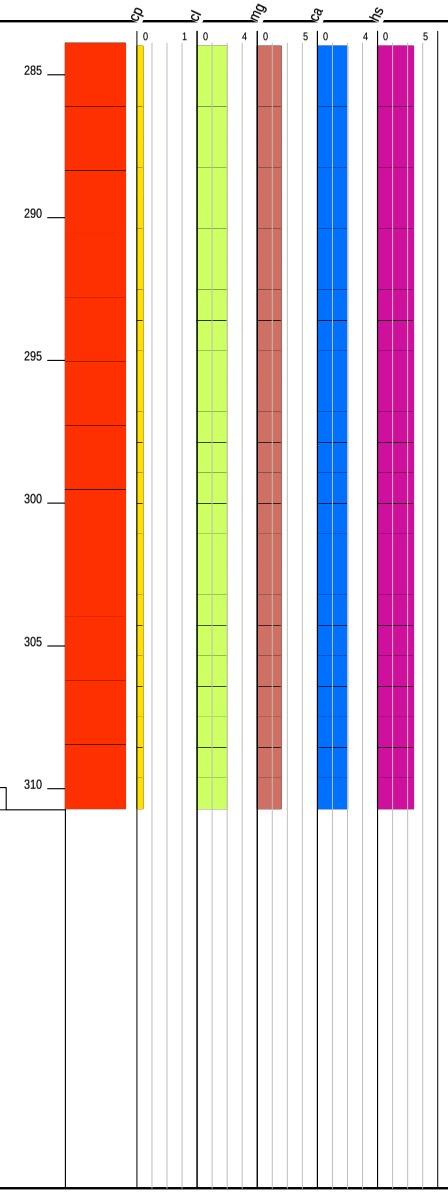
From	To	Rocktype & Description
267.40	268.20	fltg
		FAULT GAUGE/SHEAR ZONE: contact between siltstone and breccia is characterized by strongly foliated breccia. Top part of interval comprises a white calcite vein. Deformation intensisty increases towards the breccia.
		< @ 268.10 shear fabric. same orientation as lower contact. 45.00° >
268.20	310.70	bht
		HETEROLITHIC WERNECKE BRECCIA: coherent, grey with cm-scale groundmass-supported sedimentary fragments.Cut by minor irregular calcite veins.
		« Calcite 2.00*» pervasive; « Chlorite 2.00*» irregular amalgamations and discontinuous layers , chlorite is bright green
		« Specularite 3.00%» as cement constituent forming discontinuous layers and disseminated grains; « mg 2.00%» as subhedral disseminated grains; both oxides occur in close association with each other; « Chalcopyrite 0.10%» « Pyrite 0.20%» both sulfides occur as rare disseminated grains. Chalcopyrite content is quite consistent throughout interval.
		Rare gypsum veins occur throughout.
		Crackle Breccia: « bhmc » 279.2 to 282.5, grades into breccia. Alteration and



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
267.40	268.20	0.80	242144	0.360	0.18	7420	2.2	2.61
268.20	270.00	1.80	242145	0.068	0.06	1085	3.3	2.89
270.00	272.00	2.00	242146	-0.005	0.03	392	2.4	11.00
272.00	274.00	2.00	242147	0.061	0.04	422	2.9	2.62
274.00	276.00	2.00	242148	0.009	0.05	483	4.9	2.39
276.00	278.00	2.00	242149	0.005	0.03	985	4.3	1.33
278.00	279.20	1.20	242150	0.010	0.07	2130	2.7	2.07
279.20	280.80	1.60	242151	0.008	0.36	1805	1.4	0.61
280.80	282.50	1.70	242152	-0.005	0.20	456	2.0	0.81
282.50	285.00	2.50	242153	-0.005	0.04	469	4.3	3.56
285.00	287.00	2.00	242154	-0.005	0.07	1415	4.2	0.79
287.00	289.00	2.00	242155	-0.005	0.03	322	4.7	1.22
289.00	291.00	2.00	242156	-0.005	0.02	219	5.3	1.04
291.00	293.00	2.00	242157	-0.005	0.03	141	5.4	0.77
293.00	295.00	2.00	242158	-0.005	0.08	88	5.9	0.94
295.00	297.00	2.00	242159	-0.005	0.03	133	6.2	0.92
297.00	299.00	2.00	242161	-0.005	0.07	89	4.9	1.34

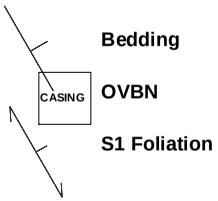
Project: Werneckes **Hole Number:** HV07-27

From	To	Rocktype & Description
		mineralization similar to surrounding breccia
		Petrographic Sample collected HV07-27 308.3
		310.7 = EOH
310.70	310.70	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
299.00	301.00	2.00	242162	-0.005	0.05	498	4.8	1.07
301.00	303.00	2.00	242163	-0.005	0.05	676	4.7	0.98
303.00	305.00	2.00	242164	0.007	0.05	901	4.9	0.69
305.00	307.00	2.00	242165	-0.005	0.05	693	4.1	0.55
307.00	309.00	2.00	242166	-0.005	0.07	860	3.4	0.70
309.00	310.70	1.70	242167	-0.005	0.04	638	3.4	0.45

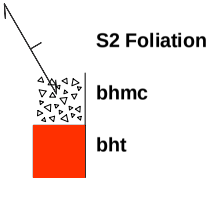
Drill Log Legend



Bedding

OVBN

S1 Foliation



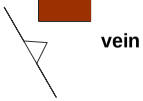
S2 Foliation

bhmc

bht

fltg

slts



vein

DRILL LOG

Project: Wernecke	**Collar Elevation (m):** 1325.0
Hole PG07-01	**Azimuth (º):** 120
Location: 7194720 m North, 537818 m East	**Dip (º):** -50.0
Logged by: T. Branson	**Length (m):** 152.40
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/27 **Date Completed:** 2007/10/02	
Dip Tests By: Flexit	
Objective To test the Pagisteel Fault valley near the mineralized felsenmeer.	

Summary Log:

0-18.29m CASING

18.29-55.3m BRECCIA (bht,m): dark purple grey with red HE altered beds. wCL, wHE, wKF. Trace PY, CP. Faulting in lower part of unit.

55.3-82.6m METASOMATISED SEDS with GRAPHITIC ARGILLITE (mts/fltg): black, heavily sheared argillite found throughout interval. Sediments grey. sSI, sAB, sCB, wCL. Trace CP, PY. @71.5-73m massive sulphide unit with 35% HS, 15-50% PY.

82.6-117.3m BRECCIA/SILTSTONE (bht,m): dark purple grey to green. wCL, mKF, sMS, wSI. Trace PY, CP. Fault gauge throughout interval.

117.3-126.5m COPPER MINERALIZED ZONE: green and white. sCL, mSI. 5% PY, CP and higher locally.

126.5-152.4m SHALE/BRECCIA (shl, bht,m): black and locally grey. Topped by fault gauge. wCL, m-sSI. Trace PY, CP, MO, HS.

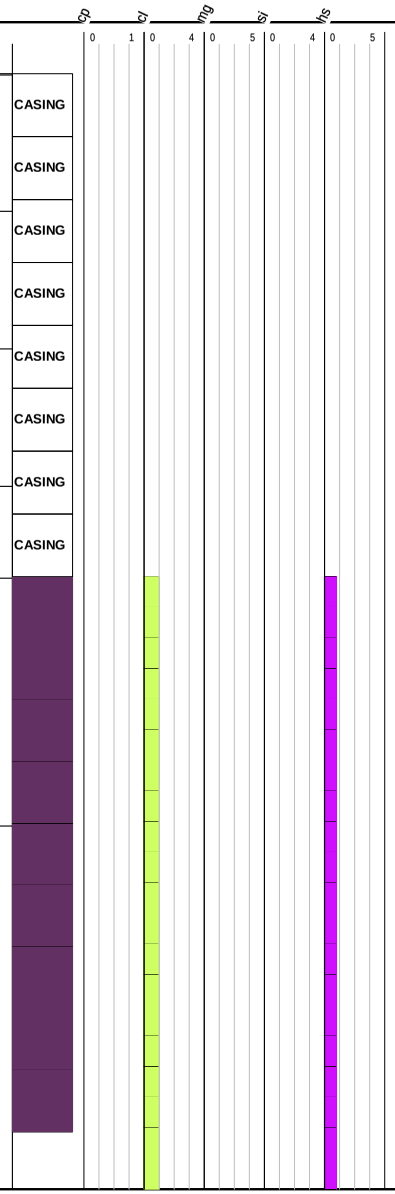
152.4m EOH

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	120.00
25.00	-43.10	117.30
85.00	-42.50	116.50
145.00	-42.10	115.90

Project: Werneckes **Hole Number:** PG07-01

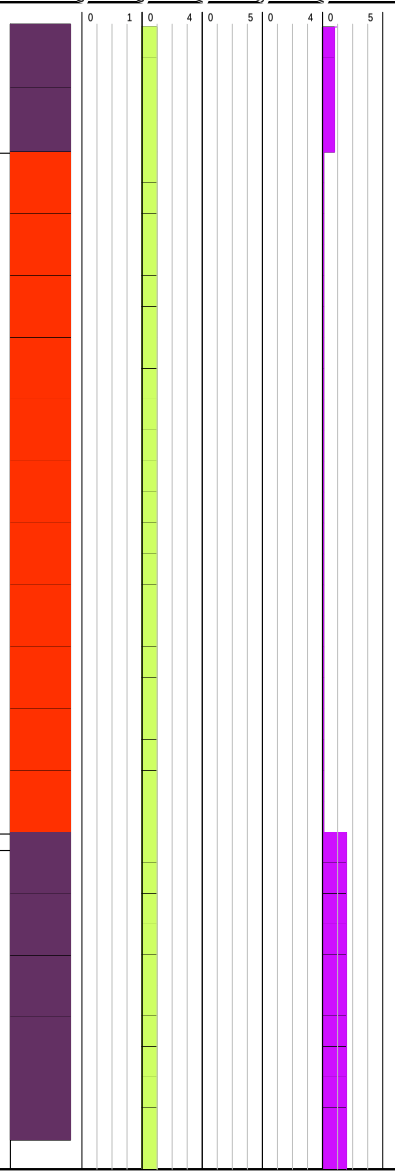
From	To	Rocktype & Description
0.00	18.29	OVBN CASING. Core recovered appears to be overburden.
18.29	23.37	bhm MONOLITHIC BRECCIA. Dark purplish grey with bands of dark red. Weak chlorite alteration, mainly related to quartz-carbonate veins and veinlets. Hematite also related to veining, forming as selvage. The host rock has been weakly brecciated by the veining and is only composed of fine-grained sediment(siltstone?) Reddish bands are likely hematite altered beds. Tiny, 1mm, possible metamorphic porphyroblasts hosted in relict bedding. Mineralization: « 18.29- 23.37 Specularite 1.00%» forms as selvage along veining Alteration: « Chlorite 1.00*», related to veining « earthy Specularite 1.00*» Structure: < @ 20.42 mirco fault 35° 1cm > Veining: « quartz-carbonate veinlets 5% 2-10mm», weakly brecciated host rock



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
18.29	19.81	1.52	244227	-0.005	0.25	14	6.2	0.99
19.81	21.25	1.44	244228	-0.005	-0.01	8	6.1	1.29
21.25	23.37	2.12	244229	-0.005	0.01	4	4.6	0.74

Project: Werneckes **Hole Number:** PG07-01

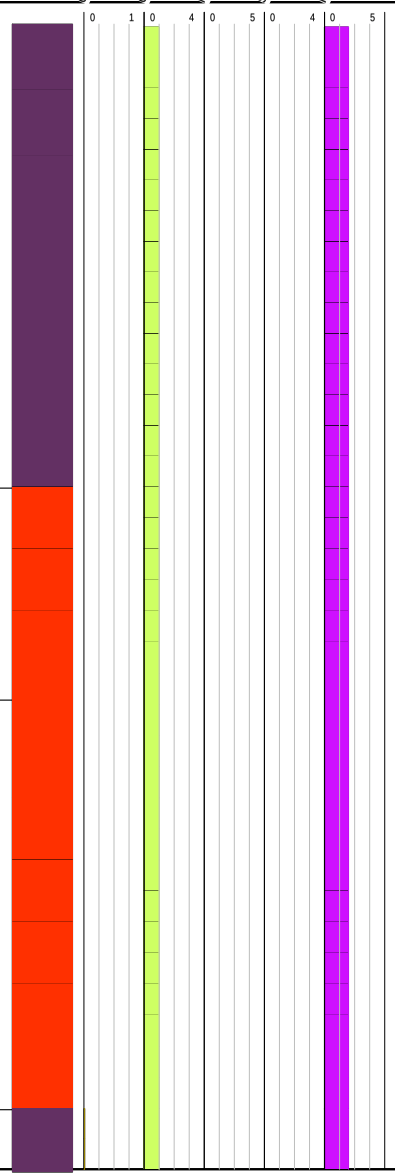
From	To	Rocktype & Description
		< @ 23.25 quartz vein 40° 10cm >
		Lower contact has poor recovery up to a quartz vein that terminates the monolithic breccia < @ 23.37 Contact 40° >
23.37	24.90	bht
		HETEROLITHIC BRECCIA. Dark purplish grey. Weakly chloritized along fracture surfaces and within quartz stringers. Clasts composed of coarse-grained to pebble sized quartz, hematized and potassic clasts, as well as host rock clasts, mainly angular. Hematite forms along edge of quartz clasts and blowouts.
		Mineralization: « Specularite 0.10%» formas as small bladed crystals along edges of quartz clasts and blowouts
		Alteration: « Chlorite 1.00*» « K-feldspar 1.00*»
		Structure: No significant structures
		Veining: « quartz stringers 1% 1mm» irregular orientations < @ 23.50 quartz vein 40° 1cm >
		Lower contact has poor recovery and reverts back to the monolithic breccia seen above this section.
24.90	29.40	bhm
		MONOLITHIC BRECCIA. Dark purplish grey. Host rock, with varying colour from dark grey to purplish has been weakly brecciated by quartz-carbonate +/- chlorite +/- hematite veins and veinlets, also hosting trace pyrite near the bottom contact.
		Mineralization: « Specularite 2.00%» mainly associated with quartz carbonate veins and rarely disseminated. « Pyrite 0.01%», trace most of the section, but near the bottom contact is hosted in quartz veining and stringers.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
23.37	24.90	1.53	244230	-0.005	-0.01	4	4.2	1.14
24.90	26.90	2.00	244231	-0.005	-0.01	3	4.8	0.78
26.90	29.40	2.50	244232	-0.005	-0.01	11	6.0	0.81

Project: Werneckes **Hole Number:** PG07-01

From	To	Rocktype & Description
		Alteration: « Chlorite 1.00*» related mainly to veining. Also forms along fracture surfaces. Structure: No significant structures Veining: « quartz+/-carbonate veining 5% 1-3mm». Forms mainly as irregularly oriented veinlets and stringers, but also forms small blowouts. Hosts chlorite, hematite, and trace pyrite. Veining composes the matrix hosting the brecciated host rock. Lower contact abruptly grades into the heterolithic breccia with fine-grained clasts < @ 29.40 contact 90° >.
29.40	31.15	bht
		HETEROLITHIC BRECCIA. Dark grey. Weakly chloritized. Clasts composed of mainly angular coarse-grained, some >pebble sized, quartz, calcite, hematized and potassic clasts, as well as host rock clasts. Matrix composed of fine to medium grained components of the clasts. Mineralization: « Specularite 2.00%» < @ 30.67 Pyrite 5.00% 3.00mm >, pyrite forms as irregular fracture infill Alteration: « Chlorite 1.00*» Structure: No significant structures Veining: « quartz stringers 1% 1mm» irregular orientations Lower contact grades back into monolithic breccia and is not clearly defined.
31.15	36.40	bhm
		MONOLITHIC BRECCIA. Dark grey with bands of dark purplish grey. Weak chlorite alteration, mainly

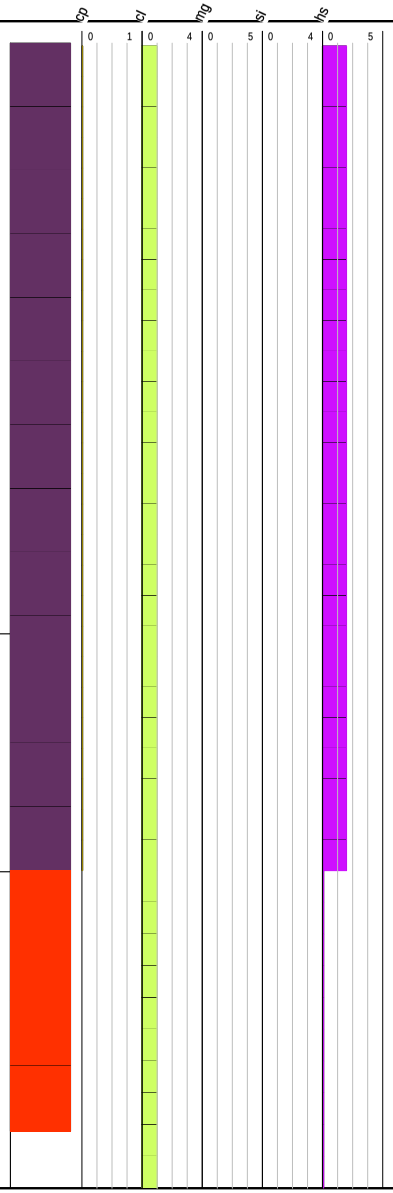


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
29.40	31.15	1.75	244234	-0.005	0.04	79	8.2	1.01
31.15	32.00	0.85	244235	-0.005	-0.01	6	4.0	0.65
32.00	35.05	3.05	244236	0.028	-0.01	10	3.9	0.60
35.05	36.40	1.35	244237	0.011	-0.01	43	4.7	0.89

Project: Werneckes

Hole Number: PG07-01

From	To	Rocktype & Description



related to quartz-carbonate veins and veinlets. Hematite also related to veining, forming as selvage. The host rock has been weakly brecciated by the veining and is only composed of fine-grained sediment (siltstone?) Reddish bands are likely hematite altered beds.
Tiny, 1mm, possible metamorphic porphyroblasts hosted in relict bedding, more abundant than in previous section where they were present.

Mineralization:
« Specularite 0.10%» mainly related to veining, but also weakly disseminated
« Chalcopyrite 0.01%», trace amount

Alteration:
« Specularite 2*», forms bands replacing relict bedding
« Chlorite 1.00*»

Structure:
< @ 33.00 bedding 32° >
< @ 35.40 bedding 25° >

Veining: 35
« quartz+/-carbonate veinlets 1% 2-5mm» randomly oriented, hosting hematite and chlorite.

Other:
< @ 33.60 Heterolithic brecciation 90° 10cm >

Lower contact is semi sharp but irregular, proabaly caused by brecciation.

36.40 38.22 bht

HETEROLITHIC BRECCIA.
Dark grey. Weakly chloritized. Clasts composed of mainly angular coarse-grained, some >pebble sized, quartz, calcite, hematized and potassic clasts, as well as host rock clasts. Matrix composed of fine to medium grained components of the clasts.

Mineralization:
« Specularite 0.10%» forms as selvage on veining and disseminated in groundmass

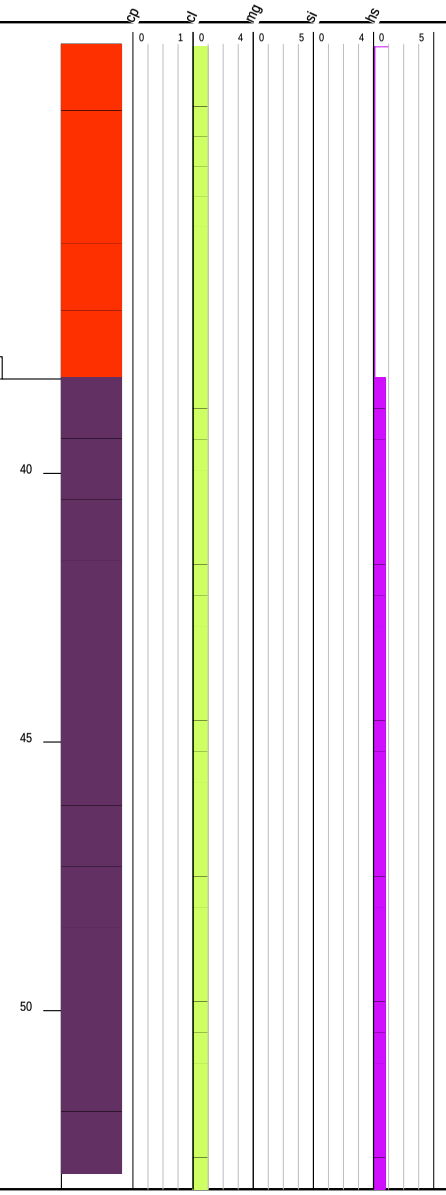
32°

25°

From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
36.40	38.22	1.82	244238	-0.005	0.03	34	5.5	0.55

Project: Werneckes **Hole Number:** PG07-01

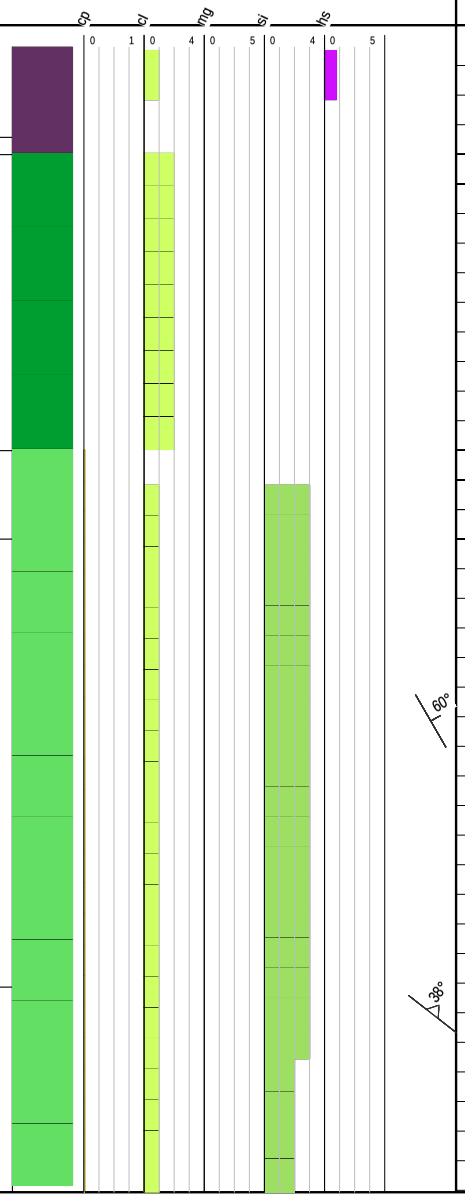
From	To	Rocktype & Description
		Alteration: « Chlorite 1.00*» , picks up in intensity at contact to moderate, but only over a small interval < @ 38.20 Chlorite 2* >
		Structure: No significant structures
		Veining:« quartz carbonate stringers 1% 1mm»
		Lower contact is difficult to distinguish but an increase in chlorite alteration and a loss of clasts were the deciding factors.
38.22	55.30	bhm
		MONOLITHIC BRECCIA. Grey to pinkish grey. Weak chloritic, hematitic and potassic alteration throughout. Varying degrees of calcite veining from 1-5% forming veinlets and stringers. Trace specular hematite. Unit is cut by several faults and terminates in a large fault gouge zone, possibly the Pagisteel fault. Unit's appearance is similar to monolithic breccias above in the hole.
		Mineralization: « Specularite 0.10%» , weakly disseminated, and commonly associated with calcite.
		Alteration: « Chlorite 1.00*» « K-feldspar 1.00*» « Specularite 1.00*», « 53.35- 55.30 Clay 3.00*»
		Structure: < @ 43.90 Fault > < @ 45.60 Fault > < @ 54.65 Fault 70° >, graphitic and black, probably a small offshoot of the vein at bottom contact
		Veining: « calcite stringers 1.00-5.00% 1.00-2.00mm», irregularly oriented
		Other: < @ 49.25 brecciation texture 20cm > changes to a network of grey carbonate fragmenting the host rock.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
38.22	39.60	1.38	244239	-0.005	0.01	4	4.9	0.59
39.60	41.15	1.55	244240	0.005	0.01	3	4.5	0.66
41.15	44.20	3.05	244241	0.009	-0.01	11	5.2	0.84
44.20	47.24	3.04	244242	-0.005	0.02	22	4.7	0.68
47.24	50.30	3.06	244244	0.006	0.04	12	6.9	0.87
50.30	53.35	3.05	244245	-0.005	0.06	12	7.0	0.82
53.35	55.30	1.95	244246	-0.005	0.52	26	7.4	1.30

Project: Werneckes **Hole Number:** PG07-01

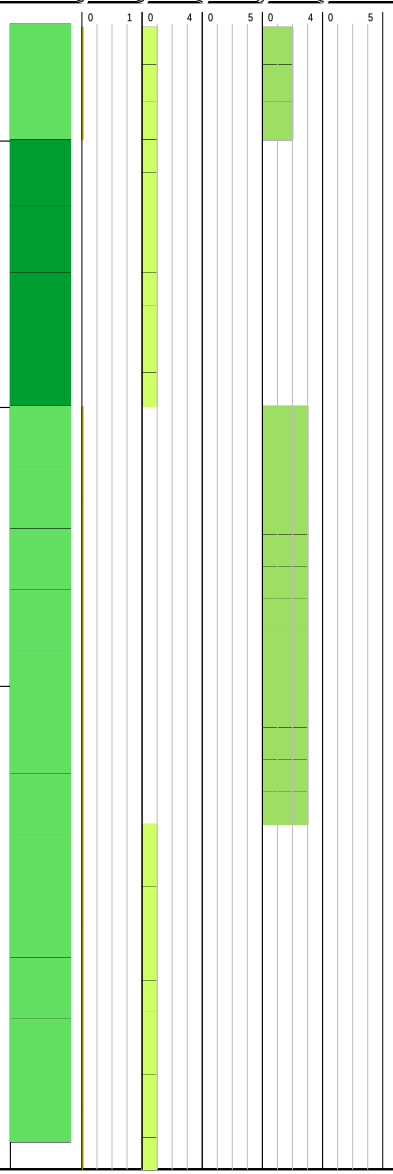
From	To	Rocktype & Description
		Lower contact is gradual over 2 meters with increase in clay, rubbly texture, and loss of competence.
55.30	59.00	fltg
		GRAPHITIC ARGILLITE. Black. Intensely graphitic, with moderate chlorite, heavily sheared, with evidence of several slickensides. Very soft. « 55.30- 59.00 Graphite 4.00*» « Chlorite 2.00*» Lower contact is non conformable and doesn't have a clear orientation
59.00	68.58	mts
		METASOMATIZED SEDIMENTARY ROCKS. Light grey to grey. Alteration varies from zones of strong silicification and albitization, to zones of strong carbonate alteration. Weak chlorite throughout, trace pyrite and chalcopyrite. In some sections relict bedding is visible and appears to either be silstone or mudstone protolith. Mineralization: « Pyrite 0.05%» , very weakly disseminated throughout. « Chalcopyrite 0.01%» , trace amount near bottom of section Alteration: « 59.00- 59.40 Calcite 3.00*» « 59.40- 65.80 Silicification 3.00*» , « Albite 3.00*» « 59.40- 68.58 Chlorite 1.00*» « 65.80- 68.58 Calcite 3*» , « Silicification 2.00*» Structure: < @ 62.00 bedding 60° > < @ 62.48 possible fault zone >, core is broken and rubbly, with a washed out appearance and continues periodically to 65.53 < @ 65.53 wash out > Veining: « calcite veinlets 1.00% 1.00-2.00mm», irregularly oriented through silicified and albitized sediments.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
55.30	56.39	1.09	244247	0.008	0.19	545	5.5	7.52
56.39	59.00	2.61	244248	0.005	0.22	322	5.2	5.09
59.00	61.00	2.00	244249	0.030	0.12	67	3.0	5.32
61.00	62.48	1.48	244250	-0.005	-0.01	364	4.5	2.53
62.48	65.53	3.05	244251	0.007	0.05	264	5.1	3.40
65.53	68.58	3.05	244252	0.104	0.40	1605	3.9	4.20

Project: Werneckes **Hole Number:** PG07-01

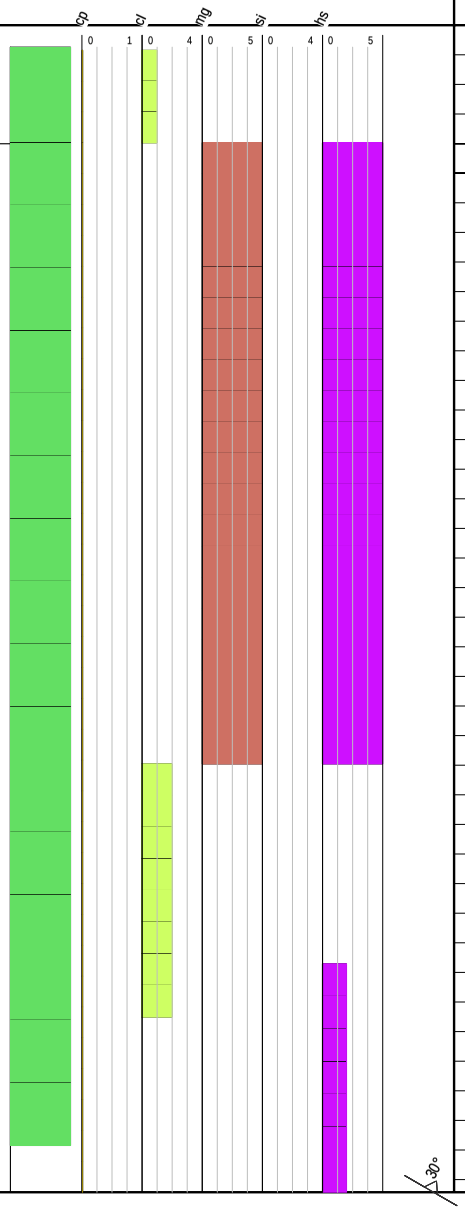
From	To	Rocktype & Description
		< @ 65.25 calcite vein 38° 15mm >
		Lower contact is with graphitic fault gouge
68.58	69.25	fltg
		GRAPHITIC ARGILLITE. Black. Strongly graphitic, with moderate chlorite, heavily sheared, with evidence of several slickensides. Very soft.
		« Graphite 3.00*», « Chlorite 1.00*»
		Lower contact is not sharp but is defined by an increase in competence, though it quickly grades from low competence to highly competent rock.
69.25	71.55	mts
		METASOMATIZED SEDIMENTARY ROCK. Dark grey to pale grey/white. Strongly silicified and weakly albitized to strongly calcareous and weakly chloritic with quartz+/-pyrite veining. Trace chalcopyrite. Likely shale protolith, but no evidence of relict bedding.
		Mineralization:
		« 69.25- 70.37 Pyrite 0.01%»
		« 70.37- 71.55 Pyrite 3.00-5.00%»
		« 69.25- 71.55 Chalcopyrite 0.01%»
		Alteration:
		« 69.25- 70.37 Silicification 3.00*», « Albite 1.00*»
		« 70.37- 71.55 Calcite 3.00*», « Chlorite 1.00*»
		Structure:
		No significant structures
		Veining:
		« 69.25- 70.15 quartz veins 8% 5-10mm», irregularly oriented, hosts trace pyrite and chalcopyrite
		< @ 70.25 quartz vein 12cm >, hosts trace chalco
		« quartz+/-pyrite veining 3.00% 2.00-5.00mm» in calcite altered section, with 10-20% pyrite within the veins.
		Lower contact is defined by the appearance of magnetite, hematite and an



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
68.58	69.25	0.67	244253	0.013	0.15	181	8.7	4.89
69.25	71.55	2.30	244254	0.038	0.48	69	4.4	4.63

Project: Werneckes **Hole Number:** PG07-01

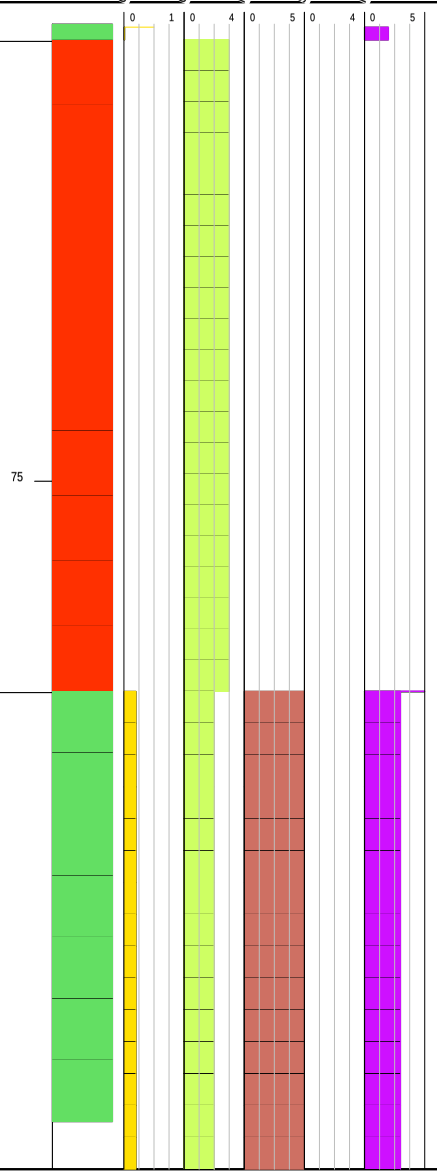
From	To	Rocktype & Description
		increase in pyrite mineralization.
71.55	73.95	mts
		METASOMATIZED SED. ROCK / MASSIVE SULPHIDE.
		Mottled mixture of dark red, green, white and bronze. Host rock has been completely replaced by hematite, magnetite, calcite and pyrite, for the first 1.4m, then chlorite alteration begins, while magnetite and hematite disappear and pyrite mineralization decreases. A short section has no hematite, with moderate chlorite and disseminated pyrite, followed by earthy hematite alteration coupled with potassic alteration dominating the final 0.5m of the section. Pyrite mineraslization is also present here and appears to be replacing possible porphyroblasts. Thin section sample was taken at 73.65m.
		< @ 73.65 Thin section sample >
		Mineralization:
		« 71.55- 72.95 Specularite 35.00%» , forms as short bladed crystals that grade into earthy hematite blotches. Closely related to magnetite
		« mg 20.00%»
		« Pyrite 15.00%», forms in irregualr bands in between hematite.
		« 72.33- 72.95 massive Pyrite 50%» dominates this section
		« Pyrite 5.00-10.00%» for part of section. Forms as disseminations and as pyritohedrons, appearing to replace possible porphyroblasts.
		« Chalcopyrite 0.01%», a few small flecks present
		Alteration:
		« 71.55- 73.95 Calcite 2.00*»
		« 72.95- 73.52 Chlorite 2.00*»
		« 73.40- 73.95 earthy Specularite 2*» « K-feldspar 3*»
		Structure:
		No significant structures
		Veining:
		« quartz +/- calcite veinlets 1.00% 1.00-3.00mm» and stringers
		< @ 73.90 calcite veinlet 30° 2mm >
		Lower contact is sharp with chloritized and brecciated rock
		< @ 73.95 contact 31° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
71.55	72.95	1.40	244255	0.309	3.33	193	1.7	4.41
72.95	73.95	1.00	244256	0.076	0.81	159	3.1	47.60

Project: Werneckes **Hole Number:** PG07-01

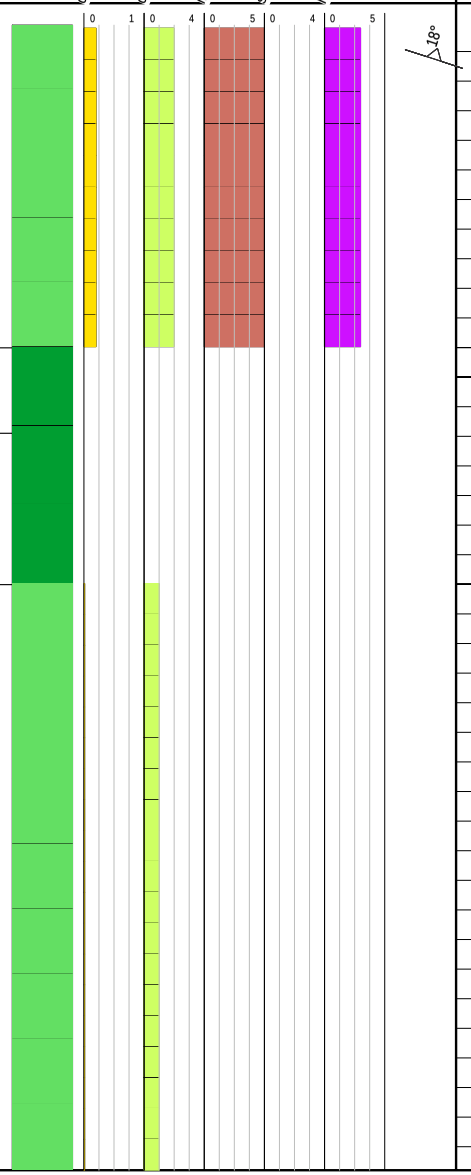
From	To	Rocktype & Description
73.95	75.50	bht
		CHLORITIZED HETEROLITHIC BRECCIA. Green. Strongly chloritized matrix hosting quartz, calcite and hematite altered blebs. Trace pyrite disseminated throughout. < @ 74.38 1 foot washout 30cm > Mineralization: « Pyrite 0.02%» Alteration: « Chlorite 3.00*» Structure: No significant structure Veining: Minor quartz-carbonate veinlets Lower contact is broken and does not have a well defined contact. The contact was defined by earthy hematite alteration and pyrite mineralization increasing.
75.50	78.50	mts
		METASOMATIZED SEDIMENTARY ROCK. Similar to 71.55m to 73.95m, although with less metallic replacement. Mottled mixture of dark red, green, white and bronze. Host rock has been replaced by hematite, magnetite, calcite, pyrite and chalcopyrite and altered by moderate chlorite, calcite, and strong earthy hematite Mineralization: « Pyrite 5.00%» is disseminated throughout « Chalcopyrite 0.20%», forms as small blebs 1-5mm and is associated with carbonate veinlets « mg 5.00%» always related to « Specularite 5.00%», but has no relationship with the earthy hematite alteration Alteration: « Chlorite 2.00*», « Calcite 2.00*», « earthy Specularite 3.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
73.95	76.50	2.55	244257	0.016	0.13	59	7.8	38.00
76.50	78.00	1.50	244258	0.030	0.11	152	2.7	12.55
78.00	78.50	0.50	244259	0.020	0.40	1415	10.4	27.10

Project: Werneckes **Hole Number:** PG07-01

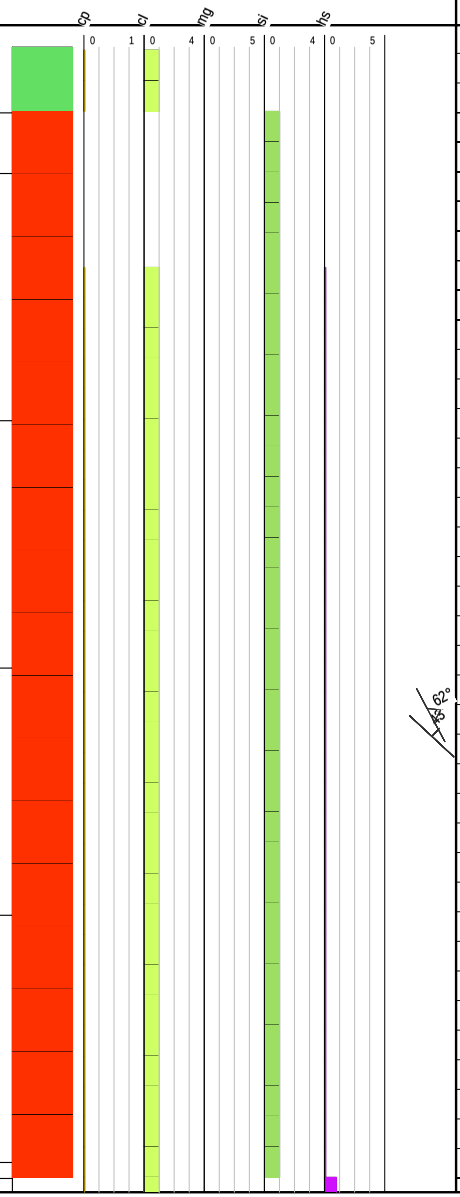
From	To	Rocktype & Description
		Structure:
		< @ 75.65 chloritic fltg 5cm >
		Veining:
		< @ 77.40 calcite+/-quartz vein 18° 15mm >, hosts trace pyrite and chalcopyrite. A stockwork of veinlets surrounds the vein
		Lower contact has been washed out < @ 78.50 6 foot wash out 6ft >
78.50	82.60	fltg
		FAULT GOUGE. Graphitic Argillite.
		Black. No competence. Clay sands.
		« 78.50- 82.60 Graphite 4.00*», « Clay 4.00*»
		Lower contact grades into rounded rubble of metasomatized sediments.
82.60	83.75	mts
		METASOMATIZED SEDIMENTS.
		Dark purplish grey. Moderately potassic and weakly chloritic. Minor quartz carbonate veinlets cut through rock. Potassic alteration creates stockwork approaching the contact with the heterolithic breccia. The first 50cm of this section is composed of well to sub rounded pebbles.
		Mineralization:
		« Chalcopyrite 0.01%», found along fracture surfaces related to potassic alteration.
		Alteration:
		« K-feldspar 2.00*», « Chlorite 1.00*»
		Structure:
		No significant structures
		Veining:
		« calcite+/-quartz veinlets 1% 1-3mm»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
78.50	81.60	3.10	244260	0.022	15.15	458	6.1	16.65
81.60	82.60	1.00	244261	0.016	6.58	312	5.1	9.74
82.60	83.75	1.15	244262	-0.005	0.10	327	14.3	1.98

Project: Werneckes **Hole Number:** PG07-01

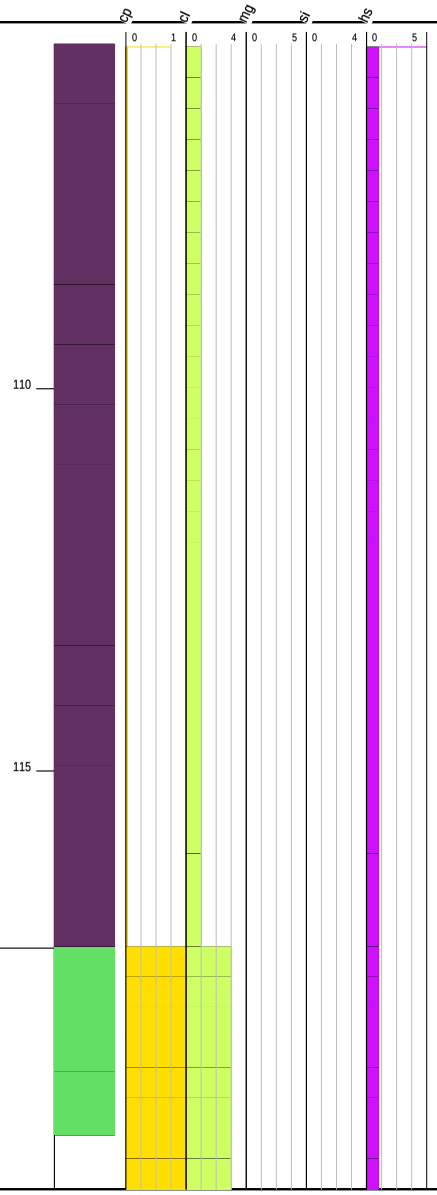
From	To	Rocktype & Description
		Lower contact appears to be related to a quartz+/-calcite vein that is in contact with the breccia, although the recovered core is highly broken.
83.75	105.30	bht
		HETEROLITHIC BRECCIA. Pale greyish green. Strongly sericitized, weakly chloritic, siliceous and potassic. Matrix composed of fine grained calcite, sericite, quartz and chlorite, hosting rounded to angular, coarse grained to cobble sized earthy hematite, kspar, sericite and silica altered clasts. Trace pyrite, hematite and chalcopyrite.
		From 96.2 to 102.5, the sericite alteration hosts an unusual texture of short (1-2mm) elongated crystals that resemble the shape of biotite
		Mineralization: « Specularite 0.10%», « Pyrite 0.20%», weakly disseminated throughout. Trace « Chalcopyrite 0.01%»
		Alteration: « Sericite 3.00*» « K-feldspar 1.00*» « Chlorite 1.00*» « Silicification 1.00*» throughout.
		Structure: < @ 96.30 possible bedding 43.00° >, although within the breccia, it may not signify anything.
		Veining: « 83.75- 105.30 calcite+/-quartz veining 0.5% 1-5mm», forms as veinlets in irregular orientations < @ 95.90 calcite+/-quartz vein 62° 1cm >
		Other: « 83.80- 86.90 wash out 5ft» « 86.90- 89.90 wash out 5ft», Both these sections have poor recovery and are heavily broken.
		Lower contact is defined by decreasing sericite alteration and the brecciation of a dark purplish grey siltstone lacking the altersation seen in this heterolithic breccia.
105.30	117.30	bhm



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
83.75	86.90	3.15	244264	0.011	0.07	54	8.0	1.01
86.90	89.90	3.00	244265	0.006	0.07	43	4.5	1.02
89.90	93.00	3.10	244266	0.011	0.07	9	11.6	1.40
93.00	96.00	3.00	244267	0.013	0.05	14	10.0	0.85
96.00	99.00	3.00	244268	0.008	0.01	26	8.5	0.95
99.00	102.10	3.10	244269	0.009	0.03	25	8.1	0.78
102.10	103.60	1.50	244270	0.007	0.01	76	6.8	0.75
103.60	105.30	1.70	244271	0.005	-0.01	8	8.2	0.63
105.30	108.20	2.90	244272	-0.005	-0.01	79	5.9	0.81

Project: Werneckes **Hole Number:** PG07-01

From	To	Rocktype & Description
		MONOLITHIC BRECCIA/SILTSTONE.
		Dark purplish grey. Weakly chloritic, potassic and hematitic. Beginning of unit is brecciated by sericite altered matrix hosting 1% pyrite from 105.3 to 106.0, gradually grading into a calcareous matrix with grey silicified host rock, either siltstone or shale, with no pyrite over 10 cm then becomes weakly crackle brecciated by calcite stringers for the rest of the unit. Trace hematite and chalcopyrite throughout.
		From 106.0 then recovered core is highly broken with few pieces over 5cm
		Mineralization:
		« 105.30- 106.00 Pyrite 1.00%»
		« Specularite 0.01%», « Chalcopyrite 0.01%»
		Alteration:
		« Sericite 2.00*» from 105.3-106.0m
		« Chlorite 1.00*» « K-feldspar 1.00*» « earthy Specularite 1.00*»
		« Clay 4.00*» from 114.3 to 117.3, with very poor recovery. 3m corresponds to 55cm of actual core recovered.
		Structure:
		< @ 106.60 fltg 5cm >
		< @ 108.45 fltg 20cm >, no competence, and mainly clay
		« 114.30- 117.30 fltg 3m»
		Veining:
		« 106.00- 114.30 calcite veinlets 1% 1-3mm»
		Lower contact is broken and rubbly with no clear indication of the nature of the contact.
117.30	126.50	mts
		COPPER MINERALIZED ZONE.
		Poor recovery
		Green and white. Strong chlorite alteration, moderate silicification. 5% chalcopyrite, 5% pyrite, and locally up to 30% for both minerals. They forms as a network entwined with quartz stockwork for the first 3m, with trace hematite.
		The next 3m there is an increase in hematite which is disseminated, as well as

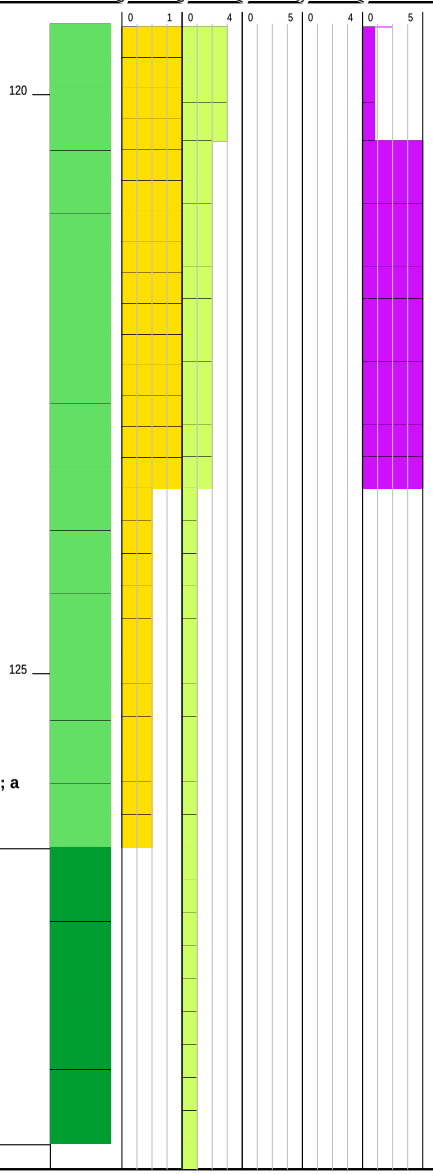


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
108.20	111.30	3.10	244274	0.010	-0.01	119	7.2	0.78
111.30	114.30	3.00	244275	0.014	0.03	92	5.5	1.39
114.30	117.30	3.00	244276	0.020	0.04	97	8.0	1.69
117.30	118.80	1.50	244277	2.430	8.49	57900	1.5	7.42
118.80	120.40	1.60	244278	0.802	2.21	18900	5.7	33.20
120.40	121.90	1.50	244279	0.243	2.40	17350	7.0	3.28
121.90	123.40	1.50	244280	0.401	3.44	9230	101.0	10.80
123.40	124.90	1.50	244281	0.009	0.20	1945	6.7	3.14
124.90	126.50	1.60	244282	0.021	0.12	626	26.8	3.68
124.90	126.10	1.20	244283					

Project: Werneckes

Hole Number: PG07-01

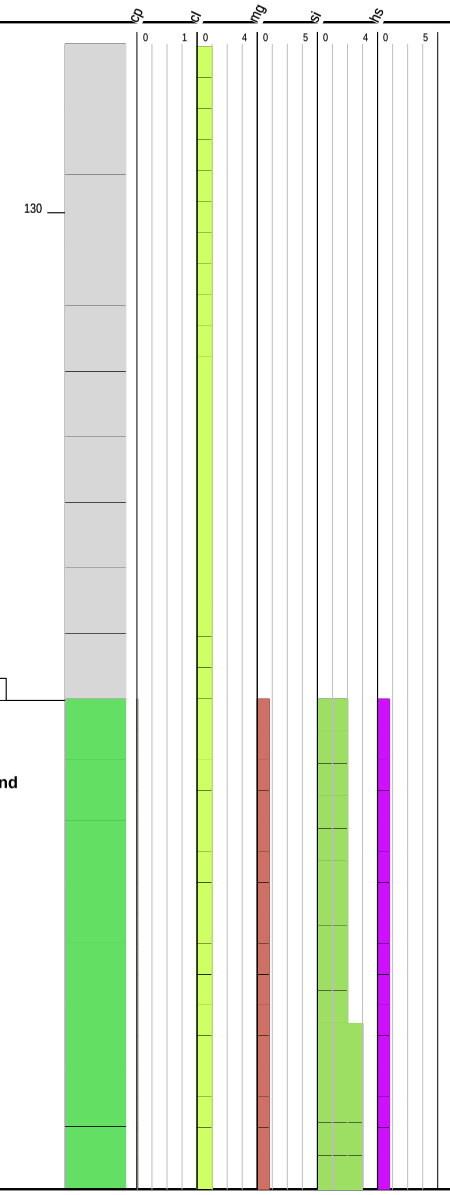
From	To	Rocktype & Description
		both the pyrite and chalcopyrite. This section is highly factured and rubbly, with 10cm clay and coarse grained sections common. Mineralization here is 5% for each mineral.
		The final 3m of the section sees a decrease in mineralization, chlorite alteration and competence of the core, as well as an increase in quartz.
		Mineralization: « 117.30- 120.40 Specularite 1.00%» « 117.30- 123.40 Chalcopyrite 5.00%», « Pyrite 5.00%», « 120.40- 123.40 Specularite 5.00%» « 123.40- 126.50 Chalcopyrite 0.20-0.50%», « Pyrite 0.20-0.50%»
		Alteration: « 117.30- 120.40 Chlorite 3.00*» « 120.40- 123.40 Chlorite 2.00*» « 123.40- 126.50 Chlorite 1.00*» , « Quartz 2*», « Clay 2.00*»
		Structure: < @ 126.00 fltg 5cm >
		Veining: « 117.30- 123.40 quartz+/-carbonate veining 2% 2-5mm», hosts pyrite along selvage
		Lower contact washed away and is defined by change in colour and competence; a block indicates the division.
126.50	129.50	fltg
		FAULT GOUGE. Graphitic Argillite. Black. No competence. Clay sands.
		« 126.50- 129.50 Graphite 4.00*», « Clay 4.00*» « Chlorite 1.00*»
		Lower contact is difficult to define, but is characterized by increase in competence, and hardness.
129.50	131.25	shl



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
126.10	129.50	3.40	244284	-0.005	0.20	183	11.3	4.07
129.50	131.25	1.75	244285	-0.005	0.09	165	5.0	2.45

Project: Werneckes **Hole Number:** PG07-01

From	To	Rocktype & Description
		SHALE. Black. Weak chlorite alteration. 1% Hosts quartz+/-calcite+/-pyrite veinlets, preferentially forming along and nearly perpendicular to bedding. Graphite coats fracture surfaces. Mineralization: « Pyrite 1.00%» hosted in veinlets « 129.50- 131.25 Graphite 0.10%» Alteration: « Chlorite 1.00*» « Clay 3*» Structure: « 129.90- 130.20 fltg 30cm» < @ 131.20 bedding 26.00° > Veining: « quartz+/-calcite+/-pyrite veinlets 5.00% 1.00-2.00mm» Lower contact is with metasomatized shale, being altered to albite, and is a rapid change over.
131.25	133.36	mts
		METASOMATIZED SED. ROCK / SHALE. Grey. Strongly albitized, moderate to strong silicification, weakly chloritic. 5% quartz+/-carbonate veins with pyrite selvage, 1% magnetite, 1% hematite, and trace chalopyrite and molybdenite. Rock is 10% errattic fractures, which are infilled with chlorite+/-pyrite. Mineralization: « Pyrite 5.00%» forming as selvage along veins, as well as fracture infill « Specularite 1.00%» « mg 1.00%» , related to one another and hosted in veining. Trace « Chalcopyrite 0.01%» Alteration: « Chlorite 1.00*», forms within quartz+/-carbonate veins, as vein selvage and along fractures. « Albite 3.00*»

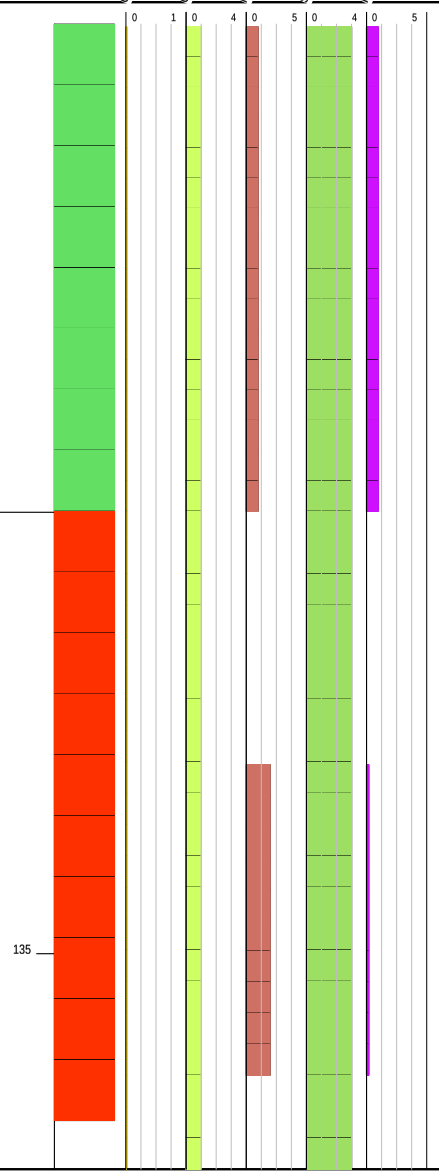


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
131.25	132.50	1.25	244286	0.008	0.50	275	7.4	20.30
132.50	132.75	0.25	244287	0.053	1.81	1480	7.6	6.28
132.75	133.35	0.60	244288	-0.005	0.34	427	10.8	9.99

Project: Werneckes

Hole Number: PG07-01

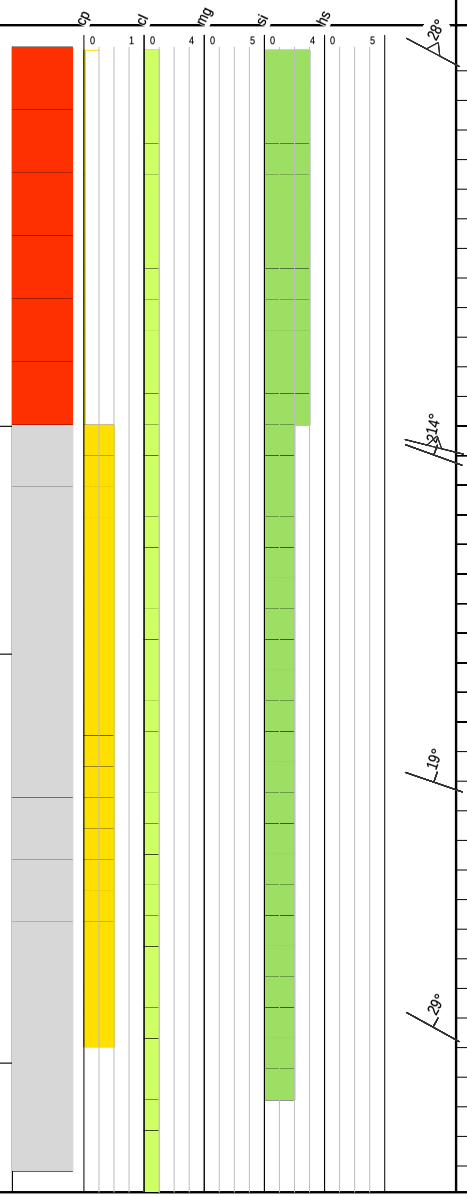
From	To	Rocktype & Description
		« 131.25- 131.95 Silicification 2.00*»,
		« 131.95- 133.36 Silicification 3.00*»
		Structure:
		< @ 131.75 bedding 15° >
		Coarse grained black fault gouge < @ 132.50 fltg 10cm >
		Veining:
		Boudinage « quartz+/-carbonate veins 5% 1-3cm»
		Lower contact is somewhat arbitrary, but is defined by appearance of distinguishable clasts, although the following unit could be just a more intensely altered section of metasomatized shale because the bottom of the unit grades back into shale.
133.36	137.20	bht
		HETEROLITHIC BRECCIA.
		Grey. Strongly silicified, moderately albitized, weakly chloritic throughout. Potassic, albitic, sericitic and siliceous clasts hosted in the breccia. Clasts are difficult to identify as the matrix and clasts blend into one another. Pyrite is disseminated and hosted in chloritic veinlets. Hematite is weakly disseminated and locally forms in small (1-3mm) blebs. Magnetite is also locally disseminated within the breccia over the same interval as the hematite. Trace chalco disseminated throughout, and is also hosted in quartz +/- carbonate veins near lower contact.
		This unit may represent an intense metasomatic event altering the host shale and is not a typical Wernecke Breccia, although the unit is highly fragmented.
		Mineralization:
		« Pyrite 1.50%» disseminated and hosted in chloritic veinlets
		« 134.30- 135.45 mg 2.00%» , disseminated
		« Specularite 0.20%»
		« 133.36- 137.20 Chalcopyrite 0.01%»
		Alteration:
		« Silicification 3.00*» , « Albite 2.00%» « Chlorite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
133.35	134.30	0.95	244289	0.005	0.31	390	6.3	2.07
134.30	135.60	1.30	244290	0.038	0.51	398	8.6	3.87
135.60	137.20	1.60	244291	0.006	0.16	172	7.3	13.60

Project: Werneckes **Hole Number:** PG07-01

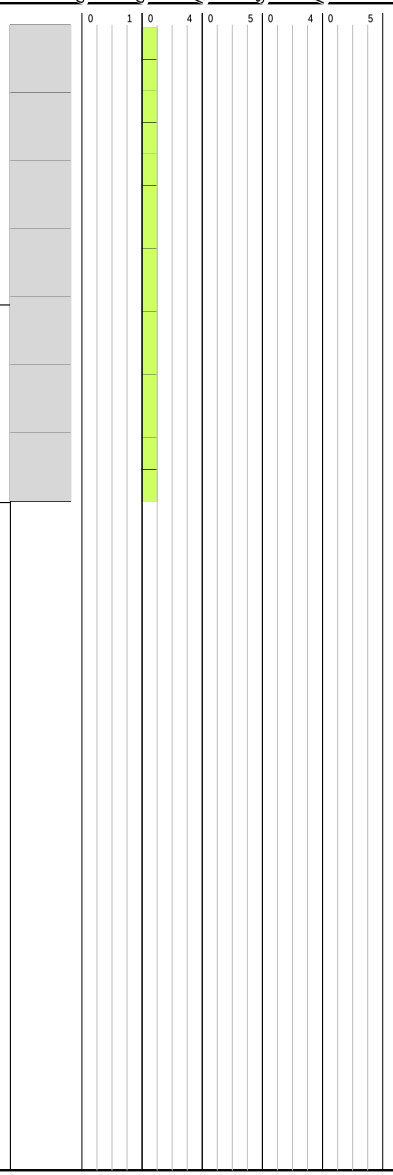
From	To	Rocktype & Description
		Structure:
		< @ 137.00 Laminations 25° >, begin to see laminations following in the same orientation as the bedding in the lower unit
		Veining:
		« carbonate veinlets 0.5% 1-2mm», irregular orientations
		< @ 135.80 carbonate+/-quartz+/-chalcopyrite vein 28° 5mm >
		Lower contact is defined by change to visible bedding and is formed by breccaition of the lower metasomatized shale by a quartz carbonate blowout, hosting chalcopyrite.
137.20	152.40	shl
		SHALE.
		Black and locally grey. Upper contact is strongly albitized, but grades out after 50 cm. Moderately silicified up to 145.45, where a 1.7 meter fault cuts through the unit and from there on, is no longer silicified. Also, after the fault, bedding becomes more horizontal compared to the upper part of the unit. Weakly chloritic throughout. From 139.0 to 144.8, 1% quartz+/-pyrite+/-chalco veinlets form mainly along bedding, as well as having some irregularly oriented veinlets Also hosted in the veinlets is a bright green mineral/alteration, which appears to be neither chlorite because it is too bright nor is it as dull as malachite. The color is aquamarine.
		After the fault gouge zone, bedding is near horizontal and graphite coats bedded surfaces as well as pyrite.
		Mineralization:
		« 137.20- 144.80 Chalcopyrite 0.50%» hosted mainly in quartz veinlets and rarely as fracture coating.
		« 137.20- 152.40 Pyrite 1.00%» hosted mainly in quartz veinlets and commonly as fracture coating.
		< @ 149.40 Chalcopyrite 10% 5cm >, rounded quartz+/-carbonate+/-chalco cobble clasts
		Alteration:
		« 137.20- 137.70 Albite 3.00*», « 139.00- 140.20 Albite 2.00*»
		« 137.20- 145.45 Silicification 2.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
137.20	139.00	1.80	244292	-0.005	0.03	251	3.5	2.65
139.00	140.20	1.20	244295	-0.005	0.06	37	5.8	4.18
140.20	142.90	2.70	244296	0.026	0.10	147	4.1	2.83
142.90	143.90	1.00	244297	0.010	0.10	386	4.4	2.54
143.90	144.55	0.65	244298	0.013	0.03	295	1.2	2.17
144.55	145.45	0.90	244299	-0.005	0.04	35	4.2	2.32
145.45	147.15	1.70	244300	0.011	0.29	78	6.8	3.02
147.15	149.10	1.95	244301	-0.005	0.28	30	5.3	2.39
149.10	149.50	0.40	244302	0.023	1.13	21000	3.6	1.38
149.50	150.90	1.40	244304	-0.005	0.18	161	4.2	3.42
150.90	152.40	1.50	244305	-0.005	0.11	56	4.2	2.44

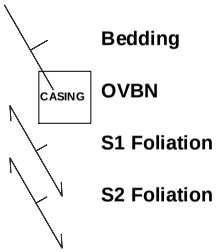
Project: Werneckes **Hole Number:** PG07-01

From	To	Rocktype & Description
		« Chlorite 1.00*» throughout
		« Clay 4.00*» , « Graphite 4.00*», fault gouge alteration
		Structure:
		< @ 137.50 bedding 20° >
		< @ 141.50 bedding 19° >
		< @ 144.50 bedding 29° >
		< @ 148.20 bedding 84° >
		< @ 151.10 bedding 88° >
		« 145.45- 147.15 fltg », graphitic argillite
		Veining:
		< @ 137.40 calcite+/-chalco vein 14° 3mm >
		« 139.00- 144.80 quartz+/-pyrite+/-chalco veinlets 15-25° 1-3mm»
		E.O.H
152.40	152.40	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bhm

bht

fltg

mts

shl

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1555.0
Hole STM07-01	**Azimuth (º):** 70.0
Location: 7206106 m North, 527898 m East	**Dip (º):** -90.0
Logged by: H. Jaggard	**Length (m):** 202.50
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/24 **Date Completed:** 2007/08/27	
Dip Tests By:	
Objective Test below the MDV Zone below the main outcrop.	

Summary Log:

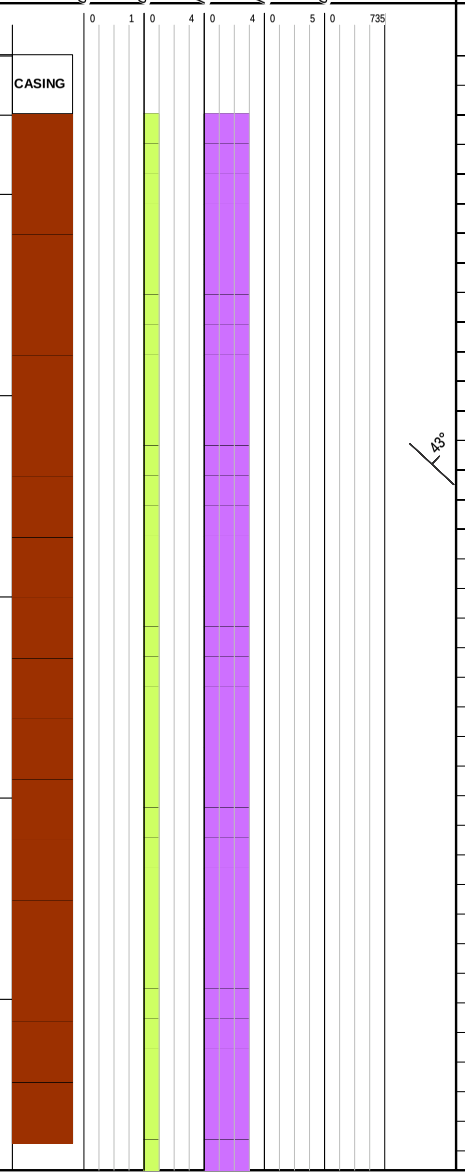
0-3.0 m CASING
3-36.10 m SILTSTONE (slts): dark purple-red with varying grain size throughout unit. Irregular quartz-carbonate veins cut the interval. Layers of medium grained specular hematite also cut interval in cm-scale. Strong earthy hematite alteration.
36.10-98.05m BRECCIA (bht,m): grey to pinkish-purple with interbeds of siltstone throughout interval. Breccia varies from clast to matrix supported. CP 0.1%, HS 1-5%
98.05-121.5 m SILTSTONE (slts): description same as above although no occurrence of specular hematite beds. HS 1-5%, CP 0.1-0.2%, PY 0.1%
121.5-143.6 m SHEARED CHLORITE-SILTSTONE (slts): dark green to black owing to strong/intense chlorite alteration. Interval is highly fractured and is interpreted to be a regional shear zone. PY 0.1-0.25%, CP 0.1%, HS 0.1-1.0%, MC 0.1-1.0%
143.6-151.8 m METASOMATISED SEDIMENTS (mts): red to purple extensively altered sediments with patchy striped texture similar to “zebra texture” of mineralized zones. HS 1-5%, CP 0.1-0.25%, PY 0.1-0.25%
151.8-174.0 m SILTSTONE (slts): same as above. HS 0.1-3.0%
174-193.9 m BRECCIA (bht,m): same description as above. HS 0.1-1.0%, CP 0.1%, PY 0.1-0.25%
193.9- 202.5 m SILTSTONE (slts): same description as above. HS 0.1-0.5%, CP 0.1%

Downhole surveys:

Depth	Dip	Azimuth
0.00	-90.00	70.00

Project: Werneckes **Hole Number:** STM07-01

From	To	Rocktype & Description
0.00	3.00	OVBN CASING: nil recovered material comprising pebbles and gravel.
3.00	36.10	slts SILTSTONE: dark purple-red, some laminations present defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. From outcrop mapping this is evidently the persistent slately cleavage but the bedding/cleavage relation is not as obvious in core. Abundant (~8%) white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains. Interval is cut by several cm-scale layers of medium-grained specular hematite that are typically concordant to cleavage and bedding « Hematite 3.00*» as very fine grains and as coarse grains within veins also associated with chlorite and quartz. « Chlorite 1.00*» as vein selvedges « Dolomite 2.00*» moderate dolomite alteration throughout interval is moderately oxidized to about 7.7m and then is fairly fresh < @ 9.00 cleavage 31° > < @ 11.60 bedding 43° > < @ 19.30 cleavage 40° > < @ 26.00 cleavage 25° > « 26.10- 26.60 Quartz - Dolomite - Chlorite - Specularite - siderite vein 13°», discondant to bedding, deformed, reddish dolomite looks like it could be red (potassium) feldspar but it is difficult to be certain



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
3.00	4.50	1.50	287501	-0.005	0.61	15	6.3	8.96
4.50	7.50	3.00	287502	-0.005	0.25	8	5.7	5.82
7.50	10.50	3.00	287503	-0.005	0.10	6	5.4	4.37
10.50	13.50	3.00	287504	-0.005	0.18	6	6.1	5.99
13.50	16.50	3.00	287505	-0.005	0.14	7	6.3	4.50
16.50	19.50	3.00	287506	-0.005	0.12	11	7.1	4.77
19.50	22.50	3.00	287507	-0.005	0.11	4	5.4	2.16
22.50	24.50	2.00	287508	-0.005	0.15	7	6.1	2.74
24.50	25.50	1.00	287509	-0.005	0.17	13	8.4	3.32
25.50	26.10	0.60	287510	-0.005	0.32	8	6.6	2.24
26.10	26.60	0.50	287511	-0.005	0.12	36	3.9	2.68
26.60	30.00	3.40	287513	-0.005	0.40	40	5.3	4.70
30.00	31.70	1.70	287514	-0.005	0.19	24	5.6	3.23
31.70	33.50	1.80	287515	0.011	0.18	76	4.6	5.75
33.50	36.10	2.60	287516	-0.005	0.10	20	7.2	4.68

Project: Werneckes **Hole Number:** STM07-01

From	To	Rocktype & Description
36.10	98.05	bht

HETEROLITHIC BRECCIA: grey to pinkish-purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Clasts size ranges from mm-scale to 10cm in diameter with sub-rounded to angular clasts. Breccia varies on meter scale from clast supported to matrix supported. The fine-grained matrix comprises, in order of abundance, specular hematite, calcite, chlorite, and quartz(?).

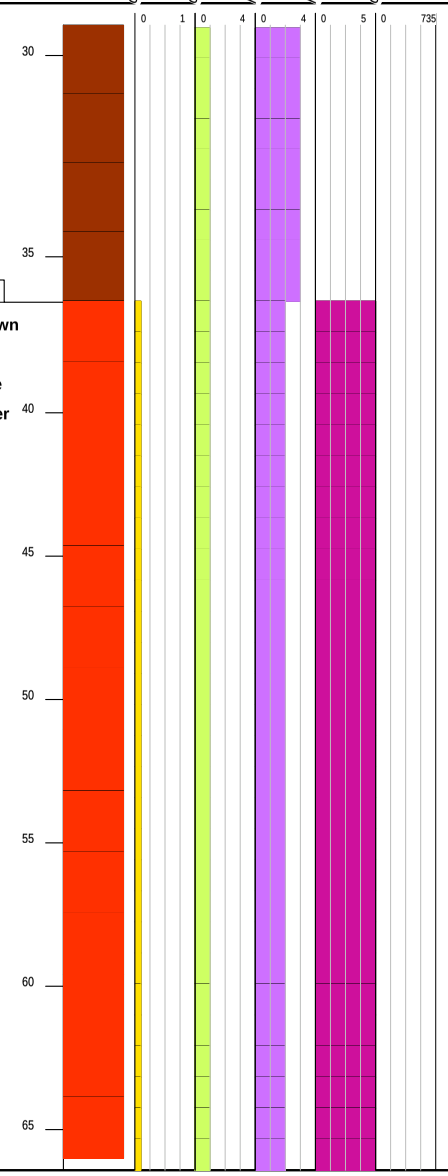
Varying occurrences (5-15%) of white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains.

Alteration:

« Hematite 2.00*» locally weak. typically stronger on clasts than matrix.
« Chlorite 1.00*»
« Silicification 1.00*»
« Dolomite 3*» as stockwork veining

Mineralization:

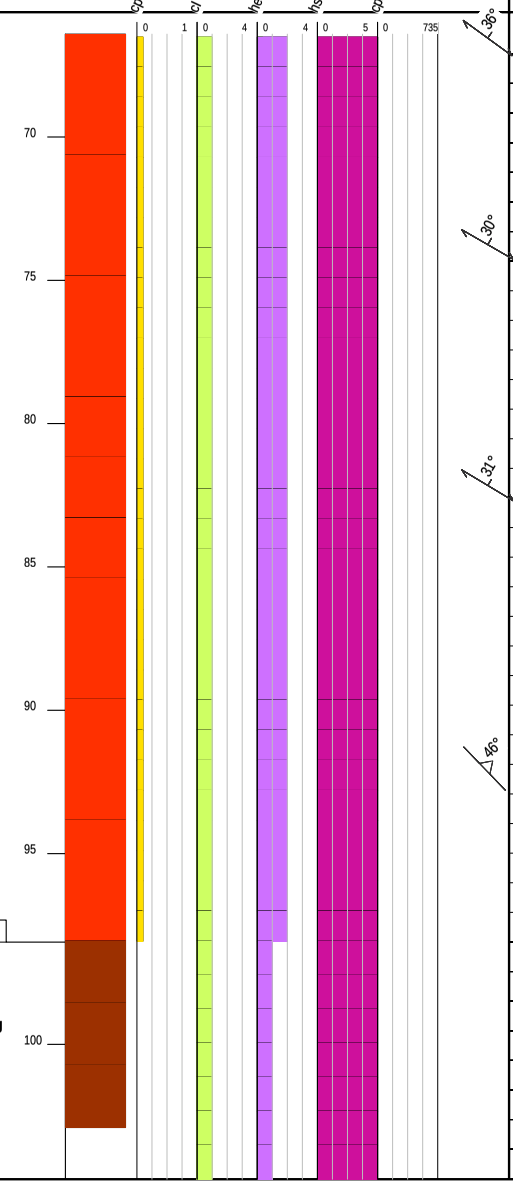
« Chalcopyrite 0.10%» typically as disseminations within dolomite veins
« Specularite 1.00-5.00%» pervasive throughout



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
36.10	37.50	1.40	287517	0.053	0.95	4	8.4	16.15
37.50	39.00	1.50	287518	0.005	0.26	5	6.8	6.48
39.00	40.70	1.70	287519	-0.005	0.05	7	6.5	3.33
40.70	42.00	1.30	287520	0.020	1.05	1010	9.9	29.10
42.00	42.70	0.70	287521	-0.005	0.88	289	6.6	8.59
42.70	43.20	0.50	287522	-0.005	0.11	126	6.5	3.18
43.20	44.40	1.20	287523	0.008	0.09	239	6.6	3.56
44.40	45.50	1.10	287524	0.006	0.17	257	6.4	7.51
45.50	47.50	2.00	287525	-0.005	0.07	73	7.6	2.17
47.50	49.50	2.00	287526	0.029	0.93	166	7.3	9.08
49.50	51.20	1.70	287527	0.041	0.38	202	10.1	4.34
51.20	52.50	1.30	287528	0.013	0.20	12	10.7	5.56
52.50	54.25	1.75	287529	0.006	0.18	36	11.2	4.45
54.25	56.70	2.45	287530	-0.005	0.11	31	6.4	2.71
56.70	58.50	1.80	287531	0.005	0.07	11	5.7	2.51
58.50	60.50	2.00	287532	0.006	0.14	4	5.0	2.93
60.50	62.50	2.00	287533	-0.005	0.17	28	7.8	5.88
62.50	64.50	2.00	287534	-0.005	0.14	20	10.9	5.91
64.50	65.64	1.14	287535	-0.005	0.16	22	9.4	4.78
65.64	67.60	1.96	287537	-0.005	0.06	25	9.3	1.34
67.60	69.70	2.10	287538	-0.005	0.08	140	13.7	3.70
69.70	71.70	2.00	287539	0.007	0.18	50	9.2	10.15
71.70	73.50	1.80	287540	-0.005	0.14	226	10.7	5.06
73.50	75.50	2.00	287541	-0.005	0.08	16	9.5	3.58
75.50	77.50	2.00	287542	-0.005	0.07	6	11.1	2.61
77.50	79.50	2.00	287544	0.006	0.14	42	10.4	4.28
79.50	81.40	1.90	287545	-0.005	0.05	9	13.4	3.09
81.40	82.50	1.10	287546	0.019	0.17	113	13.0	18.80
82.50	84.10	1.60	287547	0.043	0.46	4	20.3	15.60
84.10	85.65	1.55	287548	0.010	0.12	4	10.1	4.37

Project: Werneckes **Hole Number:** STM07-01

From	To	Rocktype & Description
		Structure:
		< Bedding @ 37.20 36° >
		< @ 52.50 Dolomite - Quartz vein 26° 5mm > several veins of similar orientation in surrounding area
		< @ 66.50 foliation 36° >
		< @ 73.70 foliation 30°
		< @ 82.10 foliation 31° >>
		< @ 91.90 Dolomite - Quartz vein 46° 5mm > several similar veins at similar orientation
		< @ 95.10 fault 14° 1mm > narrow with minor gauge
98.05	121.50	slts
		SILTSTONE: dark grey to purple-red, some laminations present defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. From outcrop mapping this is evidently the persistent slately cleavage but the bedding/cleavage relation is not as obvious in core.
		1.0-5.0% white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
85.65	88.50	2.85	287549	0.018	0.20	2	5.8	5.82
88.50	90.40	1.90	287550	-0.005	0.06	3	8.1	4.91
90.40	90.90	0.50	287551	-0.005	0.04	6	6.6	3.92
90.90	93.00	2.10	287552	0.006	0.06	35	5.0	3.40
93.00	93.90	0.90	287553	0.010	0.13	55	6.7	6.02
93.90	95.30	1.40	287555	0.005	0.05	33	4.6	2.15
95.30	96.35	1.05	287556	-0.005	0.03	25	4.6	2.28
96.35	98.05	1.70	287557	0.017	0.51	45	7.5	9.25
98.05	100.10	2.05	287558	0.007	0.11	13	8.6	8.05
100.10	102.00	1.90	287559	-0.005	0.05	3	8.4	1.86
102.00	103.50	1.50	287560	-0.005	0.02	1	7.8	1.05
103.50	106.20	2.70	287561	-0.005	0.02	1	9.0	1.07
106.20	108.00	1.80	287562	-0.005	0.04	4	11.5	1.86
108.00	110.30	2.30	287563	-0.005	0.05	2	11.7	1.41
110.30	112.50	2.20	287564	0.006	0.06	24	8.9	5.60
112.50	114.50	2.00	287565	-0.005	0.06	24	9.4	2.53
114.50	116.40	1.90	287566	0.005	0.05	5	15.1	2.48

Project: Werneckes

Hole Number: STM07-01

From	To	Rocktype & Description

red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains.

Alteration:

« 98.05- 121.50 Chlorite 1.00*»
« 98.05- 121.50 Hematite 1.00*»
« 98.05- 111.40 Silicification 1*»
« 111.40- 113.70 Silicification 3*»
« 113.70- 121.50 Silicification 1*»

Mineralization:

« Specularite 1-5%» pervasive throughout
« 116.40- 119.50 Chalcopyrite 0.1-0.2% »
« 118.50- 121.30 Pyrite 0.1% »

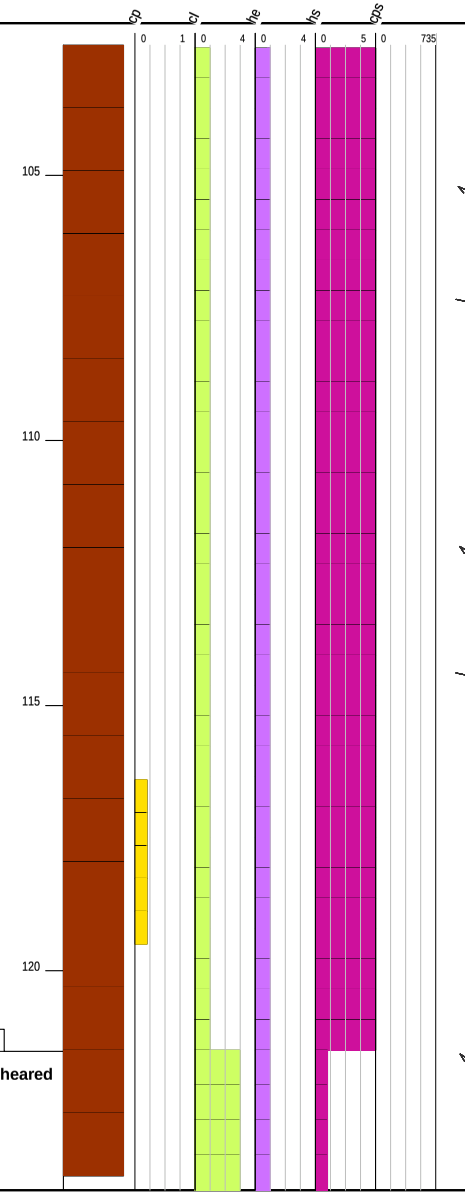
Structure:

< @ 105.40 foliation 23° >
< @ 107.35 bedding 12° >
< @ 112.25 foliation 30° >
< @ 114.40 bedding 12° >

121.50 143.60 slts

SHEARD CHLORITE-SILTSTONE: dark green to black, moderately to strongly sheared interval. Dark green colour owing to strong/intense chlorite alteration.

Interval is highly fractured and broken and is interpreted to be a large scale,



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
116.40	118.50	2.10	287567	0.008	0.15	568	8.4	4.72
118.50	121.50	3.00	287568	0.006	0.14	94	11.5	7.04
121.50	124.50	3.00	287569	-0.005	0.15	20	8.0	5.83
124.50	126.50	2.00	287570	0.014	0.20	216	7.5	7.68
126.50	129.00	2.50	287571	0.005	0.37	1200	10.4	6.93
129.00	129.78	0.78	287572	0.027	0.22	348	11.5	14.15
129.78	130.80	1.02	287573	0.012	0.16	307	7.5	12.25

Project: Werneckes **Hole Number:** STM07-01

From	To	Rocktype & Description

regional shear zone. Localized sections (<1m wide) are weakly sheared and were likely more competent units within the shear zone.

Narrow sand and pebble units occur locally throughout the unit.

Alteration:

« 121.50- 143.60 Chlorite 3*»
« 121.50- 143.60 Hematite 1*»
« 121.50- 143.60 Silicification 1*»

Mineralization:

« 123.10- 140.40 Pyrite 0.10-0.25%»
« 129.00- 140.40 Chalcopyrite 0.10%»
« 121.50- 143.60 Specularite 0.10-1.00%»
« 129.50- 136.90 Malachite 0.10-1.00%»

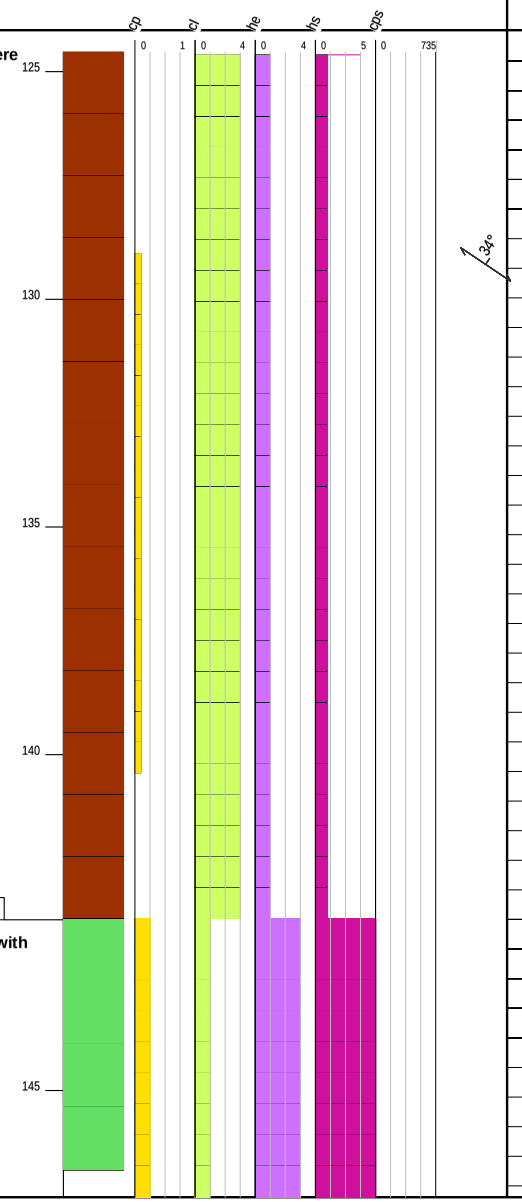
Structural:

< @ 121.90 foliation 32° >
< @ 129.20 foliation 34° >

143.60 151.80 mts

METASOMATISED SEDIMENTS: red to purple, fine-grained altered sediments with locally well developed fabric (cleavage?). Primary bedding difficult to recognize due to extensive alteration. Purple/red colour due to earthy hematite alteration found throughout

Patchy and discontinuous striped texture is present which is similar to the zebra texture of mineralized zones, but more brick-red in color.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
130.80	132.90	2.10	287574	0.010	0.14	488	7.7	10.50
132.90	135.00	2.10	287575	0.014	0.15	1350	6.1	7.13
135.00	136.50	1.50	287576	0.069	0.30	5340	5.9	7.37
136.50	139.50	3.00	287577	0.019	0.20	1695	6.2	8.14
139.50	141.50	2.00	287578	0.010	0.15	918	5.7	6.33
141.50	143.60	2.10	287579	-0.005	0.09	25	5.2	3.64
143.60	145.50	1.90	287580	-0.005	0.14	30	2.9	6.13
145.50	146.90	1.40	287581	0.030	0.08	30	3.1	1.87
146.90	149.43	2.53	287582	0.036	0.46	603	6.1	49.10
149.43	150.60	1.17	287583	0.011	0.18	26	4.3	9.16
150.60	151.80	1.20	287584	-0.005	0.07	17	9.5	2.86

Project: Werneckes **Hole Number:** STM07-01

From	To	Rocktype & Description

Alteration: alteration within metasomatised sediments is variable over a cm-scale

143.60- 151.80 Hematite 1-3*»
« 143.60- 151.80 Silicification 1-2*»
« 143.60- 151.80 Chlorite 1*»
« 143.60- 151.80 Sericite 1-2*»

Mineralization:

« 143.60- 151.80 Specularite 1.00-5.00%»
« 143.60- 149.33 Chalcopyrite 0.10-0.25%»
« 143.60- 149.33 Pyrite 0.10-0.25%»

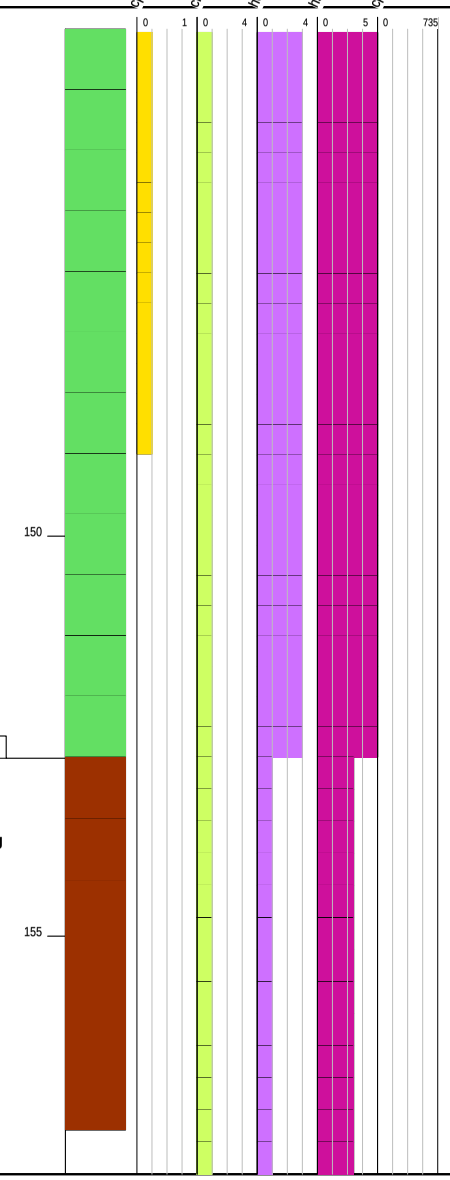
Structure:

< @ 151.30 foliation 45° >

151.80 174.00 slts

SILTSTONE: dark grey to purple-red, some laminations present defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. From outcrop mapping this is evidently the persistent slately cleavage but the bedding/cleavage relation is not as obvious in core.

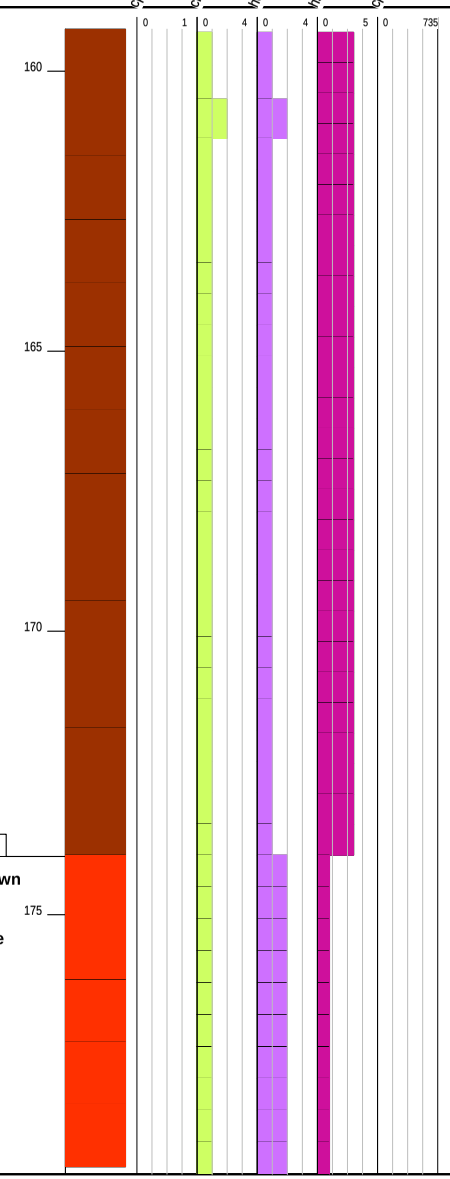
1.0-5.0% white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
151.80	154.50	2.70	287586	0.011	0.12	9	14.7	6.81
154.50	157.50	3.00	287587	-0.005	0.05	17	11.3	2.79
157.50	160.50	3.00	287588	-0.005	0.12	11	7.3	1.62
160.50	161.20	0.70	287589	-0.005	0.03	13	5.4	1.85
161.20	163.50	2.30	287590	-0.005	0.07	11	20.5	4.09
163.50	165.80	2.30	287591	0.073	0.18	3	14.2	1.93
165.80	168.00	2.20	287592	-0.005	0.03	5	5.1	1.73
168.00	169.50	1.50	287594	-0.005	0.03	3	7.5	1.46
169.50	172.50	3.00	287595	-0.005	0.04	13	17.3	2.27
172.50	174.00	1.50	287596	-0.005	0.02	5	9.9	2.34

Project: Werneckes **Hole Number:** STM07-01

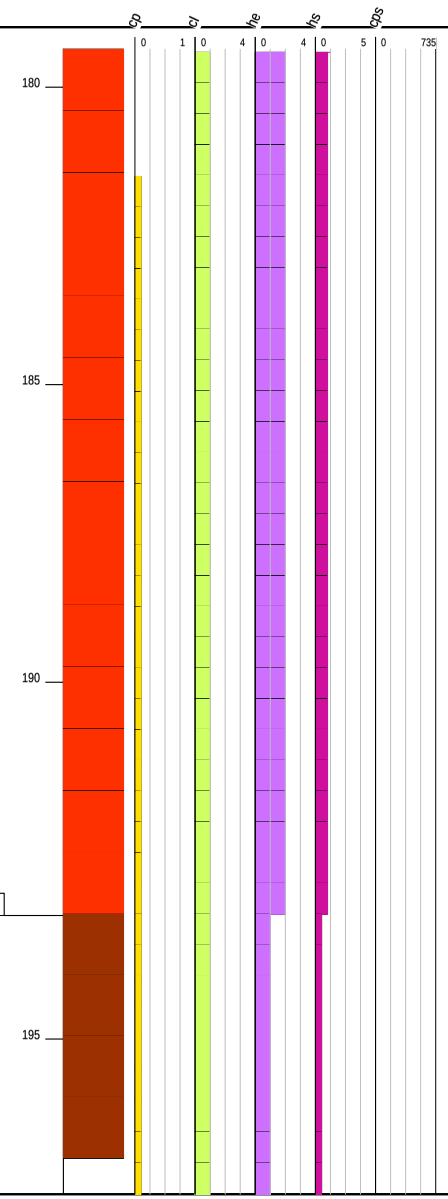
From	To	Rocktype & Description
		Alteration:
		« 151.80- 160.50 Hematite 1*» « Chlorite 1.00*» « Silicification 1.00*»
		« 160.50- 161.20 Hematite 2.00*» « Silicification 2.00*» « Chlorite 2.00*»
		« 161.20- 174.00 Hematite 1.00*» « Chlorite 1.00*» « Silicification 1.00*»
		Mineralization:
		« Specularite 0.10-3.00%»
		Structure:
		< @ 152.20 foliation 54° >
		< @ 161.95 foliation 30° >
		< @ 170.20 foliation 32° >
174.00	193.90	bht
		HETEROLITHIC BRECCIA: grey to pinkish-purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Clasts size ranges from mm-scale up to 5cm in diameter with sub-rounded to angular clasts. Breccia varies on meter scale from clast supported to matrix supported. The fine-grained matrix comprises, in order of abundance, specular hematite, chlorite, calcite, and quartz.
		Varying occurrences (1-10%) of white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
174.00	177.00	3.00	287597	-0.005	0.05	2	11.0	6.73
177.00	178.50	1.50	287598	-0.005	0.06	15	8.1	3.58
178.50	181.50	3.00	287599	0.027	0.31	6	10.2	6.73
181.50	184.50	3.00	287600	-0.005	0.16	26	8.2	9.30
184.50	186.00	1.50	287601	0.038	0.47	90	12.5	22.10
186.00	189.00	3.00	287602	0.022	0.28	76	15.9	7.92
189.00	192.00	3.00	287603	0.027	0.26	12	10.6	8.44
192.00	193.90	1.90	287604	0.027	0.30	14	20.8	13.40

Project: Werneckes **Hole Number:** STM07-01

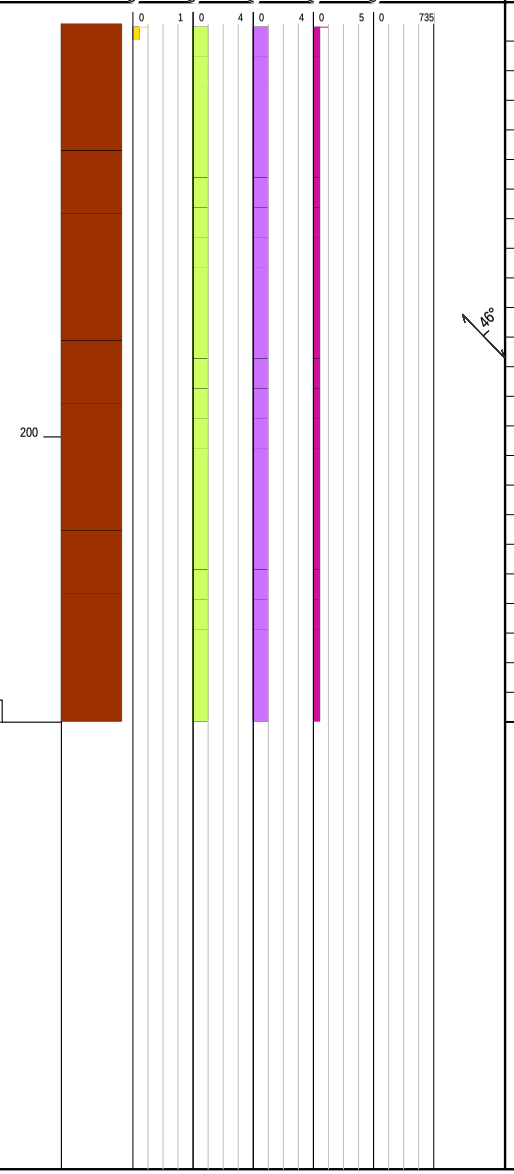
From	To	Rocktype & Description
		likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains. Alteration: « 174.00- 193.90 Silicification 1.00*» « 174.00- 193.90 Hematite 2.00*» clasts are more strongly altered than matrix « 174.00- 193.90 Chlorite 1.00*» Mineralization: « 174.00- 193.90 Specularite 0.10-1.00%» « 181.50- 193.90 Chalcopyrite 0.10%» « 177.00- 193.90 Pyrite 0.10-0.25%» Structure: < @ 175.20 foliation 30.00° > < @ 177.80 foliation 37.00° > < @ 181.70 foliation 43.00° > < @ 189.50 foliation 37.00° >
193.90	202.50	slts
		SILTSTONE: dark grey to purple-red, some laminations present defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. From outcrop mapping this is evidently the persistent slately cleavage but the bedding/cleavage relation is not as obvious in core. 1.0-5.0% white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
193.90	196.50	2.60	287605	0.016	0.07	29	13.1	4.86
196.50	199.50	3.00	287606	0.010	0.04	17	6.4	1.85
199.50	202.50	3.00	287607	-0.005	0.03	2	6.2	1.70

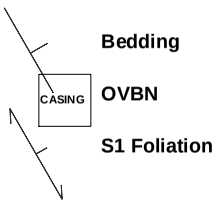
Project: Werneckes **Hole Number:** STM07-01

From	To	Rocktype & Description
		veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains.
		Alteration:
		« 193.90- 202.50 Hematite 1*» « Chlorite 1.00*» « Silicification 1.00*»
		Mineralization:
		« 193.90- 202.5 Specularite 0.10-0.50%»
		« 193.90- 196.50 Chalcopyrite 0.10%»
		Structure:
		< @ 199.10 foliation 46.00° >
		< @ 195.50 foliation 35.00° >
		< @ 202.50 EOH >
202.50	202.50	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bht

mts

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1555.0
Hole STM07-02	**Azimuth (º):** 70.0
Location: 7206106 m North, 527898 m East	**Dip (º):** -70.0
Logged by: H. Jaggard	**Length (m):** 147.00
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/28 **Date Completed:** 2007/08/29	
Dip Tests By:	
Objective Test below the MDV Zone below the main outcrop at a shallower angle to STM07-01 (same location as STM07-01).	

Summary Log:

Significant mineralization: URANIUM at 59.3-86.45m (180-382cps)

0-4.5 m CASING

4.5-55.4 m SILTSTONE AND HETEROLITHIC BRECCIA (slts, bht) interbedded. Beds range from 4-17m throughout interval. Grey to red/purple depending on HS alteration. Breccia varies from clast to matrix supported. PY 0.1%, CP 0.1%, HS 0.1-2.0%. Two massive sulphide beds are found; 30cm and 1.5m in width. These beds contain HS 5-50% and CP 0.1%. Irregular white quartz-carbonate veins cut interval.

55.4-87.9 m METASOMATISED SEDIMENTS (mts): red to purple fine grained altered seds. Patchy and discontinuous striped texture similar to "zebra texture" of mineralized zones. URANIUM MINERALIZATION found within this interval; from ~59.3-86.45m range of uranium mineralization 180-382cps. FL 0.1%, HS 0.1-1%

87.9-90.2 m SILTSTONE/SANDSTONE (slts, sst): same as above. Specular hematite beds form intervals mm to cm-scale throughout.
90.2-91.0 m MASSIVE HEMATITE (mxHS): same as above: HS 10-70%, PY 0.1-2.0%
91.0-96.8 m HETEROLITHIC BRECCIA (bht): FL 0.1%, CP 0.1%, HS 0.1-1.0%
96.8-141.3 m SILTSTONE (slts): same as above. Massive sulphide intervals found throughout unit. CP 0.1%, PY 0.1-10%, HS 0.1-70%
141.3-147.0 m HETEROLITHIC BRECCIA (bht)

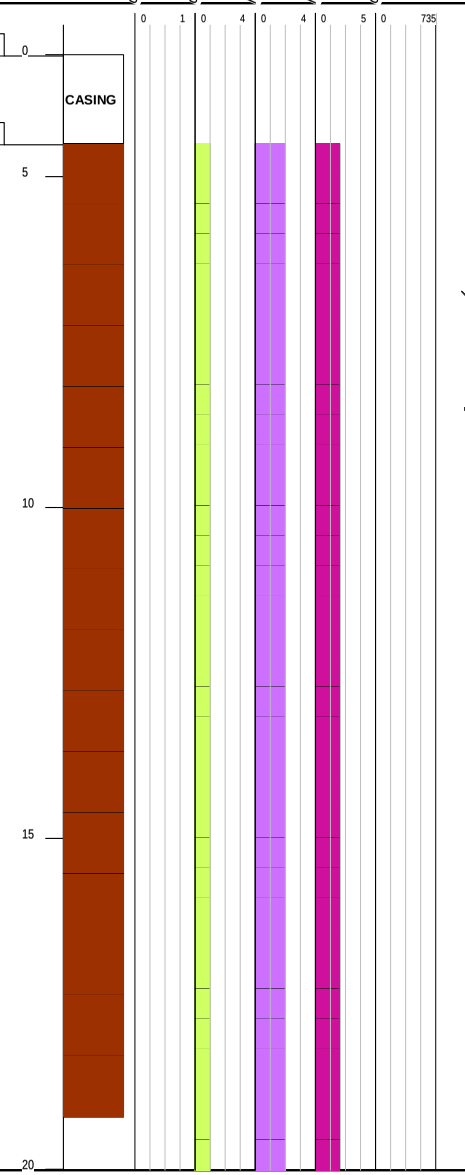
147.0m E.O.H.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	70.00

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
0.00	4.50	OVBN CASING: no core recovered
4.50	21.05	slts **BOX 4 (15.7- 20.9m) was dropped at the drill** SILTSTONE: dark grey to red/purple, some laminations present defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. Within the fine sandstone layers, some mm-scale hematite altered clasts are present. Abundant (~1- 8%) white to brick red irregular, discontinuous veinlets and stockwork cement cut the interval, with some following foliation direction. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains. Alteration: « 4.50- 21.05 Silicification 1.00*» « Hematite 1.00-2.00*» « Chlorite 1.00*» Mineralization: « 4.5- 21.05 Specularite 0.10-2.00%» Structure: < @ 7.00 bedding 46° > < @ 8.80 foliation 46° < @ 12.20 foliation 51° > < @ 20.70 foliation 44° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
4.50	7.50	3.00	287608	-0.005	0.04	3	4.0	1.39
7.50	10.50	3.00	287609	0.006	0.57	4	5.5	5.53
10.50	13.50	3.00	287610	-0.005	0.12	4	5.8	2.39
13.50	15.50	2.00	287611	-0.005	1.02	17	6.4	3.08
15.50	18.00	2.50	287613	-0.005	0.08	22	5.8	1.87
18.00	21.05	3.05	287614	-0.005	0.06	8	4.7	1.86

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
21.05	28.00	bht

HETEROLITHIC BRECCIA: grey to pinkish-purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Breccia is primarily matrix supported but is clast supported on smaller cm-scale layers. The fine-grained matrix comprises, in order of abundance, specular hematite, calcite, chlorite, and quartz(?).

Varying occurrences (1-5%) of white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains.

At 27.25m a petrographic sample was taken. This specific hand sample was chosen as it is a representative sample of this heterolithic brecciated interval. A better identification of the red (earthy hematite?) alteration as well as the mineralogy within the interval is desired from thin section anaysis.

Alteration:

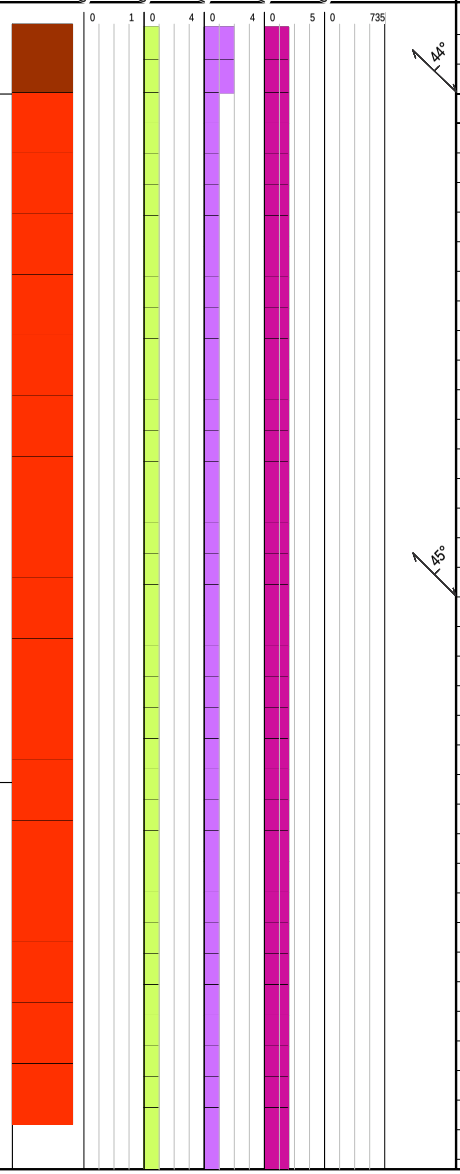
« 21.05- 28.00 Silicification 1.00*» « Chlorite 1.00*» « Hematite 1.00*»

Mineralization:

« 21.05- 28.00 Specularite 0.1-2% »

Structure:

< @ 23.80 foliation 45° >
< @ 27.65 foliation 48° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
21.05	23.50	2.45	287615	0.063	0.58	18	11.8	11.40
23.50	25.50	2.00	287616	-0.005	0.08	6	7.1	3.08

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
28.00	34.50	slts

SILTSTONE: black to red/purple, some laminations present defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. Minor amounts of mm-scale hematite stained clasts found scattered throughout matrix.

1-3% white to brick-red, discontinuous veinlets and stockwork cement cut the interval, with some following foliation direction. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting).

The pervasive purple colour throughout the matrix is also due to very fine-grained specular hematite grains.

Alteration:

« 28.00- 34.50 Silicification 1.00*»« Hematite 1.00-2.00*»« Chlorite 1.00-2.00*»

Mineralization:

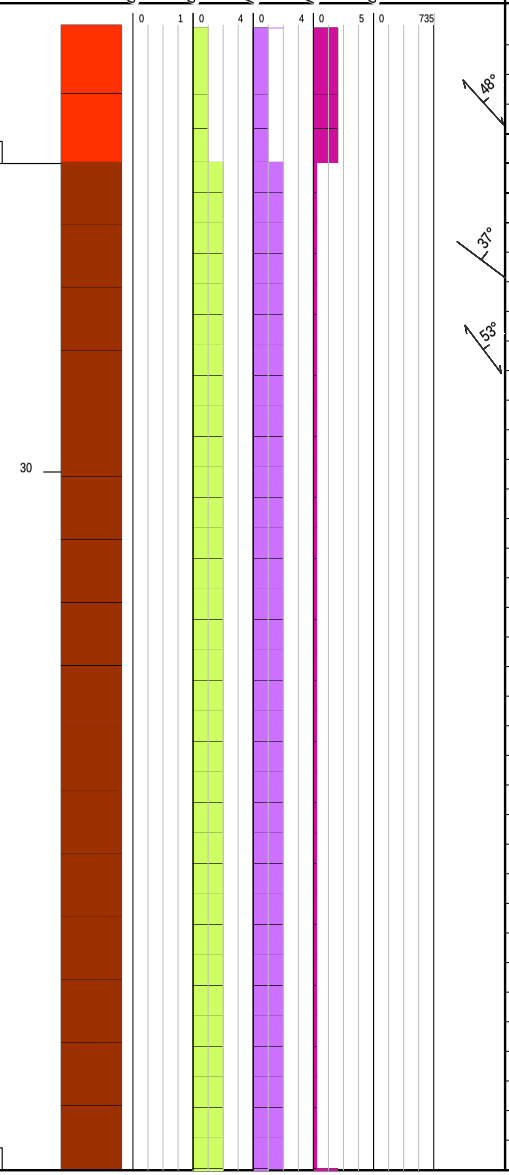
« 28- 34.50 Specularite 0.10-0.25%»
« 31.00- 33.00 Pyrite 0.10%» pyrite mineralization found within a ~2cm wide quartz/calcite vein

Structure:

< @ 28.60 bedding 37° >
< @ 29.20 foliation 53° >

From	To
34.50	44.00

bht



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
25.50	28.10	2.60	287617	0.019	2.28	28	11.6	7.56
28.10	30.30	2.20	287618	0.065	0.69	142	9.2	10.90
30.30	33.00	2.70	287619	-0.005	0.16	71	5.7	8.05
33.00	34.50	1.50	287620	0.005	0.07	4	6.6	3.14
34.50	36.10	1.60	287621	0.285	0.78	13	19.0	82.00

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description

HETEROLITHIC BRECCIA: grey/black to pink/purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Breccia is primarily matrix supported but is clast supported on smaller cm-scale. The fine-grained matrix comprises, in order of abundance, specular hematite, calcite, chlorite, and quartz(?).

Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Some larger clasts show strain shadows in direction of foliation.

Varying occurrences (1-5%) of white to brick red irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). The pervasive purple colour is also due to very fine-grained specular hematite grains.

Alteration:

« 34.50- 44.00 Silicification 1.00*»« Hematite 1.00*»« Chlorite 1.00-2.00*»

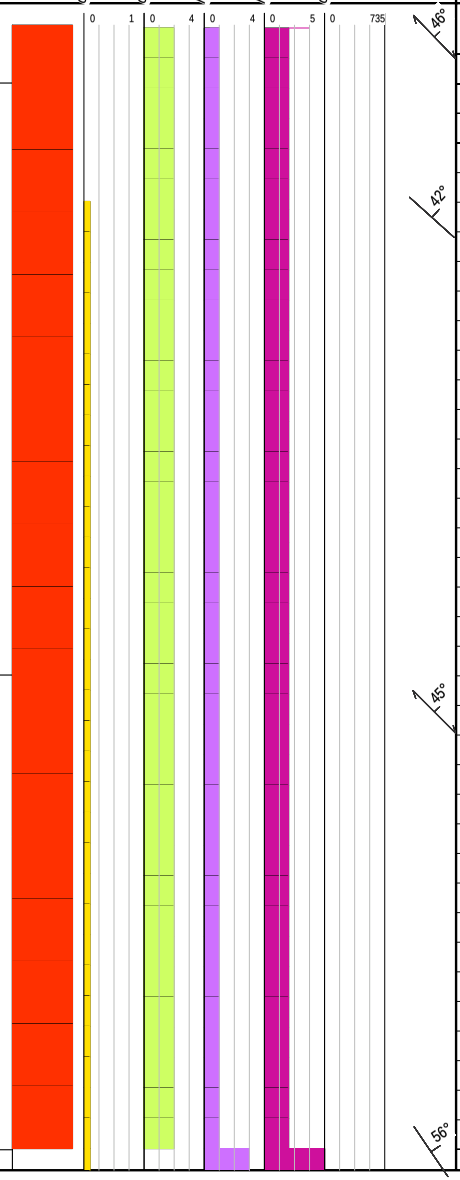
Mineralization:

« 34.50- 44.00 Specularite 0.1-2.0% »
« 36.00- 44.00 Chalcopyrite 0.10%»

Structure:

« 41.10- 41.40 shear zone »
< @ 34.60 foliation 46.00° >
< @ 40.30 foliation 45.00° >
< @ 36.10 bedding 42.00° >

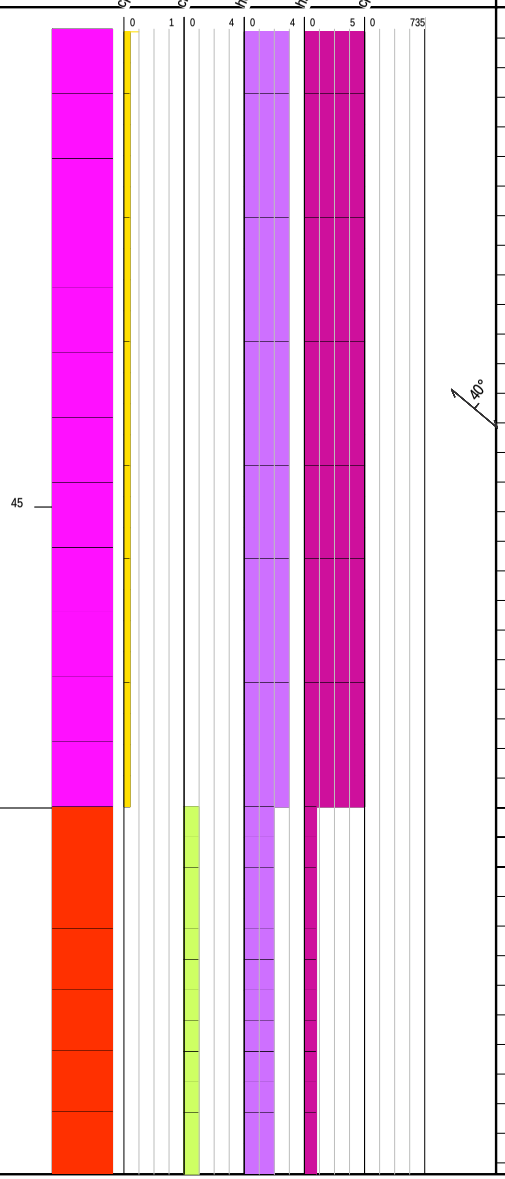
44.00 45.60 mxHS



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
36.10	38.00	1.90	287622	0.080	0.18	250	13.6	6.37
38.00	40.00	2.00	287623	0.055	0.24	47	12.8	23.50
40.00	42.00	2.00	287624	0.014	0.21	5	9.0	8.59
42.00	44.00	2.00	287625	0.013	0.10	26	10.9	5.22
44.00	45.60	1.60	287626	0.011	0.97	33	12.2	34.00

Project: Werneckes **Hole Number:** STM07-02

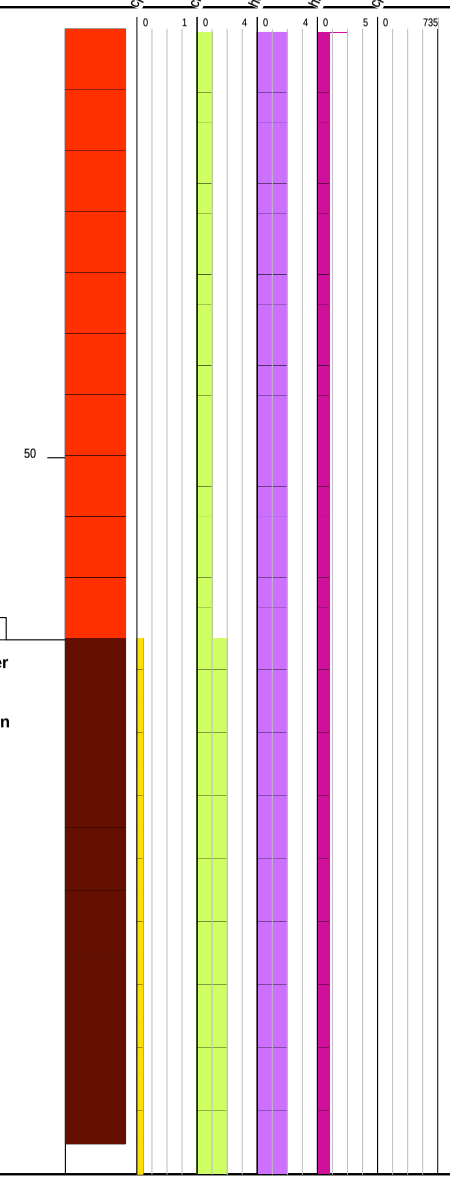
From	To	Rocktype & Description
		MASSIVE HEMATITE: black to purple coarse-grained unit. Interlayered with coarser grained clastic units. Clasts range from mm-size to ~5cm in diameter. Dominantly specular hematite found throughout this unit. Earthy hematite alteration within the clasts result in their red-purple colour. The pervasive purple colour found throughout the unit is due to the high concentration of specular hematite. Alteration: « 44.00- 45.60 Hematite 3.00*» **iron oxides along fractures** Mineralization: « 44.00- 45.60 Chalcopyrite 0.10%» « 44.00- 45.60 Specularite 10.0- 50.0 Structure: < @ 44.00 bedding 56° > < @ 44.80 foliation 40° >
45.60	51.00	bht
		HETEROLIOTHIC BRECCIA: black to red/purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Breccia is primarily matrix supported but is clast supported on a smaller cm-scale. The fine-grained matrix comprises, in order of abundance, specular hematite, chlorite, and quartz(?). The pervasive purple colour is due to very fine-grained specular hematite grains. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Some larger clasts show strain shadows in direction of foliation. Clasts are red to purple in colour due to earthy hematite alteration.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
45.60	48.00	2.40	287627	0.025	0.75	70	7.8	13.55
48.00	50.00	2.00	287628	0.012	0.30	30	6.1	43.60
50.00	51.00	1.00	287629	0.014	0.48	35	8.7	27.00

Project: Werneckes **Hole Number:** STM07-02

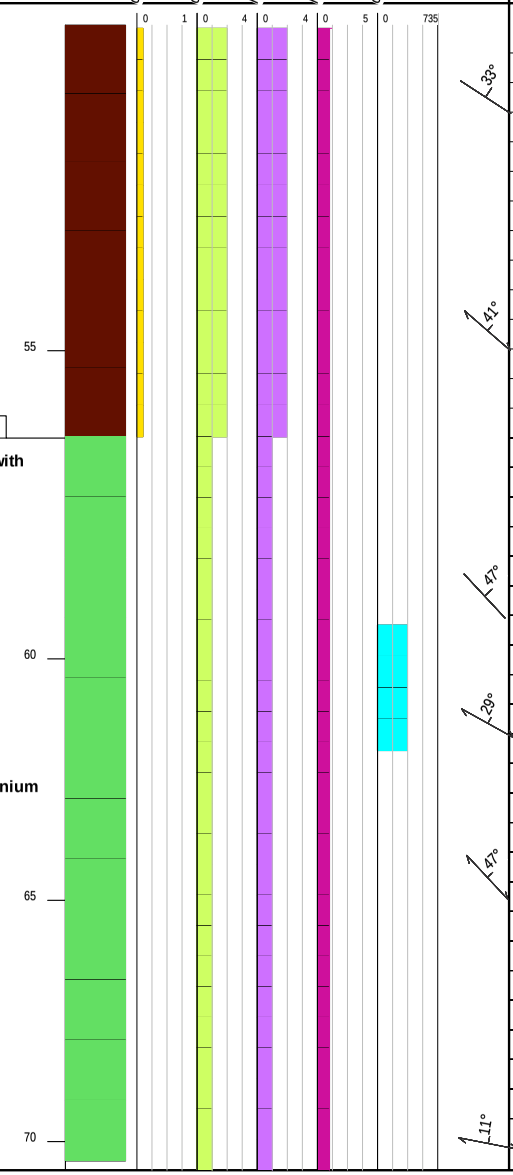
From	To	Rocktype & Description
		Minor amounts (0.1- 1%) of veining is present throughout this interval. Based on slight reactions to HCL, these veins are likely dolomite. Alteration: « 45.60- 51.00 Silicification 1.00*»« Hematite 1.00-2.00*»« Chlorite 1.00*» Mineralization: « Specularite 0.10-1.00%» Structure: < @ 48.40 foliation 36° > < @ 50.70 foliation 38° >
51.00	55.40	sst SANDSTONE/SILTSTONE: dark grey to red/purple colour. Grain size varies over cm-scale throughout this interval from fine grained silts to beds containing cm-scale clasts. Clasts are sub-rounded to sub-angular and some display strain shadows in direction of foliation. Clasts are primarily chlorite and hematite altered. The pervasive purple colour throughout this interval is due to earthy hematite alteration. A massive sulphide interval occurs from 51.9- 52.1m. This unit is similar to the massive sulphide unit found from 44.0- 45.6m. There is a higher concentration (3-5%) of specular hematite as well as earthy hematite altered clasts found throughout. Alteration: « 51.00- 55.40 Chlorite 1-2*» « 51.00- 55.40 Hematite 1-2*» « 51.00- 55.40 Silicification 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
51.00	53.00	2.00	287630	0.014	0.26	134	3.9	24.60
53.00	55.40	2.40	287632	0.006	0.15	95	3.0	13.60

Project: Werneckes **Hole Number:** STM07-02

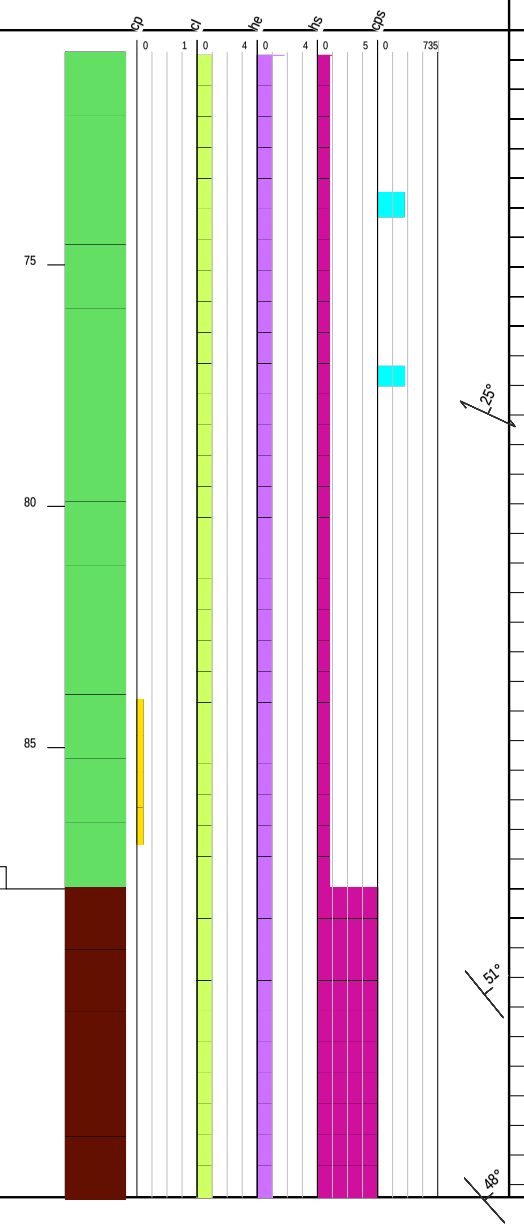
From	To	Rocktype & Description
		Mineralization:
		« 51.00- 55.40 Specularite 0.10-1.00%»
		« 51.00- 55.40 Chalcopyrite 0.10%»
		Structure:
		< @ 53.20 foliation 38° >
		< @ 52.30 sigmoidal porphyroblast with strain shadow indicating foliation direction near shear zone (~45 degrees)
		< @ 53.80 bedding 33° >
		< @ 54.90 foliation 41° >
		« 51.30- 51.60 shear zone »
55.40	87.90	mts
		METASOMATIZED SEDIMENTS: red to purple, fine-grained altered sediments with locally well developed fabric (cleavage?). Primary bedding difficult to recognize due to extensive alteration. Purple/red colour due to earthy hematite alteration found throughout
		Patchy and discontinuous striped texture similar to zebra texture of mineralized zones, but more brick-red in color.
		Minor amounts (0.1- 2%) of veining is found within this interval. Slight reaction to HCL likely makes these veins dolomite.
		At 84.9m a petrographic sample was taken. This sample shows the highest uranium mineralization with ~380cps. Thin section work would be good for this section to identify mineralization and alteration within this high grade area.
		Alteration:
		« 55.40- 87.90 Silicification 1*» « Hematite 1.00*» « Chlorite 1.00*»
		Mineralization:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
55.40	57.00	1.60	287633	0.044	0.31	156	3.9	20.20
57.00	58.80	1.80	287634	-0.005	0.05	9	2.2	10.45
58.80	60.30	1.50	287635	0.029	0.31	21	13.2	95.80
60.30	61.10	0.80	287636	0.017	0.09	2	78.4	16.00
61.10	61.90	0.80	287637	0.026	0.22	25	156.5	23.50
61.90	63.00	1.10	287638	0.011	0.17	3	32.4	15.35
63.00	64.00	1.00	287640	0.009	0.10	1	16.9	21.50
64.00	65.00	1.00	287641	0.034	0.33	26	26.9	38.50
65.00	66.00	1.00	287642	0.019	0.17	42	17.9	27.90
66.00	67.00	1.00	287643	0.034	0.28	13	20.7	45.20
67.00	67.50	0.50	287644	0.022	0.40	40	50.1	63.30
67.50	68.50	1.00	287645	0.007	0.19	34	31.2	23.10
68.50	69.50	1.00	287646	0.018	0.28	13	27.7	39.50
69.50	70.50	1.00	287647	0.027	0.30	2	49.2	31.70
70.50	71.50	1.00	287648	0.007	0.04	1	11.5	4.67
71.50	72.50	1.00	287649	-0.005	0.05	1	16.8	5.99
72.50	73.50	1.00	287650	-0.005	0.08	1	27.1	5.85
73.50	74.00	0.50	287651	-0.005	0.07	1	105.0	3.40
74.00	75.00	1.00	287652	-0.005	0.04	0	68.6	4.07
75.00	76.00	1.00	287653	0.006	0.14	1	41.9	13.10
76.00	77.00	1.00	287654	-0.005	0.05	1	29.3	3.22
77.00	77.50	0.50	287655	-0.005	0.07	1	127.0	5.37
77.50	78.50	1.00	287656	0.022	0.13	0	30.6	32.50
78.50	79.50	1.00	287657	-0.005	0.05	1	29.5	4.17
79.50	80.50	1.00	287658	-0.005	0.03	1	5.1	5.77

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
« 55.40- 87.90 Specularite 0.1- 1.00% » from 64.3- 64.5m specular hematite increases to concentration of ~5%		
« 75.00- 82.00 Fluorite 0.1% »transluscent, purple mineralization found within uranium mineralized zone		
« 84.00- 87.00 Chalcopyrite 0.00- 0.10% » very minor amounts visible		
« 59.30- 61.90 cps 217-367»		
< @ 67.25 uranium mineralization cps 180 >		
« 73.50- 74.00 uranium mineralization cps 327»		
« 77.10- 77.50 uranium mineralization cps 331»		
< @ 83.80 uranium mineralization cps 182 >		
< @ 85.10 uranium mineralization cps 382 >		
< @ 86.45 uranium mineralization cps 217 >		
Structure:		
< @ 58.62 bedding 47° >		
< @ 61.30 foliation 29° >		
< @ 64.50 foliation 47° >		
< @ 70.00 foliation 11° >		
< @ 78.05 foliation 25° >		
87.90	90.20	sst
SILTSTONE/SANDSTONE: black to red/purple, laminations present defined by variable grain size. Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. Hematite stained pebbles are found within the coarser grained sandy beds. These beds are typically mm-scale to 10-15cm in thickness. The fine-grained matrix comprising the sandier as well as silty beds includes specular hematite, chlorite, calcite and quartz(?). The pervasive purple colour throughout the matrix is due to very fine-grained specular hematite grains.		
1-2% white to brick-red, discontinuous veinlets and stockwork cement cut the		



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
80.50	81.50	1.00	287659	0.014	0.05	5	7.8	2.27
81.50	82.50	1.00	287660	-0.005	0.04	4	3.7	4.34
82.50	83.50	1.00	287661	-0.005	0.03	5	5.0	2.23
83.50	84.00	0.50	287662	0.005	0.94	58	24.0	20.40
84.00	84.70	0.70	287663	0.007	0.35	15	106.5	6.30
84.70	85.10	0.40	287664	0.013	0.26	39	228.0	15.75
85.10	86.10	1.00	287665	-0.005	0.07	6	54.5	4.32
86.10	86.60	0.50	287666	0.005	0.06	2	54.3	2.60
86.60	87.30	0.70	287667	0.013	0.06	8	68.3	3.62
87.30	87.90	0.60	287668	-0.005	0.05	4	52.3	2.80
87.90	89.00	1.10	287669	0.006	0.05	5	13.4	5.73
89.00	90.20	1.20	287670	-0.005	0.08	13	13.3	6.52

Project: Werneckes

Hole Number: STM07-02

From	To	Rocktype & Description

interval, with some following foliation direction. Based on a weak reaction to HCl, these are likely dolomite with some integration of quartz grains. Some brick red veins also show the same reaction with acid so these are likley carbonate or quartz veins with earthy hematite within mineral cleavage planes (hematite dusting).

Scattered throughout this interval are mm to cm-thick beds of specular hematite. These beds likely formed from hydrothermal penetration of the coarser sandstone beds.

Alteration:

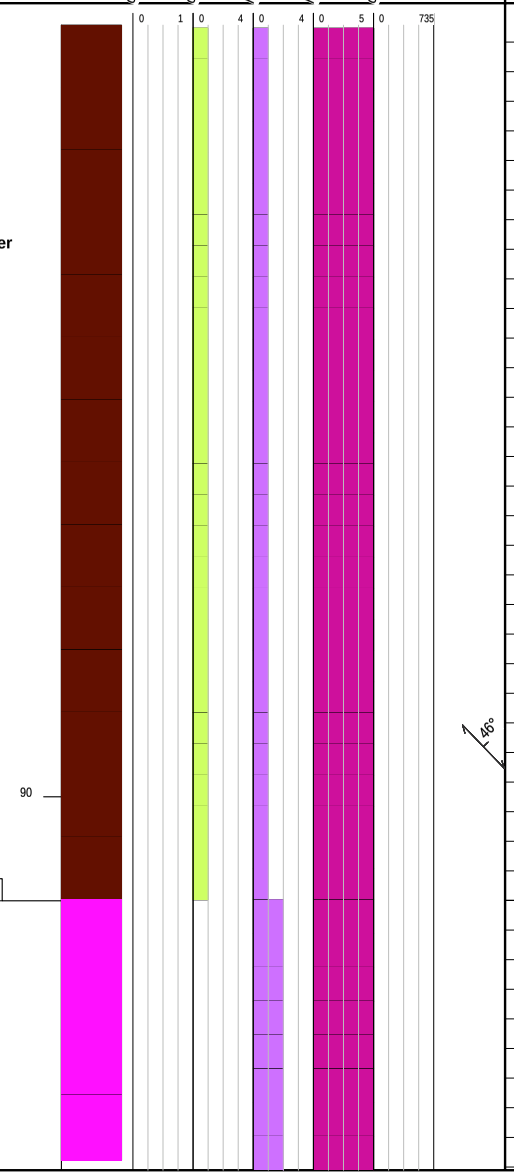
« 87.90- 90.20 Silicification 1*» « Chlorite 1.00*» « Hematite 1.00*»

Mineralization:

« 87.90- 90.20 Specularite 0.1- 5.0% » higher concentrations are found within mm to cm-scale beds of specular hematite

Structure:

< @ 88.50 bedding 48° >
< @ 88.10 bedding 51° >
< @ 89.90 foliation 46° >



90.20 91.00 mxHS

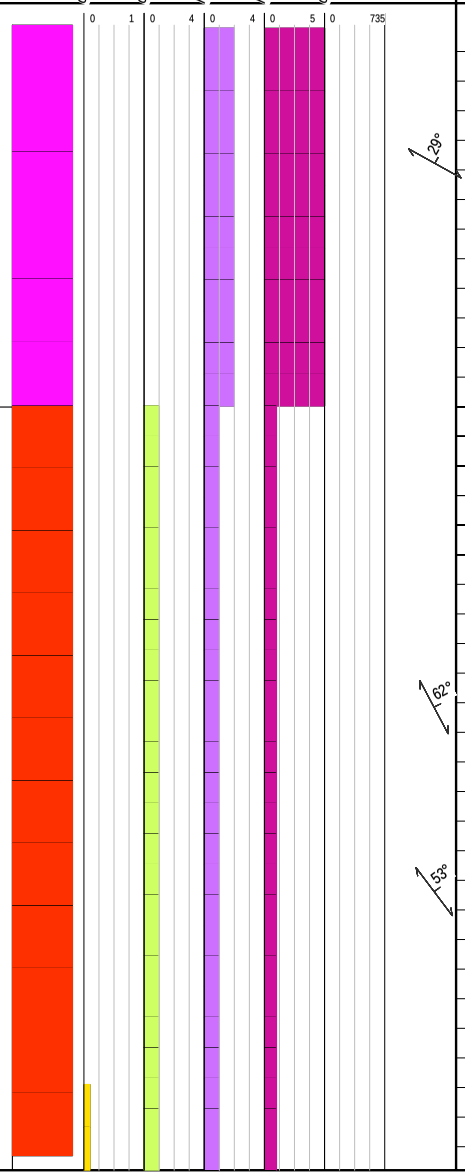
MASSIVE HEMATITE: black to purple coarse-grained unit. Interlayered with coarser grained clastic units. Clasts range from mm-size to ~1cm in diameter. This interval is dominantly specular hematite. Earthy hematite alteration within the clasts result in the pervasive purple colour.

Minor amounts (0.5- 2%) of white, discontinuous, speckled veinlets are present throughout this unit. These tiny veinlets tend to follow foliation direction. The slight reaction with HCL would likely make these veinlets dolomite in composition.

From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
90.20	91.00	0.80	287671	0.021	0.53	6	4.6	30.30

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
		Alteration: « 90.20- 91.00 Hematite 1.00-2.00*» « Silicification 1*» Mineralization: « 90.20- 91.00 Specularite 10 -70% » « 90.20- 91.00 Pyrite 0.1- 2.0% » Structure: < @ 90.70 foliation 29° >
91.00	96.80	bht HETEROLITHIC BRECCIA: black to red/purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Breccia changes on cm to meter-scale from clast supported to matrix supported. The clasts tend to be aligned in direction of foliation. The fine-grained matrix comprises, in order of abundance, specular hematite, chlorite, and quartz(?). The pervasive purple colour is due to very fine-grained specular hematite grains. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Some larger clasts show strain shadows in direction of foliation. Clasts are red to purple in colour due to earthy hematite alteration. Minor amounts (0.1- 3%) of ragged, discontinuous veining is present throughout this interval on mm-scale. Based on slight reactions to HCL, these veins are likely dolomite. These veins tend to follow foliation direction but some larger scale (0.5-1cm wide) veins cross cut foliation. Alteration: « 91.00- 96.80 Silicification 1*» « Chlorite 1.00*» « Hematite 1.00*» Mineralization:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
91.00	92.00	1.00	287672	0.008	0.09	2	10.0	13.85
92.00	93.00	1.00	287673	0.019	0.07	2	10.8	8.47
93.00	94.00	1.00	287674	0.069	0.23	3	10.2	47.40
94.00	95.00	1.00	287675	0.033	0.25	18	12.4	11.95
95.00	96.00	1.00	287676	0.015	0.09	2	6.9	13.10
96.00	96.80	0.80	287677	0.014	0.12	2	10.4	16.80

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
		< @ 94.70 Fluorite 0.1% >
		« 94.50- 95.00 Chalcopyrite 0.1% »
		« 91.00- 96.80 Specularite 0.1- 1.0% »
		Structure:
		< @ 92.55 foliation 62° >
		< @ 93.50 foliation 53° >
96.80	120.70	slts

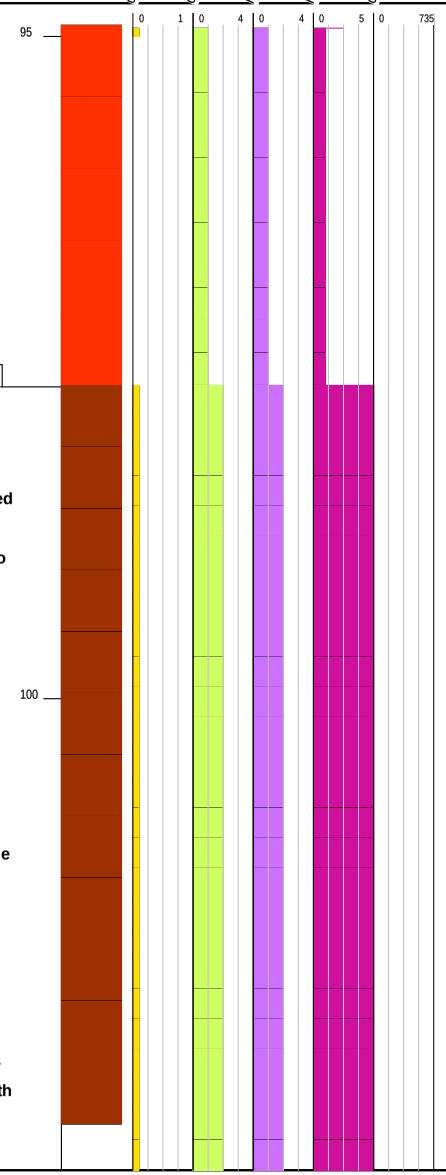
SILTSTONE: black to red/purple, laminations present defined by variable grain size. Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. Coarser grained sandstone beds cut through interval and tend to be cm to ~1m in thickness. These coarser grained beds are characterized by red/purple stained clasts which are oriented in direction of foliation. These clasts range in size from mm to ~5cm in diameter and are sub-rounded to sub-angular.

Quartz/carbonate veining occurs in metre-scale sections throughout this interval. The white to reddish veins are ragged and discontinuous and tend to follow foliation direction. Based on a weak reaction to HCl, these veins are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting).

The pervasive purple colour throughout the coarser-grained matrix and siltstone material is due to very fine-grained specular hematite grains.

There are 3 separate sections throughout this siltstone interval of massive sulphides. These massive sulphide units are characterized by the higher concentrations of specular hematite and pyrite.

At 97.4m a petrographic sample was taken. An interesting texture characterizes this area defined by quartz carbonate veining which seems to be associated with chalcopyrite mineralization. Petrographic analysis would be good for this specific sample to see how the veining and mineralization are associated, if at

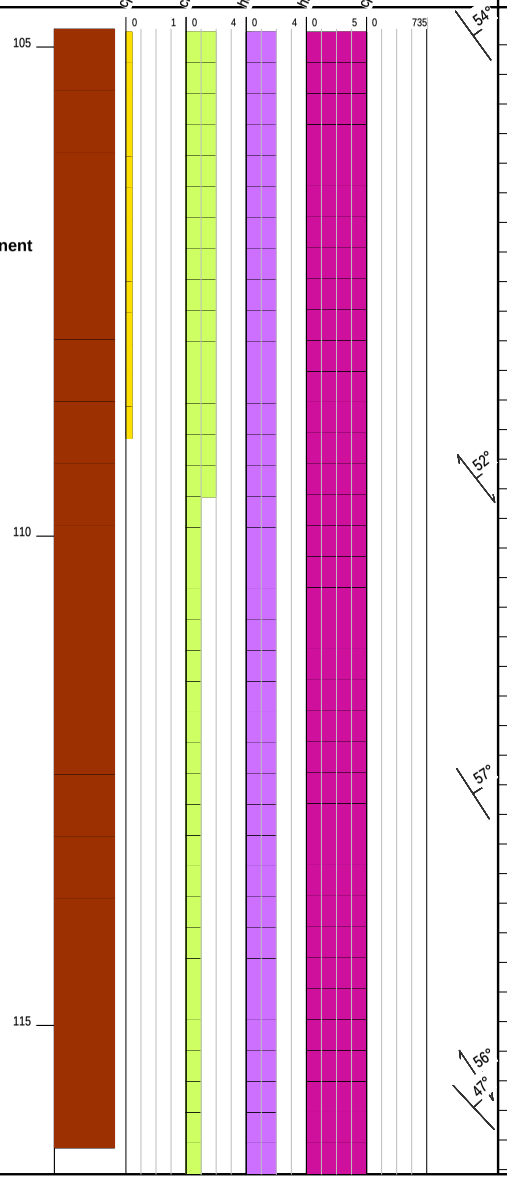


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
96.80	97.80	1.00	287678	0.005	0.08	313	6.2	9.12
97.80	99.00	1.20	287679	0.005	0.08	159	4.1	8.83
99.00	100.00	1.00	287680	-0.005	0.12	659	3.1	2.15
100.00	101.00	1.00	287681	-0.005	0.05	486	3.9	1.60
101.00	102.00	1.00	287682	0.005	0.06	13	8.2	4.99
102.00	103.00	1.00	287683	0.019	0.13	8	8.8	9.49
103.00	104.00	1.00	287685	0.005	0.05	1	6.0	5.88
104.00	105.00	1.00	287686	-0.005	0.05	11	8.8	2.61
105.00	106.00	1.00	287687	0.023	0.20	3300	4.3	13.80
106.00	108.00	2.00	287688	0.005	0.10	1435	2.0	4.37
108.00	110.00	2.00	287689	0.014	0.29	363	6.7	41.80
110.00	111.00	1.00	287690	0.014	0.19	29	3.9	11.00
111.00	111.50	0.50	287692	0.011	0.45	15	6.8	52.50
111.50	113.05	1.55	287693	0.011	0.19	21	4.0	20.60
113.05	113.30	0.25	287694	0.031	0.93	80	8.3	85.90
113.30	114.80	1.50	287695	0.008	0.22	63	6.6	21.40
114.80	115.20	0.40	287696	0.081	0.64	74	4.8	98.40
115.20	117.00	1.80	287697	0.020	0.52	60	6.2	59.20
117.00	119.00	2.00	287698	0.015	0.23	26	4.1	11.90
119.00	120.70	1.70	287699	0.010	0.29	46	5.9	14.80

Project: Werneckes

Hole Number: STM07-02

From	To	Rocktype & Description
		all.
		Alteration:
		« 97.00- 97.80 quartz carbonate 2*» a mottled, spotted texture characterizes the quartz/carbonate veining. It is likely that fluid movement through this area was pervasive rather than spotty and random which makes the more prominent stockwork veining characteristically seen throughout the remainder of this hole.
		« 96.80- 109.60 Chlorite 2*»
		« 109.60- 120.70 Chlorite 1.00*»
		« 96.80- 120.70 Silicification 1.00*»
		« 96.80- 109.60 Hematite 1.00-2.00*»
		« 109.60- 120.70 Hematite 2.00*»
		Mineralization:
		« 96.80- 109.00 Chalcopyrite 0.1% »
		« 105.00- 120.70 Pyrite 0.1- 3% » massive sulphide sections are 111.0-111.5m, 113.05- 113.3, 114.8- 115.2, and 116.3- 116.5. These sections have higher concentrations of pyrite at ~2-5%.
		« 96.80- 120.70 Specularite 0.1- 10% » massive sulphide sections are 111.0-111.5m, 113.05- 113.3, 114.8- 115.2, and 116.3- 116.5. These sections have higher concentrations of specular hematite with approximately 5-10%.
		Structure:
		< @ 100.70 foliation 48° >
		< @ 101.15 foliation 45° >
		< @ 102.50 bedding 43° >
		< @ 104.85 bedding 54° >
		< @ 109.40 foliation 52° >
		< @ 112.60 bedding 57° >
		< @ 115.50 foliation 56° >
		< @ 115.80 bedding 47° >
		< @ 120.20 bedding 50° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
120.70	122.00	mxHS

MASSIVE HEMATITE: black to purple coarse-grained unit. Interlayered with coarser grained clastic units. Clasts range from mm-size to ~1cm in diameter. Earthy hematite alteration within the clasts result in the purple colour. This interval is dominantly specular hematite (>50%) with approximately 10% pyrite.

Minor amounts of quartz/carbonate veining is present within this interval.

At 121.5 a petrographic sample was taken. Further inspection on the mineralogy and alteration within this massive hematite interval is desired.

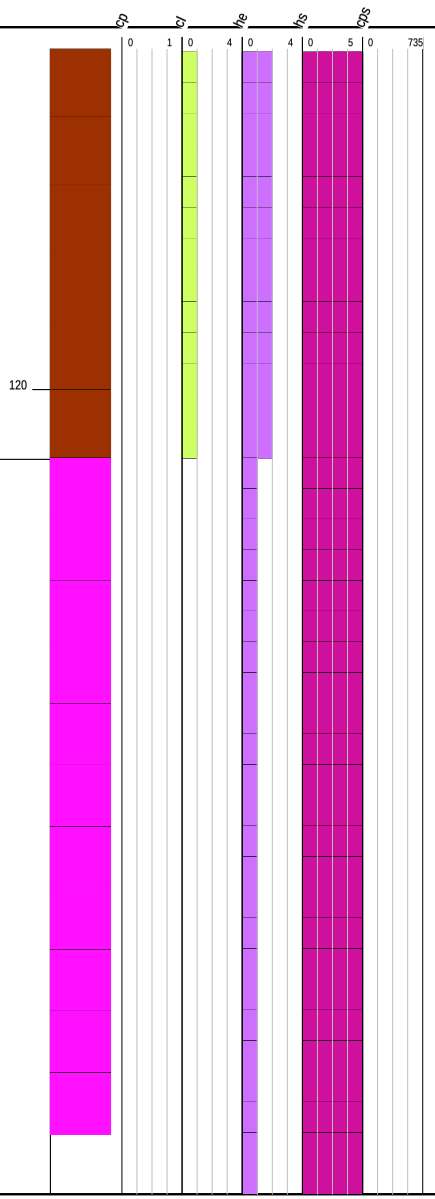
Alteration:

« 120.70- 121.10 Geothite 2*»
« 120.70- 122.00 Hematite 1*»

Mineralization:

« 120.7- 122.0 Pyrite 0.5- 10.0% »
« 120.7- 122.0 Specularite 10.0- 70.0% »

Structure:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
120.70	122.00	1.30	287700	0.051	2.36	652	12.9	186.00

Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
		< @ 121.60 foliation 41° >
122.00	141.30	slts

SILTSTONE: black to red/purple, laminations present defined by variable grain size. Beds are typically cm-scale. Unit is cut by a pervasive bedding concordant foliation. Coarser grained sandstone beds cut through interval and tend to be cm to ~1m in thickness. These coarser grained beds are characterized by red/purple stained clasts which are oriented in direction of foliation. These clasts range in size from mm to ~1cm in diameter and are sub-rounded to sub-angular.

Minor amounts (<0.5%) of white to red quartz/carbonate veining is seen within this interval. This veining tends to follow foliation but cross-cuts sporadically throughout. Based on a weak reaction to HCl, these veins are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting).

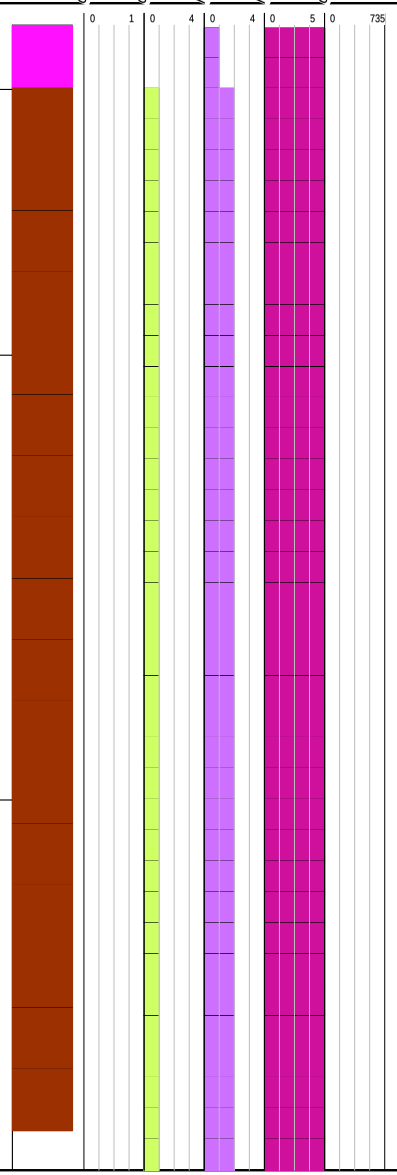
The pervasive purple colour throughout the coarser-grained matrix and siltstone material is due to very fine-grained specular hematite grains.

Alteration:

« 122.00- 138.00 Sericite 1.00* » sericite alteration is blebby and discontinuous and tends to follow foliation direction but also forms halos of alteration surrounding specular hematite beds.
« 122.00- 141.30 Silicification 1.00* »
« 122.0- 141.3 Hematite 1-2* »
« 122.0- 141.3 Chlorite 1* »

Mineralization:

« 122.0- 141.3 Specularite 0.5- 50.0% » beds of specular hematite are found scattered throughout this unit. These beds range in size from 1- 10cm in width and have up to 50-70% specular hematite concentrations. Some of these beds of specular hematite follow bedding direction but there are occurrences where they are blebby and discontinuous. This mineralization could be interpreted as being produced from fluid flow through the area and mineralizing coarser grained beds.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
122.00	124.00	2.00	287701	0.036	0.52	10	7.0	37.80
124.00	126.00	2.00	287702	0.037	0.33	15	6.6	29.30
126.00	128.00	2.00	287703	0.012	0.22	1	5.2	24.40
128.00	130.00	2.00	287704	0.027	0.31	1	5.0	29.00
130.00	132.00	2.00	287705	0.010	0.27	12	9.5	41.80
132.00	134.00	2.00	287706	0.005	0.34	24	6.2	18.80
134.00	136.00	2.00	287707	0.015	0.27	0	7.1	21.60
136.00	138.00	2.00	287708	0.011	0.21	6	15.8	24.20
138.00	140.00	2.00	287709	0.007	0.08	4	6.5	5.80
140.00	141.30	1.30	287710	0.010	0.13	16	9.8	6.99

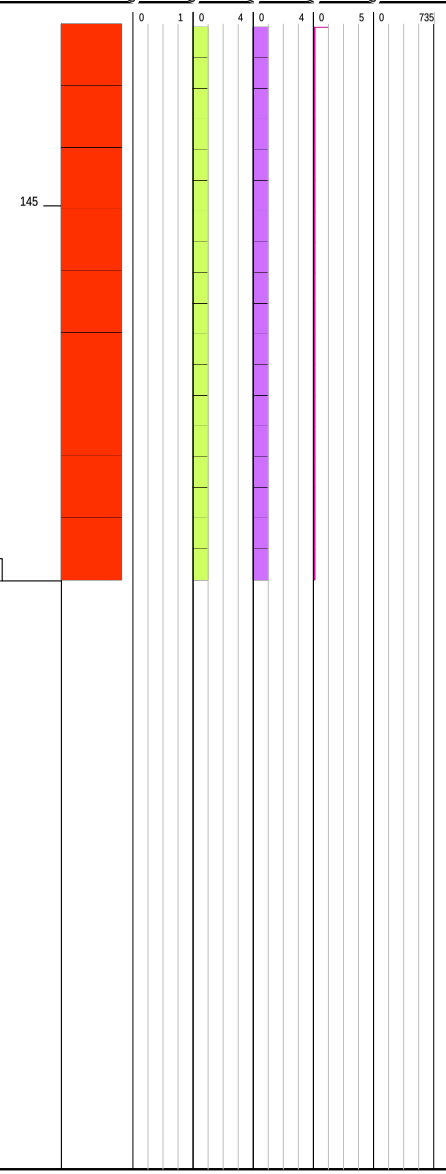
Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
		« 132.0- 141.3 Pyrite 0.1% »
		Structure:
		< @ 123.20 foliation 48° >
		< @ 123.70 foliation 44° >
		< @ 125.32 bedding 39° >
		< @ 135.25 bedding 50° >
		< @ 137.30 foliation 56° >
		< @ 137.60 foliation 65° >
141.30	147.00	bht
		HETEROLITHIC BRECCIA: black to red/purple heterolithic breccia of unknown origin (hydrothermal or sedimentary?). The breccia unit is interlayered/interbedded with siltstone units. Throughout this interval are cm-scale siltstone beds interlayered within the breccia. The breccia matrix comprises, in order of abundance, specular hematite, chlorite, and quartz(?). The pervasive purple colour is due to very fine-grained specular hematite grains.
		Clast size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Some larger clasts show strain shadows in direction of foliation. Clasts are red to purple in colour due to earthy hematite alteration.
		1.0- 20% of ragged, discontinuous veining is present throughout this interval on mm to 1cm-scale. Based on slight reactions to HCL, these veins are likely dolomite. The colour of these veins vary from white to red depending on degree of earthy hematite alteration. These veins tend to not follow direction of

From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
141.30	143.00	1.70	287711	0.009	0.07	19	5.5	4.36
143.00	145.00	2.00	287712	0.005	0.08	7	4.6	3.26
145.00	147.00	2.00	287713	0.009	0.10	6	5.0	3.37

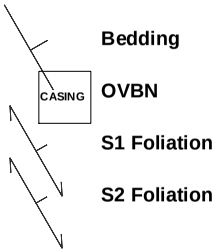
Project: Werneckes **Hole Number:** STM07-02

From	To	Rocktype & Description
		foliation
		Alteration:
		« 141.3- 147.0 Silicification 1.00* » « Chlorite 1.00*» « Hematite 1.00*»
		Mineralization:
		« 141.30- 147.00 Pyrite 0.1% » « Specularite 0.1% »
		Structure:
		< @ 142.80 foliation 61.00° >
		< @ 147.00 EOH >
147.00	147.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bht

mts

mxHS

slts

sst

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1542.0
Hole STM07-03	**Azimuth (º):** 70.0
Location: 7206058 m North, 527910 m East	**Dip (º):** -70.0
Logged by: H. Jaggard	**Length (m):** 176.00
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/30 **Date Completed:** 2007/09/02	
Dip Tests By: Flexit	
Objective To test the MDV zone 50m to the south of STM07-01 and STM07-02.	

Summary Log:

Significant mineralization: URANIUM: @120-130.7m 200-220cps, @131.4-131.8m 200-250cps, @132-136m 140-170cps

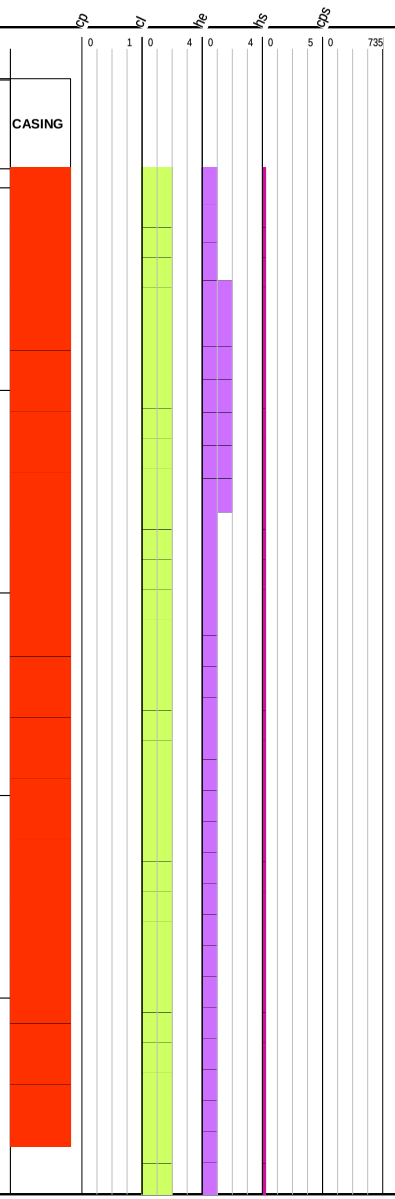
0-4.5 m CASING: no core recovered
4.5-106.6 m SILTSTONE and HETEROLITHIC BRECCIA (slts, bht) interbedded. Dark green to purple depending on he and cl alteration. Quartz carbonate veinlets cut interval. HS 0.1-0.25%, MC 0.1%, CP 0.1%, PY 0.1-0.5%.
106.6-109.85 m MASSIVE HEMATITE (mxHS): black to purple coarse grained unit interlayered with coarse clastics. HS 50-70%
109.85-130.20 m METASOMATISED SEDIMENTS (mts): red to purple. Patchy and discontinuous texture similar to "zebra texture" of similar mineralized zones. A massive sulphide unit 25cm thick found within interval. U MINERALIZATION. HS 0.1-30%, PY 1.0-5.0%
130.2-131.4 m MASSIVE HEMATITE (mxHS): U MINERALIZATION.
131.4-132.0 m METASOMATISED SEDIMENTS (mts): same description as above without the massive sulphide unit. U MINERALIZATION. HS 0.1-0.5%
132.0-136.0 m METASOMATISED BRECCIA (bhtc): black to red/purple. sMS. U MINERALIZATION.
136.0-144.6 m SILTSTONE (slts): dark purple-red sediments of variable grain size defining laminations throughout unit. Minor qz-cb veins. HS 0.1-10.0%, CP 0.1-0.25%
144.6-176.0 m HETEROLITHIC BRECCIA (bht): dark green to purple-red. Interbedded with siltstone units. Quartz carbonate veinlets cut the interval. Metasomatised sections of breccia are characterised by intense sericite alteration, fissile rock, and clasts showing strain shadows in direction of shear. Shear zone from 164-172m. CP 0.1-0.25%, HS 0.1-0.5%, PY 0.1%

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	70.00
57.00	-69.00	74.20
106.00	-68.30	76.00
157.00	-67.80	77.20

Project: Werneckes **Hole Number:** STM07-03

From	To	Rocktype & Description
0.00	4.50	OVBN CASING: no core recovered
4.50	49.80	bht HETEROLITHIC BRECCIA: dark green to purple-red depending on degree of chlorite and earthy hematite alteration. The breccia unit is interlayered/interbedded with siltstone units. Foliation/bedding direction is evident from preferred orientation of clasts. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Breccia is primarily clast supported but is matrix supported on smaller cm-scale layers. The fine grained matrix comprises chlorite, specular hematite, calcite and quartz(?). According to Thorkelson's mapping of the Wernecke Breccia in this area, feldspar's occupy a percentage of the matrix. The alteration of these rocks make it difficult to discern specific abundances. Varying occurrences (1- 10%) of white to brick red ragged, discontinuous, irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). Likely Wernecke Breccia based on previous mapping of the area. Alteration: « 4.50- 7.30 Hematite 1.00*»« 7.30- 13.00 Hematite 2*»« 13.00- 41.50 Hematite 1.00*» « 41.50- 44.60 Hematite 1*»« 44.60- 49.80 Hematite 1.00*» The degree of earthy hematite staining varies throughout this interval. Colour changes from black/green to a purple/red during stronger earthy hematite alteration. « 4.50- 49.80 Chlorite 1.00-2.00*» There is a varying degree of chlorite alteration throughout this interval. Shear zones have a higher concentration of chlorite. « 4.5- 49.80 Silicification 1.00*» Mineralization:

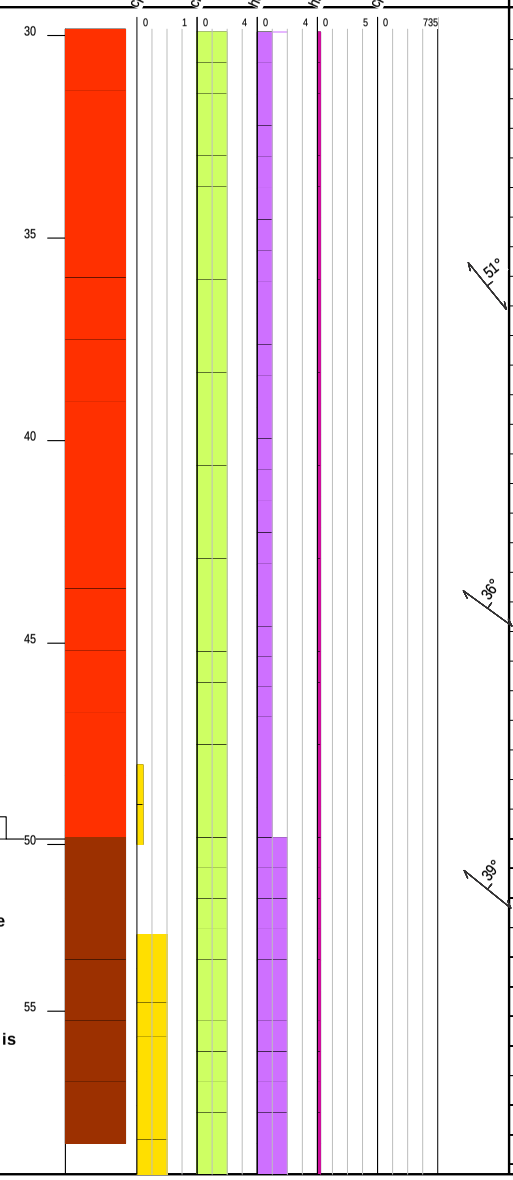


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
4.50	7.50	3.00	287714	0.006	0.10	12	4.2	1.87
7.50	9.50	2.00	287715	0.008	0.15	190	3.3	1.66
9.50	11.50	2.00	287716	0.008	0.10	1040	2.9	1.45
11.50	13.50	2.00	287717	-0.005	0.07	442	3.4	3.18
13.50	15.50	2.00	287718	0.026	0.15	81	5.0	7.99
15.50	17.50	2.00	287719	0.022	0.33	221	5.1	33.00
17.50	19.50	2.00	287720	0.033	0.25	586	9.8	15.90
19.50	21.50	2.00	287721	-0.005	0.57	170	5.8	10.20
21.50	23.50	2.00	287722	0.019	0.07	46	8.1	6.02
23.50	25.50	2.00	287723	0.013	0.16	414	8.1	11.20
25.50	27.50	2.00	287724	0.058	1.39	2390	8.4	16.15
27.50	29.50	2.00	287725	0.020	0.72	1170	5.7	12.80
29.50	31.50	2.00	287726	0.005	0.06	55	4.6	5.74
31.50	33.50	2.00	287727	0.009	0.12	20	4.5	6.46
33.50	35.50	2.00	287728	-0.005	0.05	21	3.8	3.33
35.50	37.50	2.00	287729	0.016	0.11	19	4.5	6.40
37.50	39.50	2.00	287730	0.008	0.06	11	6.1	2.64
39.50	41.50	2.00	287731	0.016	0.17	134	7.8	20.50
41.50	43.00	1.50	287732	0.017	0.26	456	9.7	30.50
43.00	44.50	1.50	287733	0.039	0.16	356	5.9	14.15
44.50	45.50	1.00	287735	0.006	0.06	53	5.5	3.23
45.50	47.50	2.00	287736	0.137	0.61	142	3.5	4.98
47.50	49.80	2.30	287737	0.007	0.07	1380	5.0	7.29

36° 41° 50° 47°

Project: Werneckes **Hole Number:** STM07-03

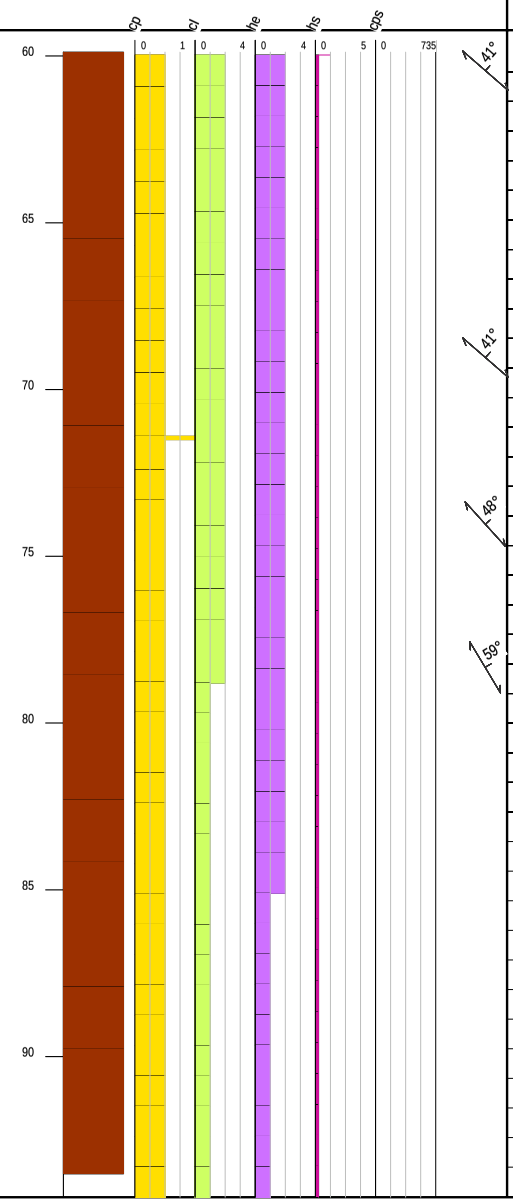
From	To	Rocktype & Description
		« 4.50- 49.80 Specularite 0.1- 0.25% »
		« 9.00- 13.50 Malachite 0.1% » « 26.0- 26.50 Malachite 0.1% »
		« 48.00- 50.00 Chalcopyrite 0.1% »
		Structure:
		< @ 4.60 foliation 36° >
		< @ 8.10 foliation 41° >
		< @ 12.90 foliation 50° >
		< @ 14.80 foliation 47° >
		« 39.90- 45.00 fault zone » moderate to intense chlorite alteration, low rock recovery. Massive amounts of fluid flow through the area. Presence of oxides, intensely fragmented and altered rock. Bedding non existent and foliation difficult to discern.
		< @ 36.15 foliation 51° >
		< @ 44.10 foliation 36° >
49.80	106.60	slts
		SILTSTONE: dark green to purple depending on degree of chlorite or earthy hematite alteration. Some laminations present defined by variable grain size (some fine sandstone layers). Within the fine sandstone layers, some mm-scale hematite altered clasts are present. Siltstone is very fine-grained and altered.
		Minor amounts (<1%- 5%) of white patchy, discontinuous veins and stockwork is present throughout this interval. Some larger veins ~1cm in width follow foliation direction but most are irregular and cross cut foliation. Based on a weak reaction to HCl, these are likely dolomite.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
49.80	51.50	1.70	287738	-0.005	0.04	153	3.0	5.72
51.50	54.00	2.50	287739	-0.005	0.04	575	1.3	4.32
54.00	56.00	2.00	287740	0.005	0.04	122	0.5	1.86
56.00	58.00	2.00	287741	-0.005	0.03	51	0.5	0.90
58.00	58.00	0.00	287742					
58.00	60.00	2.00	287743	-0.005	0.03	35	1.4	1.38
60.00	62.00	2.00	287744	-0.005	0.03	9	0.6	1.12
62.00	64.00	2.00	287745	-0.005	0.02	76	0.6	1.04
64.00	66.00	2.00	287746	-0.005	0.07	541	0.9	2.61
66.00	68.60	2.60	287748	-0.005	0.02	273	3.1	2.65
68.60	71.00	2.40	287749	0.006	0.04	116	4.5	4.56
71.00	71.60	0.60	287750	0.020	0.14	3050	4.1	7.90

Project: Werneckes **Hole Number:** STM07-03

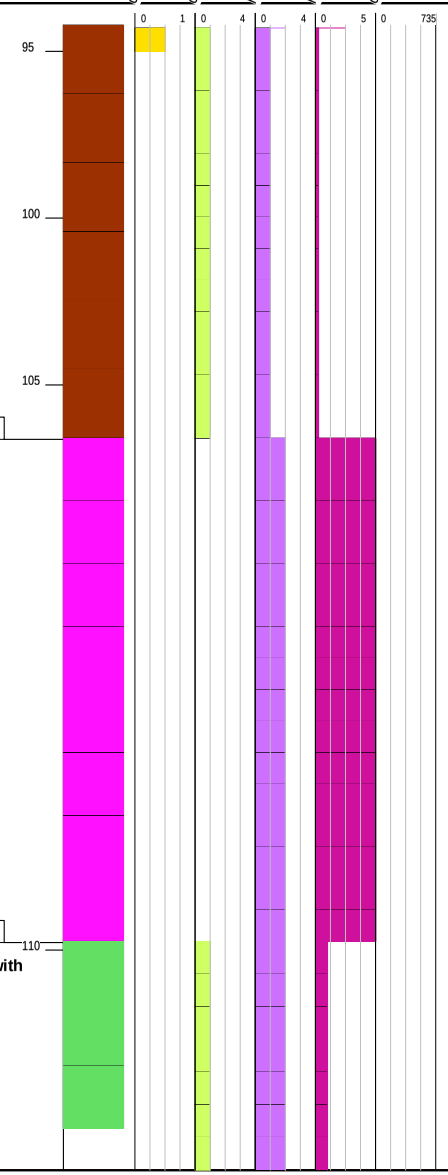
From	To	Rocktype & Description
		There are 3 separate fault zones indicated within this interval. The third, and deepest, fault zone found at approximately 98m is the thickest fault zone at ~6m.
		Alteration:
		« 49.80- 78.80 Chlorite 2*»
		« 78.80- 106.60 Chlorite 1*»
		« 49.80- 83.90 Hematite 2*»
		« 83.90- 85.10 Hematite 2*»
		« 85.10- 106.60 Hematite 1*»
		« 49.80- 106.60 Silicification 1*»
		« 49.80- 98.20 Geothite 1*»
		« 98.20- 106.60 Geothite 2*»
		« 82.00- 83.50 Sericite 1*»
		Mineralization:
		« 52.00- 54.00 Malachite 0.10% »
		« 52.70- 95.00 Chalcopyrite 0.10- 0.50% »
		« 49.80- 106.60 Specularite 0.1- 0.25% »
		« 85.10- 86.10 Pyrite 0.1- 0.5% »
		« 71.40- 71.50 Chalcopyrite 0.50-1.00%» copper enriched vein
		« 71.4- 71.5 Chalcocite 1.00% » copper enriched vein
		< @ 71.40 Malachite 0.1% > copper enriched vein
		Structure:
		< @ 51.30 foliation 39° >
		< @ 60.40 foliation 41 deg. >
		< @ 69.00 foliation 41° >
		< @ 74.00 foliation 48° >
		< @ 78.30 foliation 59° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
71.60	72.60	1.00	287751	0.006	0.04	186	4.1	3.84
72.60	74.30	1.70	287752	0.041	0.05	207	4.6	4.60
74.30	75.60	1.30	287753	0.009	0.12	155	4.1	4.95
75.60	76.60	1.00	287755					
76.60	78.80	2.20	287756	-0.005	0.06	202	3.0	4.07
78.80	79.80	1.00	287757	0.024	0.09	1645	4.3	2.05
79.80	81.00	1.20	287758	0.007	0.10	167	4.0	3.67
81.00	82.60	1.60	287759	-0.005	0.07	44	6.3	8.98
82.60	84.00	1.40	287760	0.009	0.35	37	6.2	38.30
84.00	85.10	1.10	287761	0.006	0.09	17	6.0	4.92
85.10	86.10	1.00	287762	0.049	1.17	41	2.9	124.00
86.10	87.50	1.40	287763	-0.005	0.05	10	5.2	14.50
87.50	88.90	1.40	287764	-0.005	0.23	13	6.4	19.20
88.90	91.20	2.30	287766	-0.005	0.14	17	5.8	16.90
91.20	92.50	1.30	287767	-0.005	0.05	5	5.1	6.59
92.50	94.50	2.00	287768	-0.005	0.06	3	4.8	8.18
94.50	96.50	2.00	287769	-0.005	0.05	4	5.7	10.10
96.50	97.90	1.40	287770	-0.005	0.05	2	5.5	12.60
97.90	99.00	1.10	287771	-0.005	0.21	101	7.7	30.30
99.00	100.00	1.00	287772	-0.005	0.20	74	12.7	57.80
100.00	101.00	1.00	287773	0.015	0.14	153	14.3	66.80
101.00	102.00	1.00	287774	-0.005	0.02	43	7.1	7.70
102.00	102.90	0.90	287775	-0.005	0.18	45	12.1	43.80
102.90	104.40	1.50	287776	-0.005	0.10	19	17.1	23.60
104.40	105.50	1.10	287777	0.018	0.74	271	23.0	144.50
105.50	106.60	1.10	287778	0.016	0.63	72	14.0	280.00

Project: Werneckes **Hole Number:** STM07-03

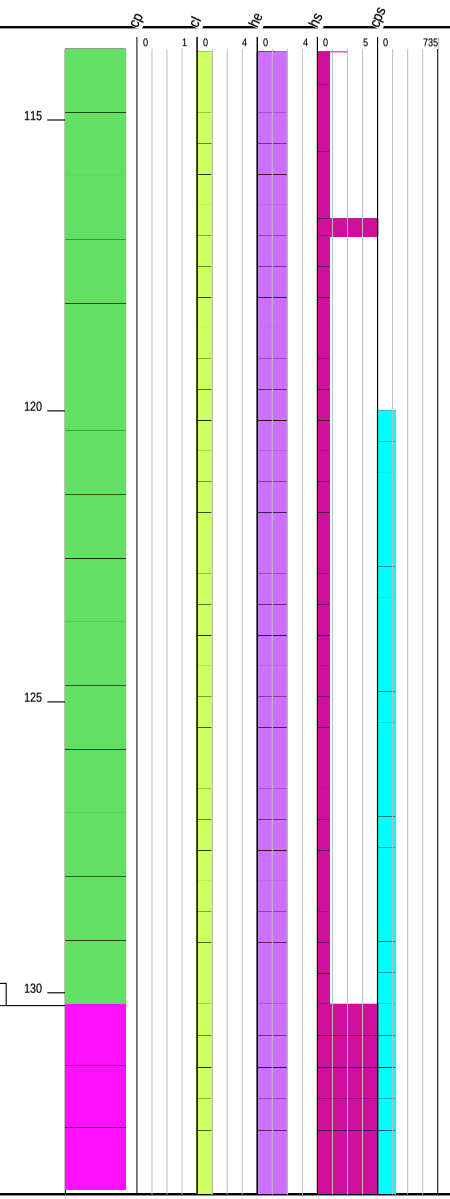
From	To	Rocktype & Description
		< @ 105.10 foliation 57 deg. >
		« 74.30- 75.00 fault zone » brittle , strong chlorite alteration
		« 80.80- 83.90 fault zone » oxidized, secondary geothite alteration, brittle
		« 98.20- 106.50 fault zone » highly altered, oxidized, brittle zone.
106.60	109.85	mxHS
		MASSIVE HEMATITE: black to purple coarse grained unit. Interlayered with coarser grained clastic units. Clasts range from mm-size to ~2cm in diameter. Dominantly specular hematite present throughout this unit. Earthy hematite alteration within clasts result in their red-purple colour. The pervasive purple colour present throughout the unit is due to the high concentration of specular hematite.
		Alteration:
		« 106.6- 109.85 Geothite 1.00*» replacement of pyrite
		« 106.6- 109.85 Hematite 1.00-2.00*»
		Mineralization:
		« Specularite 50-70%»
		Structure: little to no discernable structures within this interval
109.85	130.20	mts
		METASOMATISED SEDIMENTS: red to purple, fine-grained altered sediments with locally well developed fabric (cleavage?). Primary bedding difficult to recognize due to extensive alteration. Purple/red colour due to earthy hematite alteration found throughout
		Patchy and discontinuous striped texture similar to zebra texture of mineralized zones, but more brick-red in color.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
106.60	108.00	1.40	287779	0.007	0.46	68	12.6	87.80
108.00	109.85	1.85	287781	0.020	0.68	13	5.7	106.50
109.85	110.60	0.75	287782	0.019	0.44	8	5.9	146.50
110.60	113.00	2.40	287783	-0.005	0.08	2	3.9	15.70
113.00	115.00	2.00	287784	0.013	0.07	2	9.5	8.32
115.00	116.30	1.30	287785	0.019	0.26	18	9.2	71.40
116.30	117.20	0.90	287786	0.016	0.64	39	10.5	62.30
117.20	118.50	1.30	287787	0.006	0.27	12	6.2	39.90
118.50	120.00	1.50	287788	0.051	0.54	7	15.7	38.30
120.00	120.75	0.75	287789	0.006	0.56	8	22.3	22.30

Project: Werneckes **Hole Number:** STM07-03

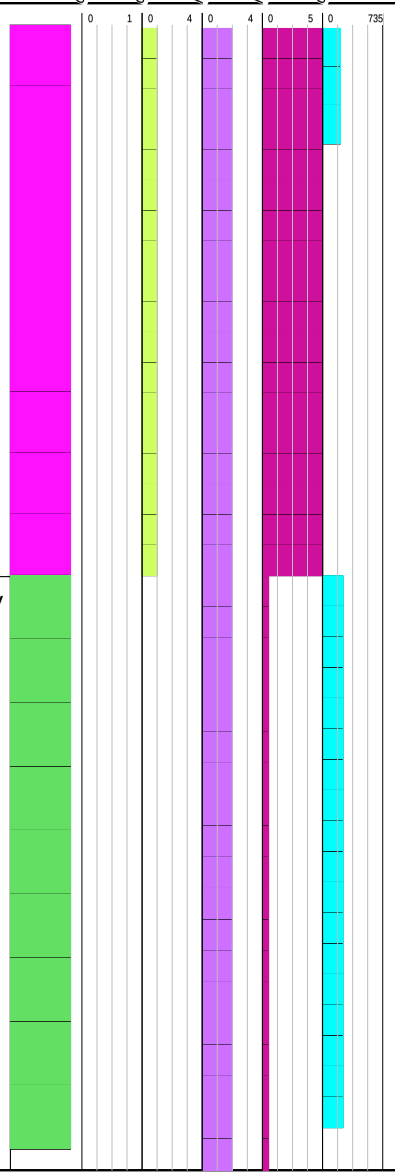
From	To	Rocktype & Description
		Minor amounts (0.1- 2%) of veining is found within this interval. Slight reaction to HCL likely makes these veins dolomite.
		A massive sulphide unit 25cm in thickness is present within this interval.
		Alteration:
		« 109.85- 117.20 Sericite 1* »
		« 117.20- 119.40 Sericite 2-3*»
		« 119.40- 130.20 Sericite 1*»
		« 109.85- 130.20 Hematite 1.00-2.00*»« Silicification 1.00*» « Chlorite 1.00*»
		Mineralization:
		« 120.00- 130.70 uranium mineralization 200-220 cps »
		< @ 127.50 uranium mineralization 246 cps >
		« 109.85- 130.20 Specularite 0.10-1.00%»
		« 116.70- 117.00 Specularite 10.00-30.00%»« Pyrite 1.00-5.00%» massive sulphide section
		Structure: very difficult to identify due to strong alteration
		< @ 113.20 foliation 52° >
130.20	131.40	mxHS
		MASSIVE HEMATITE: black to purple coarse-grained unit. Interlayered with coarser grained clastic units. Clasts range from mm-size to ~2cm in diameter. Dominantly specular hematite throughout this unit. Earthy hematite alteration within the clasts result in their red-purple colour. The pervasive purple colour throughout the unit is due to the high concentration of specular hematite.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
120.75	121.50	0.75	287790	-0.005	0.50	5	56.2	20.20
121.50	123.00	1.50	287791	-0.005	0.38	4	45.2	19.20
123.00	124.00	1.00	287792	-0.005	0.32	9	25.6	16.80
124.00	125.00	1.00	287793	0.007	0.43	6	31.4	15.80
125.00	125.75	0.75	287794	-0.005	0.27	4	13.7	11.95
125.75	126.50	0.75	287795	0.024	0.14	8	19.6	12.70
126.50	127.25	0.75	287796	-0.005	1.04	9	25.1	13.35
127.25	127.75	0.50	287797	-0.005	0.21	60	49.8	17.65
127.75	128.50	0.75	287798	0.028	0.53	29	84.2	33.20
128.50	129.50	1.00	287799	0.023	0.42	8	85.6	27.50
129.50	130.20	0.70	287800	0.016	0.58	158	95.0	32.20
130.20	130.70	0.50	287801	0.007	0.33	5	13.2	43.40
130.70	131.40	0.70	287802	0.008	0.38	9	9.7	41.10

Project: Werneckes **Hole Number:** STM07-03

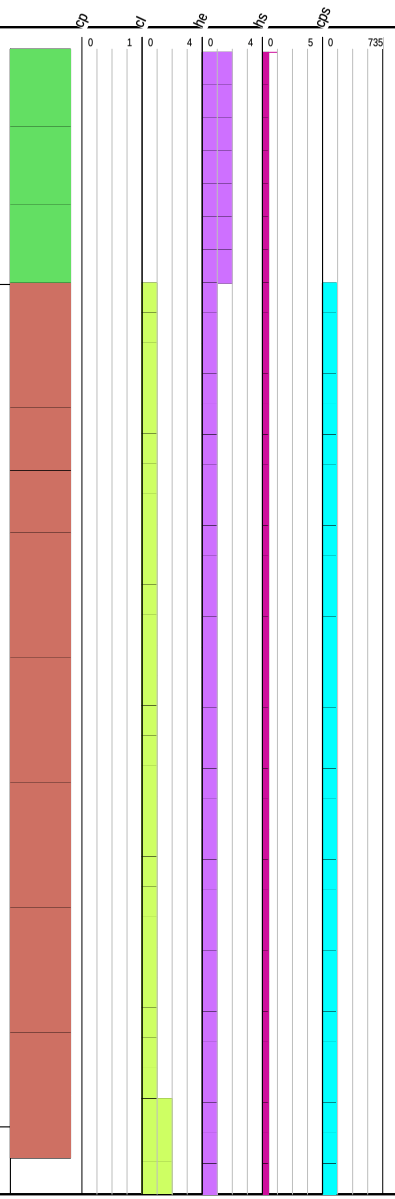
From	To	Rocktype & Description
		Alteration: « 130.2- 131.4 Chlorite 1*» « Silicification 1*» « Hematite 1.00-2.00*» « Sericite 1.00*» « Geothite 1.00*» Mineralization: « 130.2- 131.4 Specularite 50.00-75.00% » « 130.20- 130.70 uranium mineralization 200-220 cps » « 130.20- 131.40 Pyrite 1.00-3.00%» Structure: foliation barely identifiable throughout interval. < @ 131.30 foliation 52.00° >
131.40	132.00	mts METASOMATISED SEDIMENTS: red to purple, fine-grained altered sediments. Primary bedding difficult to recognize due to extensive alteration. Orientation of sericite altered veins(?) somewhat defines a foliation Purple/red colour due to earthy hematite alteration found throughout Patchy and discontinuous striped texture, referred to as zebra texture of similar mineralized zones. Patchy brick-red color present throughout interval is due to earthy hematite alteration. Alteration: « 131.4- 132.0 Sericite 1*» « Hematite 1.00-2.00*» « Silicification 1.00*» Mineralization: « 131.40- 131.80 uranium mineralization 200-250 cps » « 131.40- 132.00 Specularite 0.10-0.50% »



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
131.40	132.00	0.60	287803	0.011	0.52	17	118.5	40.50

Project: Werneckes **Hole Number:** STM07-03

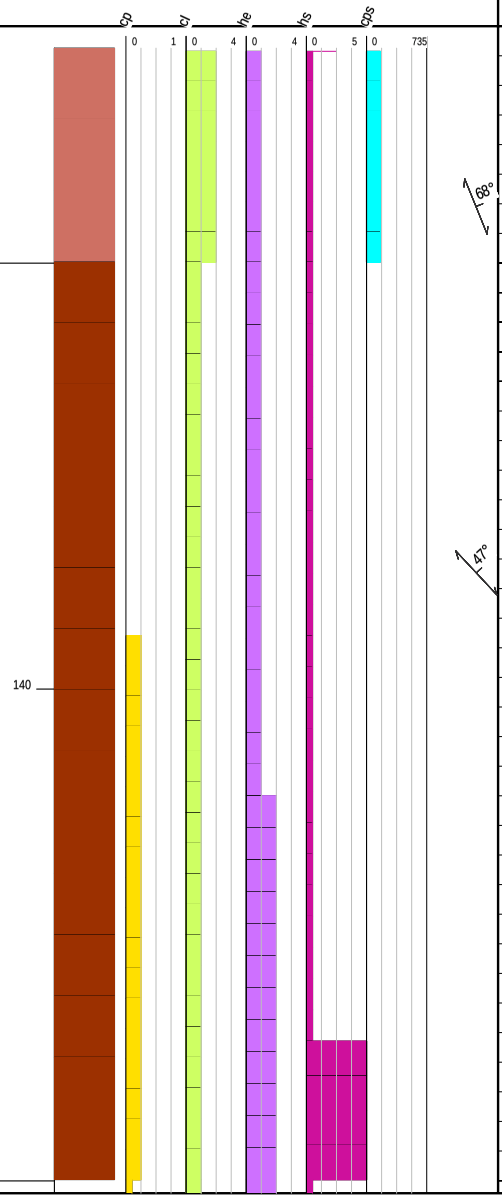
From	To	Rocktype & Description
		Structure:
		< @ 131.65 foliation 53.00° >
132.00	136.00	bhtc
		METASOMATISED BRECCIA: black to red/purple. Moderately to intensely altered breccia unit. Clasts range in size from mm-scale to ~8cm in diameter and are sub-rounded to sub-angular. Clasts tend to be aligned and strained in direction of foliation/strain. Clasts are red to purple in colour due to earthy hematite alteration.
		From 134.9 to 136.0m is an area of intense strain. Sericite alteration is intense and all clasts are aligned in direction of strain.
		Protolithic breccia is likely Wernecke Breccia.
		Alteration:
		« 132.00- 134.90 Sericite 1*»
		« 134.90- 136.00 Sericite 3*»
		« 132.00- 134.90 Chlorite 1*»
		« 134.90- 136.00 Chlorite 2*»
		« 132.00- 136.00 Silicification 1*»
		« 132.00- 136.00 Hematite 1*»
		Mineralization:
		« 132.00- 136.00 Specularite 0.1- 0.5% »
		« 132.0- 136.0 uranium mineralization 140-170 cps »
		Structure:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
132.00	133.00	1.00	287804	-0.005	0.11	3	8.7	4.03
133.00	134.00	1.00	287805	-0.005	0.05	1	7.1	3.17
134.00	136.00	2.00	287806	-0.005	0.16	6	12.6	5.91

Project: Werneckes **Hole Number:** STM07-03

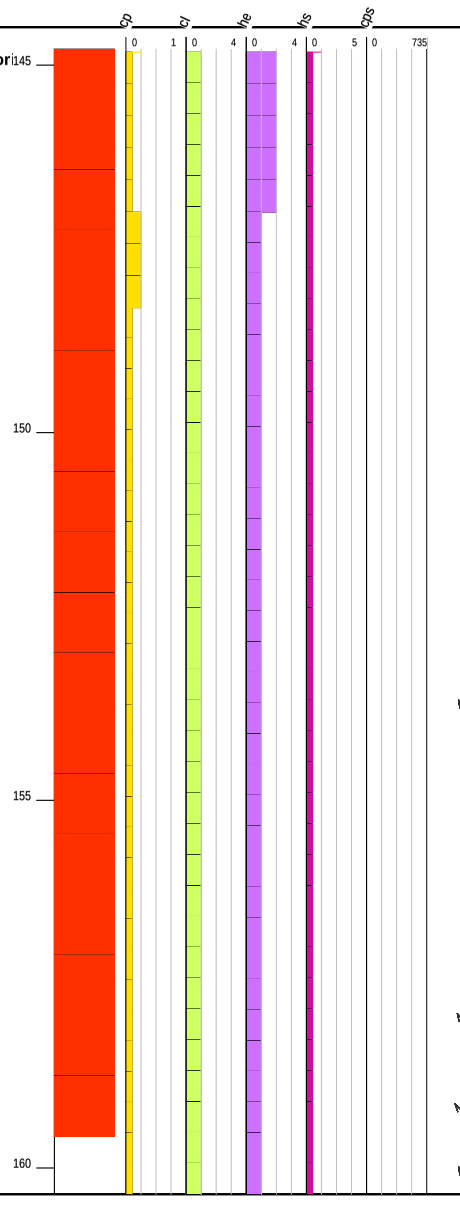
From	To	Rocktype	& Description
			< @ 134.05 foliation 65° >
			< @ 135.80 foliation 68° >
136.00	144.60	slts	SILTSTONE: dark purple-red fine-grained sediments. Minor laminations present defined by variable grain size and degree of earthy hematite alteration within beds. Within the fine sediment, some mm-scale hematite altered clasts are present. Minor amounts (<1%- 2%) of white veins present throughout this interval. Some larger veins ~1cm in width follow foliation direction but most are irregular and cross cut foliation. Based on a weak reaction to HCl, these are likely quartz-dolomite. Alteration: « 136.0- 144.60 Geothite 1.00*» « Silicification 1.00*» « 136.00- 141.00 Hematite 1.00*» « 141.00- 144.60 Hematite 2.00*» « 136.00- 144.60 Chlorite 1.00*» « 139.35- 139.90 textured carbonate alteration » mm-scale speckled Mineralization: « 136.00- 143.30 Specularite 0.10-0.50%» « 143.30- 144.60 Specularite 0.50-10.00%» « 139.50- 144.60 Chalcopyrite 0.10-0.25%» Structure: < @ 138.90 foliation 47° >
144.60	176.00	bht	



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
136.00	138.00	2.00	287807	0.005	0.19	18	10.2	14.65
138.00	140.00	2.00	287808	0.014	0.08	80	12.1	4.47
140.00	142.00	2.00	287809	0.088	0.11	166	9.9	8.64
142.00	143.90	1.90	287810	0.029	0.11	521	11.4	4.20
143.90	144.60	0.70	287811	0.052	0.26	507	19.2	3.31
144.60	146.00	1.40	287812	0.022	0.10	260	6.1	2.66

Project: Werneckes **Hole Number:** STM07-03

From	To	Rocktype & Description
		HETEROLITHIC BRECCIA: dark green to purple-red depending on degree of chlor
		and earthy hematite alteration. The breccia unit is interlayered/interbedded
		with siltstone units. Foliation/bedding direction is evident from preferred
		orientation of clasts as well as colour change between beds. Clasts size ranges
		from mm-scale up to 10cm in diameter with sub-rounded to angular clasts.
		Breccia is primarily clast supported but is matrix supported on smaller
		cm-scale layers. The fine grained matrix comprises chlorite, specular hematite,
		calcite and quartz(?). According to Thorkelson's mapping of the Wernecke
		Breccia in this area, feldspar's occupy a percentage of the matrix. The
		alteration of these rocks make it difficult to discern specific abundances.
		Varying occurrences (1- 10%) of white to brick red ragged, discontinuous,
		irregular veinlets and stockwork cement cut the interval. Based on a weak
		reaction to HCl, these are likely dolomite. The brick red veins also show the
		same reaction with acid so these are likley carbonate veins with earthy
		hematite within mineral cleavage planes (hematite dusting).
		Metasomatised sections of breccia are present within this interval . These
		meta-breccia sections show intense sericite alteration and clasts show strain
		shadows in direction of shear.
		Alteration:
		« 144.60- 150.20 Silicification 2.00*»
		« 150.20- 162.30 Silicification 1.00*»
		« 162.30- 172.50 Silicification 2.00*»
		« 172.50- 176.00 Silicification 1.00*»
		« 144.60- 155.80 Sericite 1.00*»
		« 155.80- 159.40 Sericite 2.00*»
		« 159.40- 163.00 Sericite 1.00*»
		« 163.00- 172.00 Sericite 2.00*»
		« 172.00- 176.00 Sericite 1.00*»
		« 144.60- 176.00 Chlorite 1.00*»
		« 144.60- 147.00 Hematite 2.00*»
		« 147.00- 176.00 Hematite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
146.00	147.00	1.00	287813	-0.005	0.11	753	4.8	1.98
147.00	148.50	1.50	287814	0.102	0.77	3260	15.0	9.44
148.50	150.00	1.50	287815	0.006	0.19	86	19.5	12.15
150.00	151.50	1.50	287816	0.036	0.16	86	9.0	5.60
151.50	153.00	1.50	287817	-0.005	0.08	45	40.2	5.68
153.00	155.00	2.00	287818	0.010	0.19	4	16.7	12.80
155.00	157.00	2.00	287819	0.017	0.23	26	11.5	9.35
157.00	159.00	2.00	287820	0.014	0.33	160	12.8	12.45
159.00	161.00	2.00	287821	-0.005	0.20	105	14.3	6.66
161.00	163.00	2.00	287822	-0.005	0.15	13	13.8	7.18
163.00	164.00	1.00	287824	0.012	0.49	113	8.5	14.95
164.00	165.50	1.50	287825	-0.005	0.17	14	10.0	20.50
165.50	167.00	1.50	287826	-0.005	0.11	5	11.6	7.94
167.00	168.50	1.50	287827	-0.005	0.09	6	10.3	7.23
168.50	169.50	1.00	287828	-0.005	0.06	35	10.6	3.95
169.50	170.50	1.00	287829	-0.005	0.06	34	11.1	6.85
170.50	171.80	1.30	287830	0.020	0.15	8	10.9	12.00
171.80	172.80	1.00	287831	-0.005	0.25	231	18.4	3.70
172.80	174.50	1.70	287833	0.005	0.12	129	13.7	2.39
174.50	176.00	1.50	287834	-0.005	0.25	31	8.1	4.69

Project: Werneckes **Hole Number:** STM07-03

From	To	Rocktype & Description

Mineralization:

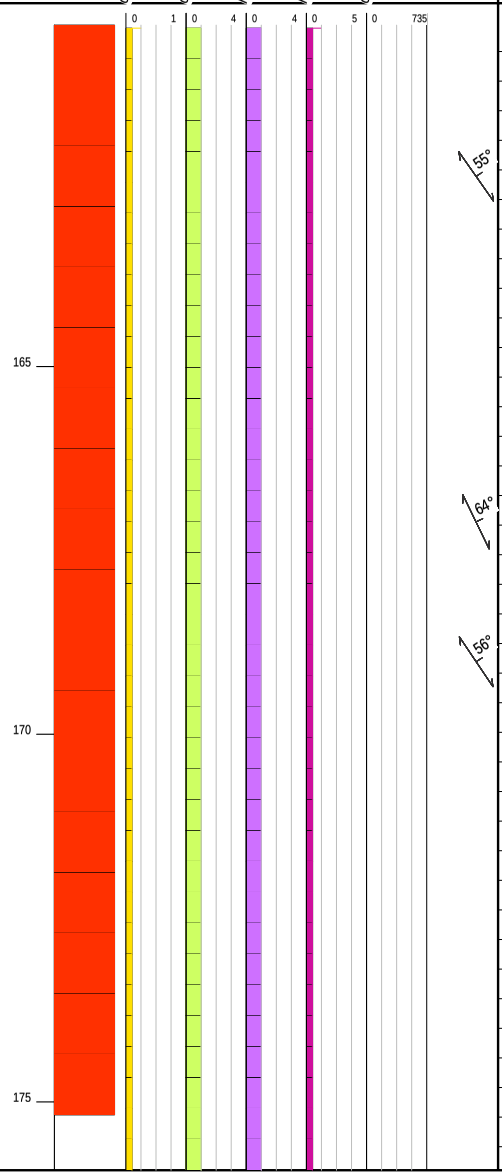
« 144.60- 147.00 Chalcopyrite 0.1 % »
« 147.00- 148.30 Chalcopyrite 0.25% »
« 148.30- 176.00 Chalcopyrite 0.1% »
« 144.60- 176.00 Specularite 0.1- 0.5% »
« 173.00- 174.00 Pyrite 0.1% »

Structure:

< @ 146.90 foliation 59.00° >
< @ 153.95 foliation 54.00° >
< @ 158.20 foliation 51.00° >
< @ 159.40 foliation 45.00° >
< @ 160.30 foliation 54.00° >
< @ 162.40 foliation 55.00° >
< @ 167.10 foliation 64.00° >
< @ 169.00 foliation 56.00° >

« 150.45- 150.80 quartz vein »
« 164.00- 164.30 shear zone »
« 167.20- 168.50 shear zone »
« 169.80- 170.10 shear zone »
« 171.70- 172.00 shear zone »

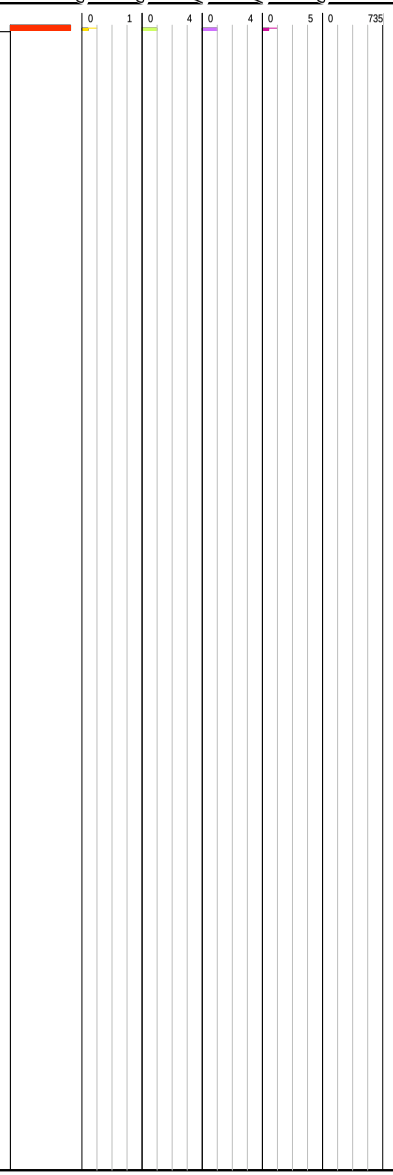
< @ 176.00 EOH >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

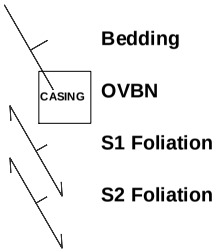
Project: Werneckes **Hole Number:** STM07-03

From	To	Rocktype & Description
176.00	176.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bht

bhtc

mts

mxHS

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1542.0
Hole STM07-04	**Azimuth (º):** 70.0
Location: 7206058 m North, 527910 m East	**Dip (º):** -50.0
Logged by: H. Jaggard	**Length (m):** 165.00
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/03 **Date Completed:** 2007/09/06	
Dip Tests By: Flexit	
Objective To test the MDV Zone 50m to the south of STM07-01 and STM07-02, but at a shallower angle than STM07-03.	

Summary Log:

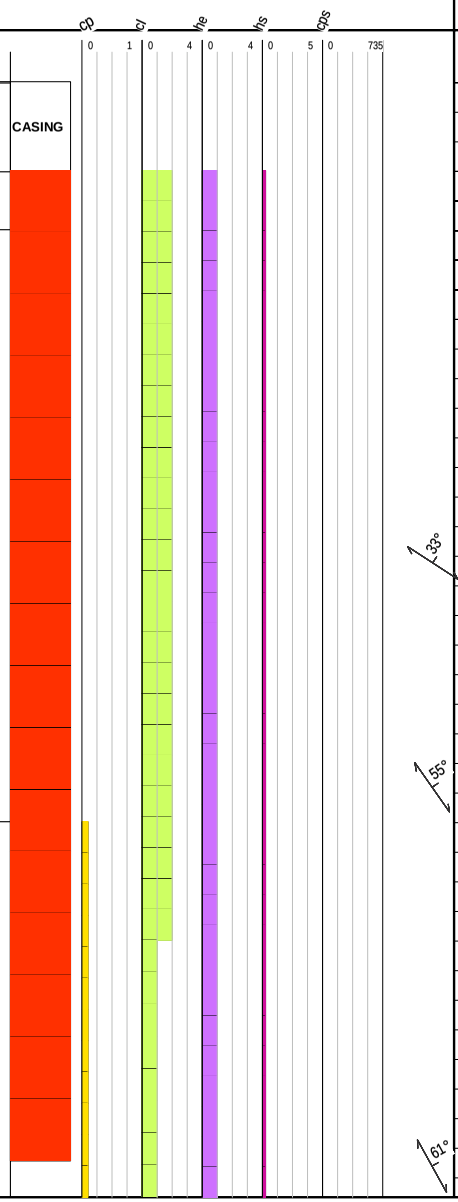
0-4.5 m CASING
4.5-79.5 m HETEROLITHIC BRECCIA and SILTSTONE (bht, slts) interbedded: dark green to purple-red. Irregular quartz-carbonate veins found throughout interval. Fault zone from 42.5-54.2m characterized by low rock recovery, altered rocks and fault gangue. From 75-79.5m, cm-scale beds of 50-70% specular hematite occur. CP 0.1%, MC 0.1%, HS 0.1-0.25%, PY 0.1%. Alteration MS, HE, CL
79.5-81.85 m MASSIVE HEMATITE (mxHS): black to purple coarse grained unit. HS 20-70%
81.5-112.95 m SILTSTONE: black to dark purple depending on hematite alteration. Irregular quartz carbonate veinlets throughout as well as cm-scale beds of 50-70% specular hematite. HS 0.5-5%
112.95-120.5 m METASOMATISED SEDIMENTS (mts): red to purple with patchy, discontinuous striped texture similar to "zebra texture" of other mineralized zones. A massive sulphide unit 25cm in thickness is found within interval. URANIUM MINERALIZATION from 112.95-115.4m producing 180-735cps. HS 0.5-30%, CP 0.1%
120.5-130.6 m HETEROLITHIC BRECCIA (bht): dark green to purple red. Minor amounts of quartz carbonate veining throughout. CP 0.1%, HS 0.5-10%. HE and CL alteration.
130.6-152.5 m SILTSTONE (slts): black to red purple. Minor amount of irregular quartz carbonate veinlets throughout. CP 0.1-0.25%, HS 0.1-5%, PY 0.1%. HE alteration.
152.5-165.0 m METASOMATISED BRECCIA (bhtc): dark grey to red purple, moderately to intensely altered. HS 0.5-5%. MS alteration.
165.0 m E.O.H.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-50.00	70.00
165.00	-58.40	77.40

Project: Werneckes **Hole Number:** STM07-04

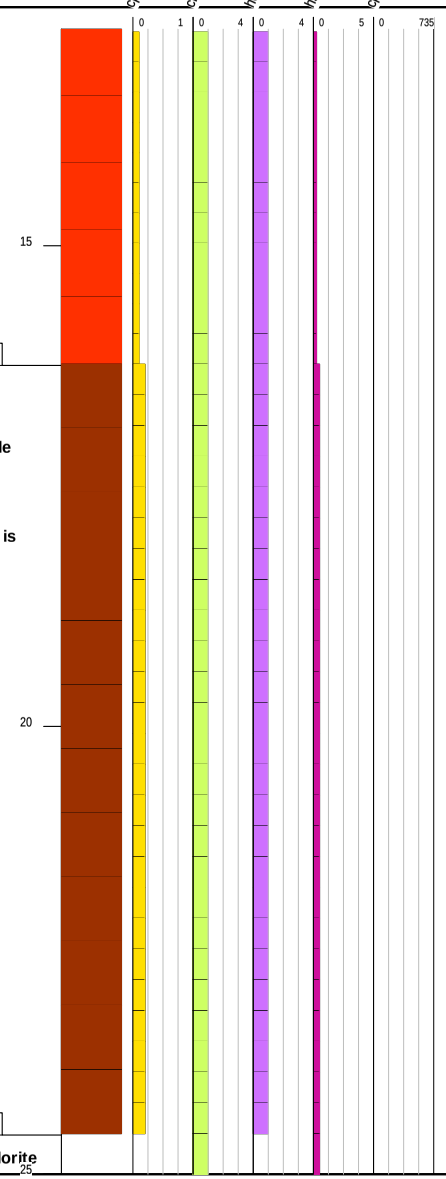
From	To	Rocktype & Description
0.00	4.50	OVBN CASING: no core recovered
4.50	16.00	bht HETEROLITHIC BRECCIA: dark green to purple-red depending on degree of chlorite and earthy hematite alteration. The breccia unit is interlayered/interbedded with siltstone units. Foliation/bedding direction is evident from preferred orientation of clasts as well as colour variation between beds. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Breccia is primarily clast supported but is matrix supported on smaller cm-scale layers. The fine-grained matrix comprises chlorite, specular hematite, calcite and quartz(?). According to Thorkelson's mapping of the Wernecke Breccia in this area, feldspar's occupy a percentage of the matrix. The alteration of these rocks as well as small grain size makes it difficult to discern specific abundances. Varying occurrences (1- 10%) of white to brick red ragged, discontinuous, irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting). These veinlets show no preferred orientation. Highly chloritized, sheared rocks begin the interval suggesting a shear zone close to surface. However, the low recovery of core typically seen within the first 8-10m of a hole makes this assumption less likely. Likely Wernecke Breccia based on previous mapping of the area. Alteration: « 4.5- 16.0 Silicification 1*»« Sericite 1*»« Hematite 1.00*» « Geothite 1.00*» « 4.50- 11.00 Chlorite 2.00*» « 11.00- 16.00 Chlorite 1.00*» Mineralization:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
4.50	7.00	2.50	287835	-0.005	0.07	19	3.1	1.63
7.00	9.00	2.00	287836	0.011	0.17	45	4.0	4.92
9.00	11.00	2.00	287837	0.010	0.19	1435	3.8	7.72
11.00	13.00	2.00	287838	0.016	0.79	2540	3.8	6.15
13.00	15.00	2.00	287839	0.021	0.24	259	5.9	18.75
15.00	16.00	1.00	287840	0.021	0.08	115	5.0	5.94

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description
		« 10.00- 16.00 Chalcopyrite 0.10%» « Malachite 0.10%»
		« 4.50- 16.00 Specularite 0.10-0.25%»
		Structure:
		< @ 7.80 foliation 33° >
		< @ 9.70 foliation 55° >
		< @ 12.90 foliation 61° >
16.00	24.50	slts
		SILTSTONE: black to dark purple depending on degree of earthy hematite alteration. Some laminations present defined by variable grain size. Minor amount of coarser grained cm-scale beds with clasts. Clasts are mm to cm-scale in diameter and tend to be stained red by earthy hematite alteration.
		Minor amounts (<1%- 5%) of white, patchy, discontinuous veins and stockwork is present throughout this interval. Veins are typically mm-scale width and tend to cross cut foliation. Based on a weak reaction to HCl, these veins are likely composed of dolomite and quartz.
		Alteration:
		« 16.0- 24.5 Silicification 1*» « Chlorite 1.00*» « Hematite 1.00*»
		Mineralization:
		« 16.0- 24.5 Specularite 0.10-0.50%» « Malachite 0.10%» « Chalcopyrite 0.10-0.20%»
		Structure:
		< @ 17.20 foliation 60° >
		< @ 23.20 foliation 54° >
24.50	51.50	bht
		HETEROLITHIC BRECCIA: dark green to purple-red depending on degree of chlorite



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
16.00	18.00	2.00	287841	-0.005	0.10	110	5.8	5.66
18.00	20.00	2.00	287843	-0.005	0.04	141	5.8	2.37
20.00	22.00	2.00	287844	0.007	0.22	428	8.5	13.35
22.00	24.50	2.50	287845	0.015	0.22	321	6.9	18.65
24.50	26.00	1.50	287846	0.025	0.90	1430	7.9	17.30
26.00	28.00	2.00	287847	-0.005	0.07	59	4.2	9.20

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description

and earthy hematite alteration. The breccia unit is interlayered/interbedded with siltstone units. Foliation/bedding direction is evident from preferred orientation of clasts. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Clasts are red to purple depending on degree of hematite alteration. Breccia is primarily clast supported but is matrix supported on smaller cm-scale layers. The fine-grained matrix comprises chlorite, specular hematite, calcite and quartz(?). According to Thorkelson's mapping of the Wernecke Breccia in this area, feldspar's occupy a percentage of the matrix. The alteration of these rocks make it difficult to discern specific abundances.

Varying occurrences (1- 10%) of white to brick red ragged, discontinuous, irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these veinlets are likely comprised of dolomite and quartz. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting).

There is a major fault zone within this lithologic interval.

Alteration

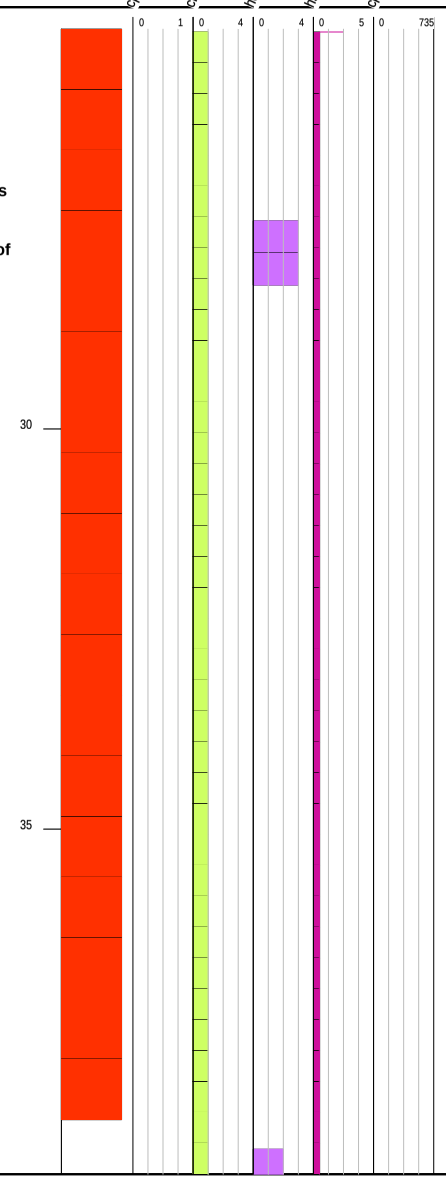
« 27.40- 28.20 Hematite 3*»
« 39.00- 40.30 Hematite 2*»
« 48.00- 48.80 Hematite 2*» remaining interavals throughout unit are 1.00* in alteration

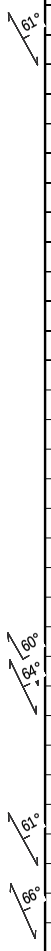
« 24.50- 51.50 Silicification 1.00*»
« 27.00- 34.20 Silicification 2.00*»
« 34.20- 51.50 Silicification 1.00*»

« 24.50- 51.50 Sericite 1.00*»

« 24.50- 42.60 Chlorite 1.00*»
« 42.60- 51.50 Chlorite 2.00*»

« 24.50- 51.50 Geothite 1.00*»

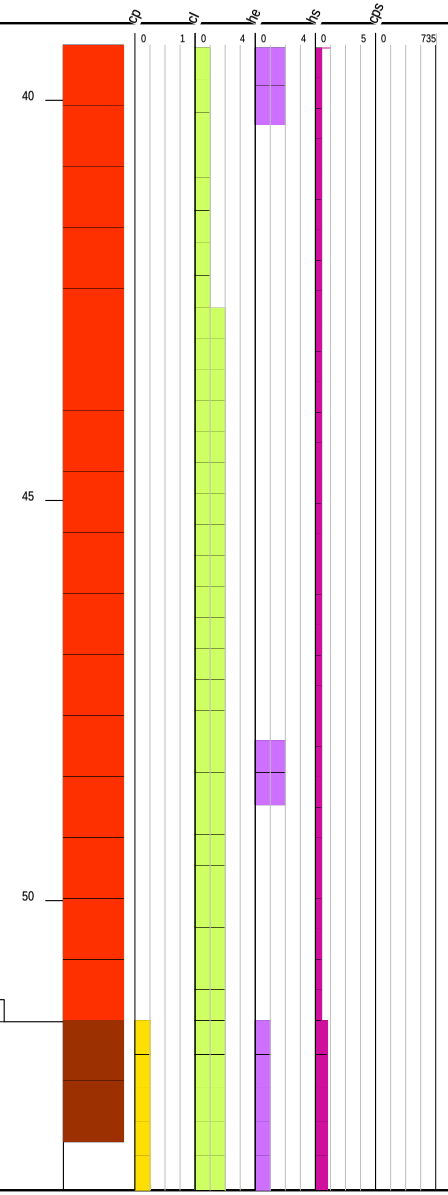




From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
28.00	30.00	2.00	287848	0.006	0.07	38	5.8	10.25
30.00	32.00	2.00	287849	-0.005	0.01	8	3.8	2.85
32.00	34.00	2.00	287850	0.009	0.02	20	4.0	2.98
34.00	36.00	2.00	287851	-0.005	0.03	24	4.2	3.31
36.00	37.50	1.50	287852	0.070	0.04	17	14.0	3.80
37.50	39.00	1.50	287854	0.013	0.14	7	4.8	6.89
39.00	40.50	1.50	287855	0.036	0.15	33	7.1	26.50
40.50	42.00	1.50	287856	-0.005	0.09	45	4.9	14.35
42.00	43.00	1.00	287857	-0.005	0.03	35	4.1	10.35
43.00	44.00	1.00	287858	-0.005	0.02	40	4.4	6.33
44.00	45.00	1.00	287859	0.013	0.13	3400	8.2	42.30
45.00	47.60	2.60	287860	-0.005	0.05	185	4.0	5.55
47.60	49.10	1.50	287861	-0.005	0.01	78	2.2	2.86
49.10	50.60	1.50	287862	-0.005	0.06	60	5.8	4.77
50.60	51.50	0.90	287863	-0.005	0.06	405	5.7	6.74

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description



Mineralization:

« 24.50- 51.50 Specularite 0.10-0.50%»
« 42.00- 51.50 Malachite 0.10%»

Structure:

< @ 26.40 foliation 61.00° >
< @ 34.15 foliation 60.00° >
< @ 34.50 foliation 64.00° >
< @ 36.40 foliation 61.00° >
< @ 37.30 foliation 66.00° >
< @ 41.90 foliation 50.00° >
< @ 44.30 foliation 46.00° >
< @ 51.30 foliation 49.00° >

« 37.30- 37.50 minor fault zone »

« 42.50- 51.50 major fault zone » fault continues into next lithologic unit. Highly altered rocks with fault gouge seen throughout interval. Intense chloritic alteration in spots.

50°
46°
49°

51.50 72.60 slts

SILTSTONE: dark green to red depending on degree of chlorite and earthy hematite alteration. This lithologic interval is dominated by chlorite alteration due to fault zone. Very minor amount of laminations present to define foliation direction in fine-grained sediments. Variable grain size in few sporadic locations define foliation by orientation of mm-scale clasts.

From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
51.50	53.00	1.50	287864	0.010	0.01	32	1.3	4.79
53.00	54.80	1.80	287865	0.028	0.02	621	1.1	3.53
54.80	56.40	1.60	287866	-0.005	-0.01	30	0.4	0.51
56.40	58.20	1.80	287867	-0.005	0.07	1750	2.7	5.82
58.20	59.90	1.70	287868	0.008	0.09	2050	3.8	11.00
59.90	61.50	1.60	287869	-0.005	0.05	525	3.8	6.63

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description

Clasts tend to be stained red by earthy hematite alteration.

Minor amounts (<1%- 5%) of white, patchy, discontinuous veins and stockwork is present throughout this interval. Veins are typically mm-scale in width and show little preferred orientation in direction of foliation. Based on a weak reaction to HCl, these veins are likely composed of dolomite and quartz.

Alteration:

« 51.5- 72.6 Chlorite 1-2*»« Silicification 1.00*»

« 51.50- 61.00 Hematite 1.00*»
« 61.00- 62.00 Hematite 2.00*»
« 62.00- 66.00 Hematite 1.00*»
« 66.00- 66.60 Hematite 2.00*»
< 66.60- 72.60 Hematite 1.00*»

« 56.00- 72.60 Geothite 1.00*»

Mineralization:

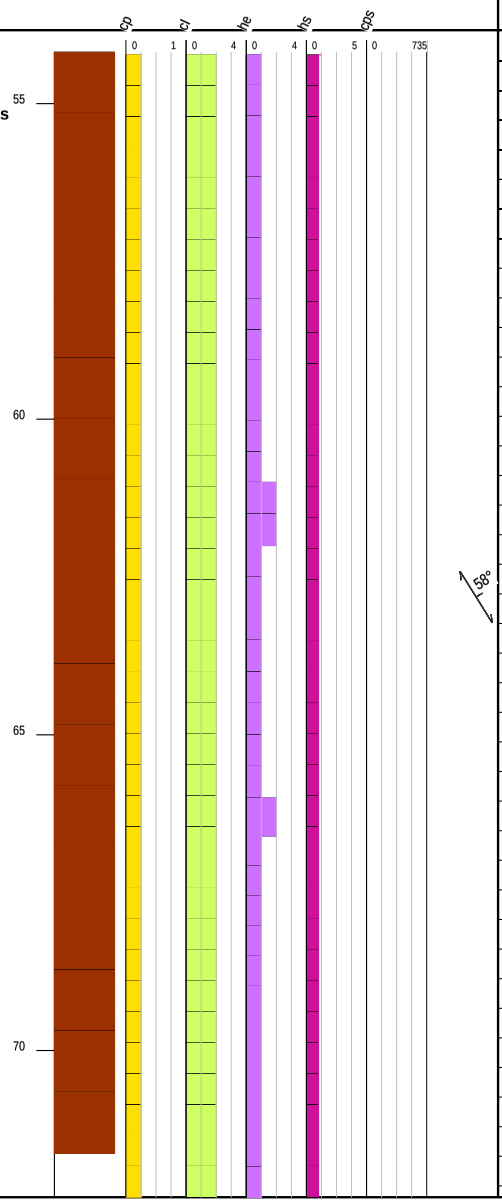
« 51.50- 72.60 Chalcopyrite 0.10-0.25%»
« Pyrite 0.10%»
« Specularite 0.10-1.00%»
« 51.50- 72.60 Malachite 0.10%»

Structure:

< @ 62.80 foliation 58.00° >

« 51.50- 54.20 major fault zone » Likely the end of the major fault zone which is continued from the previous interval.

« 56.60- 57.00 minor fault zone »
« 57.30- 59.00 minor fault zone »



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
61.50	62.80	1.30	287870	0.034	0.04	322	3.9	7.78
62.80	64.30	1.50	287871	-0.005	0.02	116	5.4	9.97
64.30	66.30	2.00	287872	-0.005	0.09	250	3.5	9.56
66.30	68.50	2.20	287874	-0.005	0.02	150	5.5	5.94
68.50	70.00	1.50	287875	-0.005	0.04	243	2.4	3.78
70.00	72.00	2.00	287876	0.006	0.03	1025	2.0	4.95
72.00	72.60	0.60	287877	-0.005	0.02	1170	3.0	5.50

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description
72.60	75.00	bht

HETEROLITHIC BRECCIA: black to purple-red depending on degree of hematite alteration. The breccia unit is interlayered/interbedded with siltstone units which tend to have moderate/intense sericite alteration. Foliation/bedding direction is evident from preferred orientation of clasts. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Clasts are red to purple due to hematite alteration and tend to be surrounded by sericite alteration. Breccia is primarily clast supported but is matrix supported on smaller cm-scale layers. The fine-grained matrix comprises chlorite, specular hematite, calcite and quartz(?). According to Thorkelson's mapping of the Wernecke Breccia in this area, feldspar occupies a percentage of the matrix. The alteration of these rocks make it difficult to discern specific abundances.

Minor amounts (<1- 3%) of white to brick red ragged, discontinuous, irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these veinlets are likely comprised of dolomite and quartz. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting).

Likely an interval altered by massive fluid flow. Evidence is preferred orientation of clasts as well as sericite alteration throughout unit.

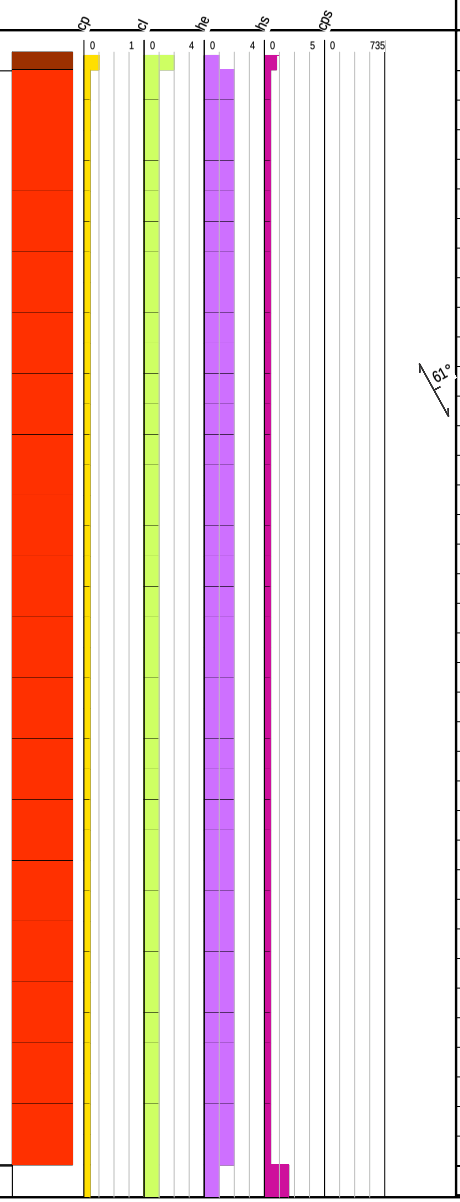
Alteration:
« 72.6- 75.0 Sericite 1.00*»
« Silicification 1.00*»
« Hematite 1.00-2.00*»
« Chlorite 1.00*»

Mineralization:
« 72.6- 75.0 Chalcopyrite 0.10%»
« Specularite 0.10-0.50%»

Structure:
< @ 73.30 foliation 61.00° >

From	To	Rocktype & Description
75.00	79.50	slts

SILTSTONE: black to dark purple depending on degree of hematite alteration.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
72.60	75.00	2.40	287878	0.009	0.08	175	5.7	9.21
75.00	76.50	1.50	287879	0.033	0.36	14	27.3	18.05
76.50	78.00	1.50	287880	0.005	0.30	9	10.4	6.67

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description

Bedding lamination present defined by very slight changes in grain size. Beds of 50- 70% specular hematite are scattered throughout interval with beds mm to cm-scale.

Minor amounts (<1%- 2%) of white, patchy, discontinuous veins and stockwork is present throughout this interval. Veins are typically mm-scale in width and show little preferred orientation in direction of foliation. Based on a weak reaction to HCl, these veins are likely composed of dolomite and quartz.

Alteration:
« Sericite 1.00*»
« 75.0- 78.8 Hematite 1.00%»
« 78.80- 79.50 Hematite 2*»
« Geothite 1.00*»
« 75.00- 77.70 Silicification 1.00*»
« 77.70- 79.50 Silicification 2.00*»
« Chlorite 1.00*»

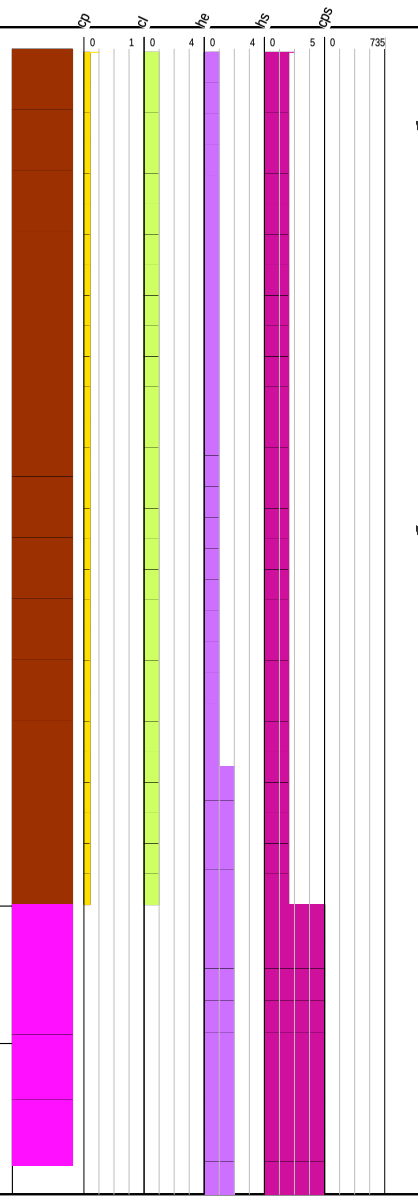
Mineralization:
« 75.00- 79.50 Pyrite 0.10%» « Chalcopyrite 0.10%» « Specularite 0.10-2.00%»

Structure:
< @ 75.65 foliation 55.00° >
< @ 77.70 foliation 54.00° >

79.50 81.85 mxHS

MASSIVE HEMATITE: black to purple coarse-grained unit. Interlayered with coarser grained clastic units. Clasts range from mm-size to ~2cm in diameter. Dominantly specular hematite found throughout this unit. Earthy hematite alteration within the clasts result in their red-purple colour. The pervasive purple colour found throughout the unit is due to the high concentration of specular hematite.

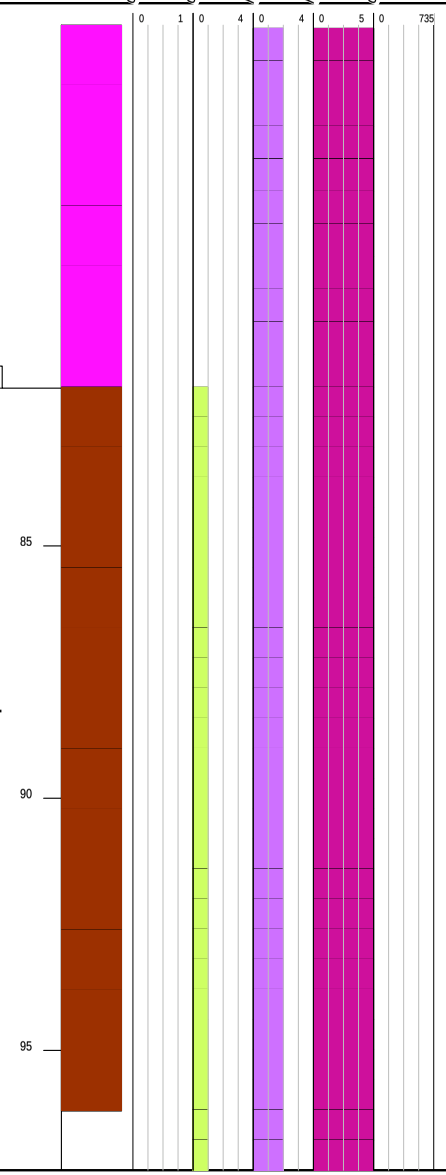
Alteration:
« 79.50- 81.85 Hematite 1.00-2.00*»« Geothite 1.00*» « Silicification 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
78.00	79.50	1.50	287881	0.008	0.20	7	4.5	9.18
79.50	81.00	1.50	287882	0.020	0.43	20	3.9	17.20
81.00	81.85	0.85	287883	0.019	0.33	20	5.1	27.40

Project: Werneckes **Hole Number:** STM07-04

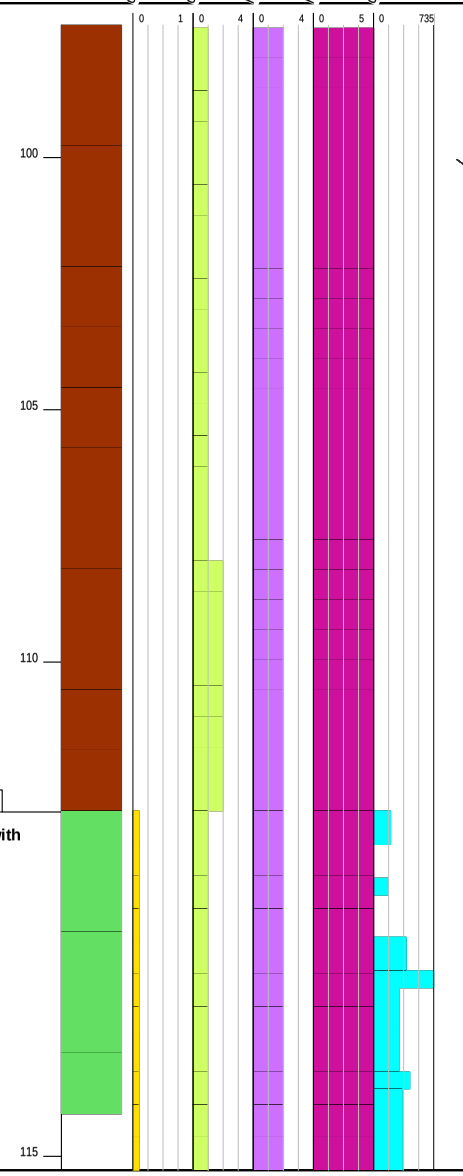
From	To	Rocktype & Description
		Mineralization: « Specularite 20.00-70.00%»
		Structure: < @ 81.40 foliation 53.00° >
81.85	112.95	slts
		SILTSTONE: black to dark purple depending on degree of hematite alteration. Bedding lamination present defined by changes in grain size. Beds of 50- 70% specular hematite are scattered throughout interval with beds mm to cm's in thickness. Very fine-grained material makes it hard to distinguish composition of siltstone, but is likely specular hematite, calcite, chlorite and quartz(?). Minor amounts (<1%- 2%) of white to red, patchy, discontinuous veins and stockwork is present throughout this interval. Veins are typically mm-scale in width and show little preferred orientation in direction of foliation. Based on a weak reaction to HCl, these veins are likely composed of dolomite and quartz. The red staining to some of the veins is due to earthy hematite alteration. The end of this interval is dominated by highly altered siltstones with interbedded breccia beds. An increase in faulting occurs as well as sericite and chlorite alteration. Foliation is more prominent due to orientation of clasts and colour variations between beds of different grain sizes. Alteration: « 81.85- 86.00 Silicification 1*» « 86.00- 91.70 Silicification 2*» « 91.70- 112.95 Silicification 1*» « 81.85- 112.95 Hematite 2*» « 81.85- 108.0 Chlorite 1*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
81.85	83.00	1.15	287884	0.070	0.10	9	4.4	12.25
83.00	84.00	1.00	287885	0.041	0.08	2	4.7	5.07
84.00	85.00	1.00	287886	0.285	0.09	2	6.0	6.53
85.00	86.00	1.00	287887	0.041	0.21	2	6.3	7.69
86.00	87.50	1.50	287888	0.031	0.27	3	17.0	6.29
87.50	89.00	1.50	287889	0.008	0.05	2	4.2	5.11
89.00	90.50	1.50	287890	0.030	0.10	4	6.8	6.37
90.50	92.00	1.50	287891	0.016	0.28	2	10.1	7.80
92.00	93.50	1.50	287892	0.041	0.25	3	5.3	8.99
93.50	95.00	1.50	287893	0.005	0.10	8	7.1	5.68
95.00	96.50	1.50	287894	-0.005	0.08	5	6.6	3.53
96.50	98.00	1.50	287895	-0.005	0.03	3	5.6	8.61
98.00	99.50	1.50	287896	0.011	0.10	2	6.9	2.97
99.50	101.00	1.50	287897	0.049	0.05	1	9.2	2.70
101.00	102.50	1.50	287898	0.022	0.04	4	8.4	2.45
102.50	104.00	1.50	287899	-0.005	0.03	6	6.3	5.34
104.00	105.50	1.50	287900	-0.005	0.05	5	6.2	3.57
105.50	107.00	1.50	287901	-0.005	0.05	2	6.4	3.43
107.00	108.50	1.50	287902	0.007	0.12	118	6.6	4.17
108.50	110.00	1.50	287903	0.023	0.66	8	12.1	3.36
110.00	111.50	1.50	287904	0.019	1.19	7	19.9	3.81

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description
		« 108.00- 112.95 Chlorite 2*»
		« Geothite 1*»
		« 81.85- 109.0 Sericite 1.00*»
		« 109.00- 112.95 Sericite 2.00*»
		Mineralization:
		« 81.85- 112.95 Specularite 0.50-5.00%»
		Structure:
		< @ 91.20 foliation 32° >
		< @ 92.20 bedding 31° >
		< @ 100.30 bedding 36° >
		< @ 105.80 foliation 64° >
		< @ 107.00 foliation 68° >
		< @ 111.50 foliation 53° >
		« 83.70- 86.00 fault zone »
		« 109.00- 110.00 fault zone »
		« 112.20- 112.80 fault zone »
112.95	120.50 mts	METASOMATISED SEDIMENTS: red to purple, fine-grained altered sediments with locally well developed fabric (cleavage?). Primary bedding difficult to recognize due to extensive alteration. Purple/red colour due to earthy hematite alteration found throughout
		Patchy and discontinuous striped texture similar to zebra texture of mineralized zones, but more brick-red in color. This colour is due to earthy hematite alteration.
		Minor amounts (0.1- 2%) of veining is found within this interval. Slight reaction to HCL likely makes these veins dolomite.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
111.50	113.00	1.50	287905	0.044	1.42	32	20.7	11.50
113.00	113.35	0.35	287906	0.008	0.46	16	48.3	7.06
113.35	113.80	0.45	287907	0.013	0.52	66	159.0	16.15
113.80	114.00	0.20	287908	0.030	1.08	216	970.0	52.20
114.00	114.40	0.40	287909	0.013	0.41	57	129.0	31.70
114.40	114.70	0.30	287910	-0.005	0.18	124	382.0	22.40
114.70	115.00	0.30	287911	0.007	0.23	37	125.5	10.55
115.00	115.40	0.40	287912	-0.005	0.29	128	189.5	15.35
115.40	116.00	0.60	287913	0.012	1.48	28	51.9	9.01
116.00	116.50	0.50	287914	0.040	5.31	23	64.1	13.80
116.50	117.00	0.50	287916	0.036	6.62	10	15.1	12.20
117.00	117.50	0.50	287917	0.053	3.46	6	32.9	10.35
117.50	118.10	0.60	287918	0.194	3.39	7	65.6	21.30
118.10	118.60	0.50	287919	0.021	0.61	18	21.9	7.57

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description

A massive sulphide unit 25cm in thickness is found within this interval.
Smaller scale sulphide beds of ~1-5cm in width are also found scattered throughout interval.

Alteration:
« 112.95- 120.50 Hematite 1.00-2.00*»« Sericite 1*» « Chlorite 1.00*» « Silicification 1.00-2.00*»

Mineralization:
« 112.95- 113.15 uranium mineralization 210 cps »
« 113.35- 113.45 uranium mineralization 180 cps »
« 113.70- 113.90 uranium mineralization 400 cps »
« 113.90- 114.00 uranium mineralization 735 cps »
« 114.00- 114.50 uranium mineralization 315 cps »
« 114.50- 114.60 uranium mineralization 444 cps »
« 114.60- 115.40 uranium mineralization 250- 350 cps »

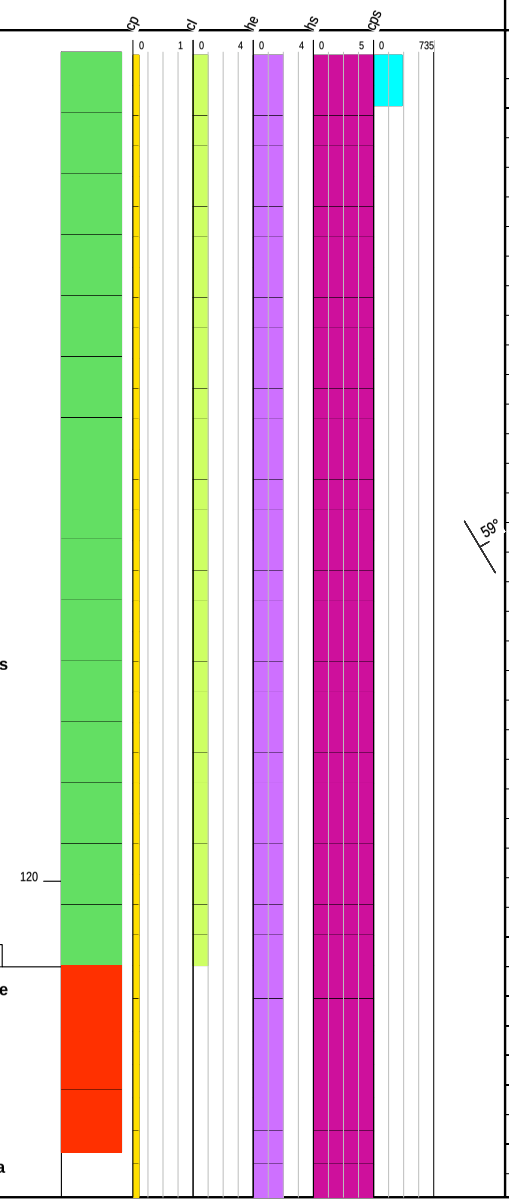
« 112.95- 120.50 Specularite 0.50-30.00%» There are beds of specular hematite found throughout this unit at varying widths of 1cm- 25cm. These beds are typically 10-30% specular hematite.

« 112.95- 120.50 Chalcopyrite 0.1% » Trace amounts found through interval.

Structure:
< @ 118.00 bedding 59° >

120.50 130.60 bht

HETEROLITHIC BRECCIA: black to purple-red depending on degree of hematite alteration. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Clasts are red to purple due to earthy hematite alteration. Breccia is primarily clast supported but is matrix supported on smaller cm-scale layers. The fine-grained matrix comprises, in order of abundance, specular hematite, chlorite, calcite and quartz(?). According to Thorkelson's mapping of the Wernecke Breccia in this area, feldspar occupies a



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
118.60	119.30	0.70	287920	0.031	3.04	17	44.3	16.55
119.30	120.00	0.70	287921	0.114	0.87	14	39.7	17.80
120.00	120.60	0.60	287922	0.009	0.44	4	49.5	5.00
120.60	121.70	1.10	287923	0.009	0.13	4	12.4	4.13
121.70	123.00	1.30	287924	-0.005	0.04	3	8.0	3.40
123.00	124.50	1.50	287925	-0.005	0.02	8	6.4	1.49
124.50	126.00	1.50	287926	-0.005	0.02	3	6.1	1.76
126.00	127.50	1.50	287927	-0.005	0.04	7	16.3	6.56
127.50	129.00	1.50	287928	0.009	0.09	29	24.5	9.65
129.00	130.50	1.50	287929	0.148	0.99	320	11.1	15.30

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description

percentage of the matrix. The alteration of these rocks make it difficult to discern specific abundances of the matrix. Clast lithology is difficult to identify due to hematite and silica alteration. Foliation and bedding directions are identified by clast orientation and change in earthy hematite alteration between beds.

Minor amounts (<1- 3%) of white to brick red veining throughout this interval. Based on a weak reaction to HCl, as well as hardness, these veins are likely comprised of dolomite and quartz. The brick red veins also show the same reaction with acid so these are likley carbonate veins with earthy hematite within mineral cleavage planes (hematite dusting).

Likely Wernecke Breccia.

Alteration:

« 120.5- 130.6 Sericite 1.00*»

« 120.5- 130.6 Hematite 1.00-2.00*»

« 120.50- 121.60 Silicification 1*»

« 121.60- 130.60 Silicification 2.00*»

Mineralization:

« 120.50- 130.60 Chalcopyrite 0.1% »

« Specularite 0.5- 10.0% »

Structure:

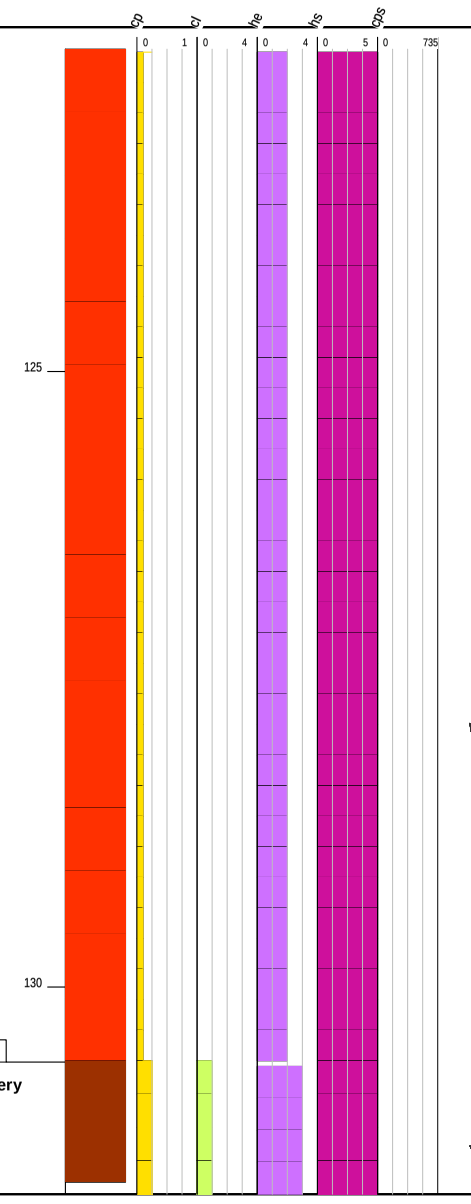
< @ 128.05 foliation 55.00° >

< @ 127.50 bedding 70° >

« 120.50- 121.60 fault zone »

130.60 152.50 slts

SILTSTONE: black to red-purple depending on degree of hematite alteration. Very fine-grained with minor amounts of interbedded coarser grained material. Bedding and foliation is defined in this interval by changes in colour (hematite alteration) as well as minor changes in grain size.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
130.50	132.00	1.50	287930	0.039	0.52	94	7.7	36.80
132.00	132.70	0.70	287931	0.011	0.04	70	5.5	5.48
132.70	133.40	0.70	287932	0.016	0.10	186	8.3	8.24
133.40	134.10	0.70	287933	0.022	0.13	280	7.8	9.70
134.10	134.80	0.70	287934	0.244	1.10	4000	10.7	37.90
134.80	135.80	1.00	287936	0.029	0.25	488	10.4	11.85

Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description

Minor amounts (<1%- 5%) of white to red, patchy, discontinuous veins and stockwork is present throughout this interval. Veins are typically mm-scale in width and show little preferred orientation in any direction. Based on a weak reaction to HCl, these veins are likely composed of dolomite and quartz. The red staining to some of the veins is due to earthy hematite alteration.

Alteration:

« 130.60- 152.50 Geothite 1*»

« 130.70- 134.50 Hematite 3.00*»
« 149.50- 151.30 Hematite 2.00*» all remaining intervals throughout this lithologic unit are 1* in earthy hematite alteration.

« 130.60- 152.50 Chlorite 1.00*»
« 130.60- 134.50 Silicification 2.00*»
« 134.50- 152.50 Silicification 1.00*»

Mineralization:

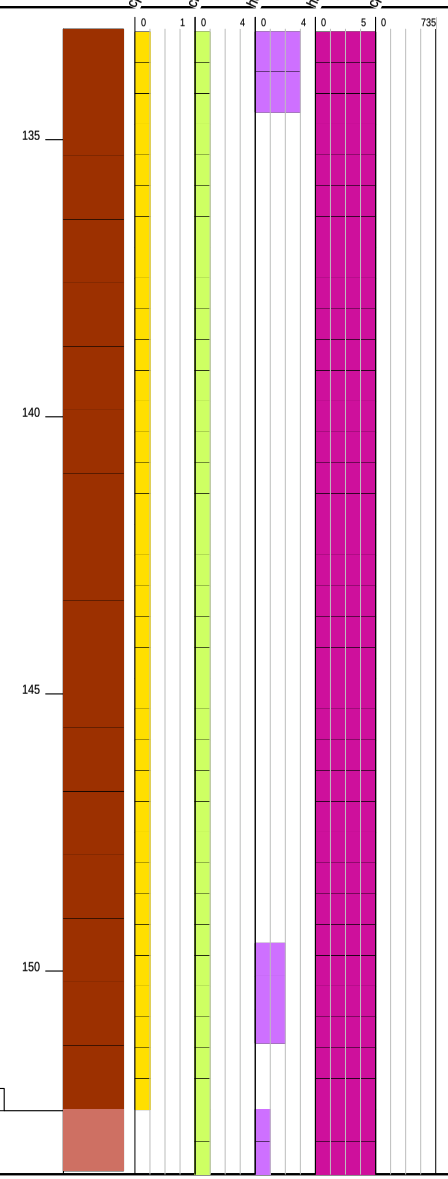
« 130.60- 152.50 Chalcopyrite 0.10-0.25%»
« Specularite 0.10-5.00%»
« Pyrite 0.10%»

Structure:
< @ 132.57 bedding 63.00° >
< @ 147.85 foliation 52.00 deg.>
< @151.02 bedding 88.00° >

« 144.00- 145.00 minor fault zone »

152.50 165.00 bhtc

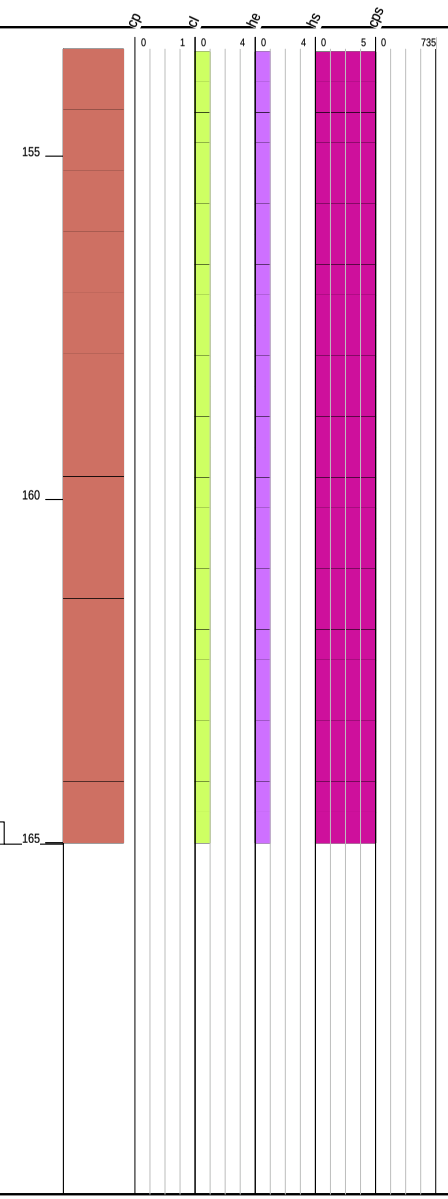
METASOMATISED BRECCIA (Mylonite): dark grey to red/purple. Moderately to intensely altered breccia unit. Clasts range in size from mm-scale to ~10cm in



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
135.80	136.80	1.00	287937	0.009	0.08	575	10.1	3.45
136.80	138.00	1.20	287938	0.010	0.05	254	9.0	1.91
138.00	139.50	1.50	287939	0.011	0.01	112	8.2	1.54
139.50	141.00	1.50	287940	0.040	0.09	947	9.9	1.35
141.00	142.00	1.00	287941	0.163	0.13	948	20.3	8.07
142.00	143.40	1.40	287942	0.060	0.13	188	24.8	1.18
143.40	144.60	1.20	287943	0.031	0.03	229	9.1	1.96
144.60	146.50	1.90	287944	0.018	0.05	262	8.3	1.57
146.50	148.50	2.00	287945	0.021	0.06	16	14.6	1.77
148.50	150.00	1.50	287946	-0.005	-0.01	81	7.4	1.71
150.00	151.50	1.50	287947	0.013	0.03	151	7.2	2.03
151.50	152.50	1.00	287948	0.006	0.06	4	6.4	1.93
152.50	154.00	1.50	287949	0.009	0.06	46	12.1	6.93
154.00	155.00	1.00	287950	0.011	0.11	50	14.6	11.70
155.00	156.50	1.50	287952	-0.005	0.20	36	21.6	6.75

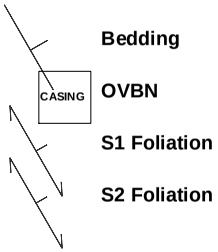
Project: Werneckes **Hole Number:** STM07-04

From	To	Rocktype & Description
		diameter and are sub-rounded to sub-angular. Clasts tend to be aligned and strained in direction of foliation/strain. Clasts are red to purple in colour due to earthy hematite alteration. Sericite alteration is prevalent throughout interval and tends to surround clasts as well as form layers resembling beds.
		Alteration:
		« 152.5- 165.0 Silicification 1.00*» « Sericite 2.00*» « Chlorite 1.00*» « Hematite 1.00*» « Geothite 1.00*»
		Mineralization:
		« Specularite 0.50-5.00%»
		Structure:
		< @ 154.35 foliation 73.00° >
		< @ 155.00 foliation 81.00° >
		< @ 163.90 foliation 82.00° >
		< @ 159.15 foliation 80.00° >
		« 156.13- 156.50 fault zone »
165.00	165.00	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
156.50	158.00	1.50	287953	0.023	0.08	11	9.7	5.73
158.00	159.50	1.50	287954	0.019	0.18	13	10.2	39.60
159.50	161.00	1.50	287955	0.017	0.20	22	15.1	23.40
161.00	162.50	1.50	287956	0.005	0.04	1	7.5	9.01
162.50	164.00	1.50	287957	0.034	0.05	1	10.3	6.33
164.00	165.00	1.00	287958	0.006	0.05	1	16.4	9.09

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bht

bhtc

mts

mxHS

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1507.0
Hole STM07-05	**Azimuth (º):** 250
Location: 7206100 m North, 527980 m East	**Dip (º):** -45.0
Logged by: N. Perk	**Length (m):** 241.50
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/06 **Date Completed:** 2007/09/10	
Dip Tests By: Flexit	
Objective To test the MDV Zone for a possible eastern dip to the MDV mineralization.	

Summary Log:

0-2.13 m CASING
2.13-32.70 m METASOMATIZED SEDIMENTS (mts): Black with red patches, fine grained,similar texture to the mineralized zone but is not as strongly altered. Protolith was likely siltstone. Sedimentary structures show the unit to be right way-up. Alteration is mHE, wCL.
32.7-41.8 m SILTSTONE/BRECCIA (slts, bht) Grey-black unit of interbedded siltstones and breccias. Origin of breccias is unknown, but seem likely sedimentary. Alteration is w-mHE, wCL, with mGE as secondary locally.
41.8-52.0 m BRECCIA/SILTSTONE (bht, slts): Orange-green, strongly altered and oxidized breccias and siltstones. Alteration is w-mHE, w-mMS, and w-sCL with m-s secondaries GE-JA.
52.0-60.7 m SILTSTONE (slts): Grey-black, fine grained, thinkly bedded silstones. wHE, wCL alteration.
60.7-65.7 m SEMI-MASSIVE TO MASSIVE HEMATITE (mxHS): Black, nearly complete replacement of what appears to have been a breccia unit.
65.7-180.5 m SILTSTONE (slts): Dark purple-black, thinly bedded siltstones. Alteration is w-sHE, wCL, and local mSI.
180.5-241.5 m SHEARED SILTSTONE (slts): green/red-grey stilstones with strong fabric (shear). Fabric varies from weak to strong with local fine grained schists in high strain zones. Alteration is m-sHE, m-CL, and local mMS.

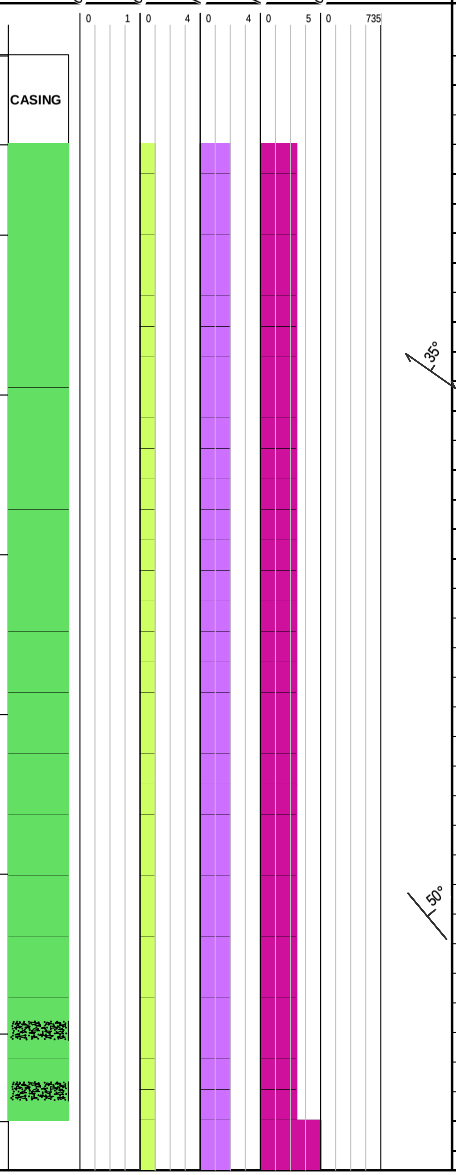
MINERALIZATION: No significant mineralization observed. HS mineralization vaires greatly throughout. Trace PY and CP occur locally.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	250.00
50.00	-45.70	255.40
150.00	-44.80	255.60
241.50	-40.70	256.60

Project: Werneckes **Hole Number:** STM07-05

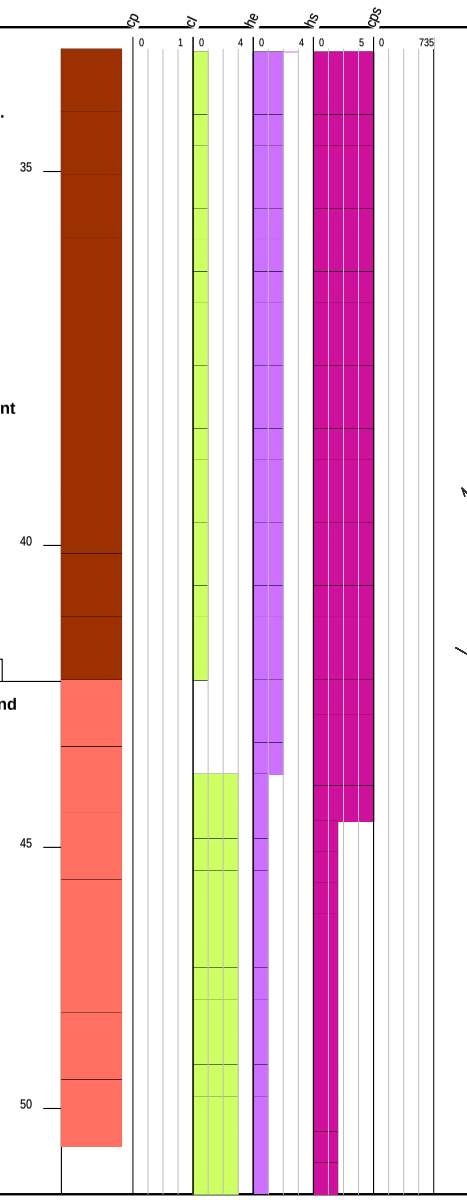
From	To	Rocktype & Description
0.00	2.13	OVBN
		CASING: Some rock recovered, unknown if it is in place or not.
2.13	32.70	mts
		METASOMATIZED SEDIMENTS: Black with red patches, fine-grained, weak to strong alteration. Unit is not as strongly altered as metasomatized sediments within the mineralized zones, but displays the characteristic 'zebra striped' texture. Unit is cut by thin (<2 cm) Dolomite veins making up less than 2% of the unit. Protolith appears to be siltstone, primary bedding is observed in several locations. Several sedimentary way-up indicators (flame structures) are observed and show the unit is 'right way up'.
		« 29.60- 30.20 Breccia with flame structure at lower contact, likely sedimentary in origin. bht 30°»
		« 31.50- 32.10 Breccia with sharp contacts, upper contact is planar while lower contact is irregular. bht 30°»
		« Pyrite 2.00%» within Calcite veins and minor disseminations in matrix.
		Alteration:
		« Hematite 2*» as isolated patches
		« Chlorite 1.00*» locally
		Mineralization:
		« Specularite 0.50-3.00%»
		Structure:
		< @ 9.20 S1 Foliation 35° >
		< @ 23.00 Dolomite vein with angular clasts of host rock. 25-45° 2cm >
		< @ 26.20 Bedding 50° >
		< @ 26.20 sedimentary flame structures showing beds to be 'right way up' >
		< @ 30.20 flame structure showing bedding to be 'right way up'. >
32.70	41.80	slts
		SILTSTONE/BRECCIA: Grey-black unit of interbedded silstones and breccias.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
2.10	4.00	1.90	287959	-0.005	0.02	2	6.3	3.26
4.00	6.00	2.00	287960	-0.005	0.08	7	7.4	14.45
6.00	8.00	2.00	287961	-0.005	0.03	13	6.2	10.90
8.00	10.00	2.00	287962	-0.005	0.14	2	6.3	6.25
10.00	12.00	2.00	287963	-0.005	0.02	1	5.8	4.17
12.00	14.00	2.00	287964	-0.005	0.04	1	5.5	2.80
14.00	16.00	2.00	287965	-0.005	0.05	10	8.1	11.80
16.00	18.00	2.00	287966	-0.005	0.03	2	5.7	3.59
18.00	20.00	2.00	287967	-0.005	0.05	4	4.6	2.67
20.00	22.00	2.00	287968	-0.005	0.04	3	4.5	4.01
22.00	24.00	2.00	287970	-0.005	0.04	9	5.3	3.66
24.00	26.00	2.00	287971	-0.005	0.04	2	5.4	9.31
26.00	28.00	2.00	287972	-0.005	0.07	4	8.1	14.75
28.00	30.00	2.00	287973	-0.005	0.05	4	5.5	7.69
30.00	31.50	1.50	287974	0.015	0.21	7	5.9	12.95
31.50	32.10	0.60	287975	-0.005	0.25	23	9.4	17.75
32.10	32.70	0.60	287976	-0.005	0.05	2	4.9	2.24
32.70	34.70	2.00	287978	-0.005	0.08	3	6.1	4.54
34.70	36.50	1.80	287979	0.079	1.90	76	15.9	42.10

Project: Werneckes **Hole Number:** STM07-05

From	To	Rocktype & Description
		Origin of breccias is unknown, but are likely sedimentary. Breccias vary from matrix to clast supported. Clasts are primarily composed of fine grained sediments with weak-strong Hematite alteration and are sub-angular to angular.
		Alteration:
		« Hematite alteration 1.00-2.00*»
		« Chlorite 1.00*»
		« 37.00- 39.00 Geothite secondary 2.00*»
		Mineralization:
		« Pyrite 0.50%» as narrow (<1 cm) veins that cross -cut bedding.
		« Specularite 5.00-20.00%» as disseminations within beds, complete replacement of clasts, and nearly complete replacement of beds.
		Structure:
		< @ 34.50 zone of broken core. fault 30cm >
		< @ 35.50 zone of broken core. fault 10 cm>
		< @ 39.50 foliation within breccia. S1 Foliation 45° >
		< @ 41.50 Bedding 30° >
41.80	52.00	bht,m
		BRECCIA/SILTSTONE: Orange-green, strongly altered and oxidized breccias and siltstones. Unit is interpreted to represent a large scale fault/shear zone with moderate to strong Chlorite alteration, abundant oxides. Unit is highly fractured with numerous fault and shear zones.
		Alteration:
		« 41.80- 43.60 Hematite 2*» « Sericite 2.00*» « Geothite secondary 3.00*» « Jarosite secondary 2.00*»
		« 43.60- 52.00 Chlorite 3.00*» « Hematite 1.00*»
		Mineralization:
		« 41.80- 44.50 Specularite 10.00%» « Pyrite 0.30%»
		« 44.50- 52.00 Specularite 2.00%»
		Structure:
		« 45.00- 52.00 shear/fault zone with strong chlorite alteration. 30°»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
36.50	38.50	2.00	287980	0.066	0.61	25	16.9	20.40
38.50	40.50	2.00	287981	0.074	0.23	7	7.5	9.37
40.50	41.80	1.30	287982	-0.005	0.09	10	6.6	4.07
41.80	42.80	1.00	287983	0.060	1.05	27	11.7	35.00
42.80	43.60	0.80	287984	0.048	2.02	30	11.0	22.30
43.60	44.60	1.00	287985	-0.005	0.33	13	6.0	9.16
44.60	45.60	1.00	287986	0.027	0.46	27	21.9	20.70
45.60	46.60	1.00	287987	0.011	0.56	217	27.7	53.80
46.60	48.00	1.40	287988	-0.005	0.11	356	9.2	12.35
48.00	49.50	1.50	287989	-0.005	0.04	147	4.1	2.94
49.50	51.00	1.50	287990	-0.005	0.15	297	5.8	4.18
51.00	52.00	1.00	287991	-0.005	0.07	126	5.5	7.27

Project: Werneckes **Hole Number:** STM07-05

From	To	Rocktype & Description
52.00	60.70	slts

SILTSTONE: grey-black, fine grained, thinly bedded silstones. Unit is cut by thin do veins ~5%. Alteration is relatively weak compared to the above units. Several beds <3 cm thick are nearly completely replaced by hs.

Alteration:
« Hematite 1*»
« Chlorite 1.00*»

Mineralization:
« Specularite 7.00%»

Structure:
< @ 57.20 Bedding 20° >

From	To	Rocktype & Description
60.70	65.70	mxHS

MASSIVE HEMATITE: Nearly complete Specularite replacement of what appears to have been a breccia unit. Section is massive with no remenant primary structures and black in color. 63.8-64.2 m has slighly higher than average scintillometer counts, up too 170 cps.

Alteration
« Hematite 4*»

Mineralization:
« Specularite 30.00-70.00%»

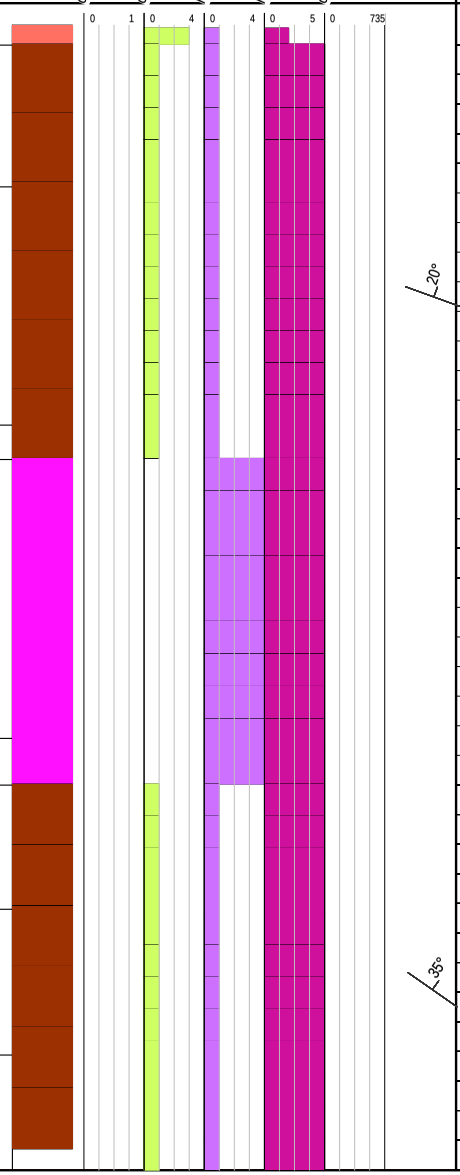
From	To	Rocktype & Description
65.70	180.50	slts

SILTSTONE: dark purple-black, some laminations defined by variable grain size (some fine sandstone layers). Beds are typically cm-scale.

Abundant (~3-5%) white irregular veinlets and stockwork cement cut the interval. Based on a weak reaction to HCl, these are likely dolomite. Dolomite rhombs up to 1 cm are also common throughout. The pervasive purple colour is also due to very fine-grained specular hematite grains.

95.5 -106 zone of stronger alteration with Pyrite - Chalcopyrite mineralization and a Barite vein. Dolomitic veining is more abundant through this section (~8%).

Alteration:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
52.00	54.00	2.00	287992	0.018	0.26	18	7.4	21.70
54.00	56.00	2.00	287993	0.037	0.44	6	4.8	84.10
56.00	58.00	2.00	287994	-0.005	0.15	9	5.4	11.30
58.00	60.00	2.00	287995	-0.005	0.16	17	6.7	9.66
60.00	60.70	0.70	287996	-0.005	0.18	16	6.1	7.13
60.70	61.70	1.00	287997	-0.005	0.21	39	3.4	17.30
61.70	62.70	1.00	287998	-0.005	0.25	62	2.9	7.48
62.70	63.70	1.00	287999	-0.005	0.37	330	5.6	15.05
63.70	64.10	0.40	288000	0.009	0.49	131	2.7	53.80
64.10	65.70	1.60	843101	0.019	0.24	19	4.1	16.05
65.70	67.00	1.30	843102	0.058	0.63	38	6.2	38.00
67.00	69.00	2.00	843103	0.016	0.09	5	3.1	23.50
69.00	71.00	2.00	843104	0.007	0.05	1	3.5	4.08
71.00	73.00	2.00	843105	0.015	0.07	4	7.4	5.63
73.00	75.00	2.00	843106	0.012	0.12	11	8.0	12.70
75.00	77.00	2.00	843107	0.009	0.04	1	7.5	13.25
77.00	79.00	2.00	843108	0.005	0.02	2	4.8	7.56
79.00	81.00	2.00	843109	0.031	0.19	2	5.2	5.50
81.00	83.00	2.00	843110	0.012	0.10	3	13.1	7.37
83.00	85.00	2.00	843111	0.027	0.23	5	18.0	15.20
85.00	87.00	2.00	843112	0.025	0.26	5	7.8	9.13
87.00	89.00	2.00	843113	0.017	0.11	3	5.4	19.30
89.00	91.00	2.00	843114	0.014	0.21	12	4.4	39.20
91.00	93.00	2.00	843115	0.057	0.21	6	8.1	35.20

Project: Werneckes **Hole Number:** STM07-05

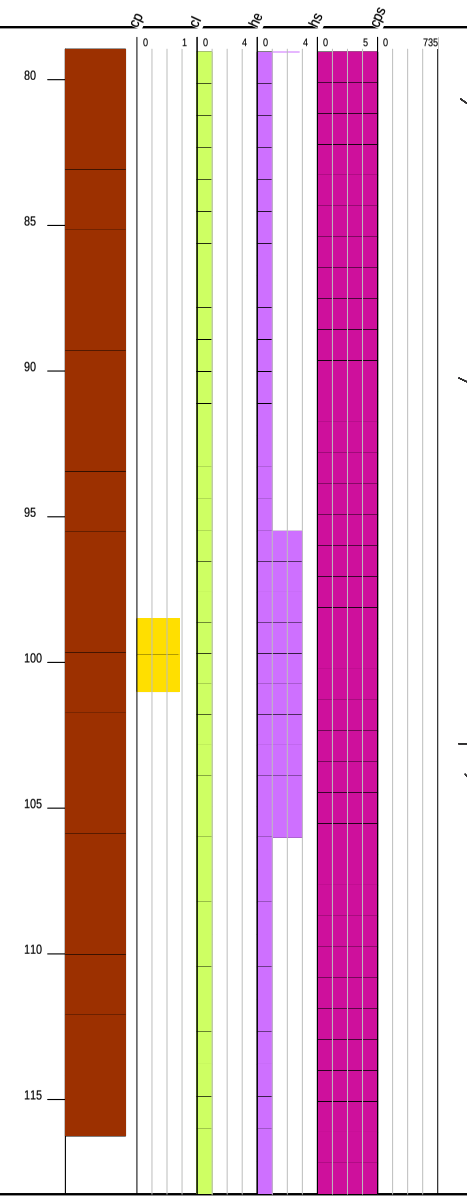
« 65.70- 95.50 Hematite 1*» « Chlorite 1.00*»
« 95.50- 106.00 Hematite 3*» « Silicification 2.00*» « Chlorite 1.00*»

« 106.00- 180.50 Hematite 1*» « Chlorite 1.00*»

Mineralization:
« Specularite 1.00-5.00%»
« 90.00- 95.00 Pyrite 1.00%» as mm veinlets and within cm do veins.
« 98.50- 101.00 Chalcopyrite 0.70%» « Pyrite 0.50%» « Malachite 0.30%»

« 102.60- 105.00 Pyrite 2.00%»

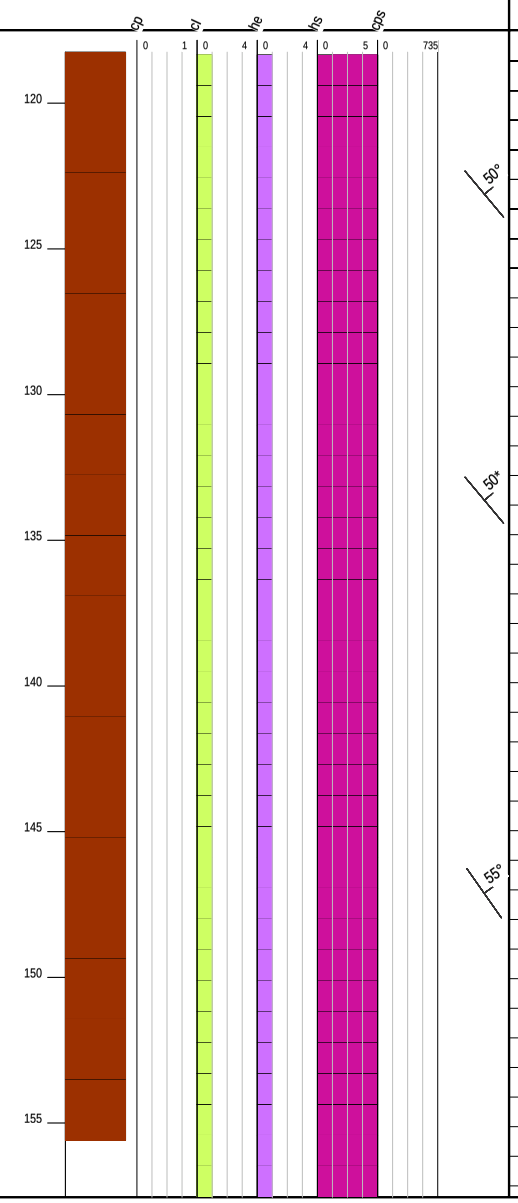
Structure:
< @ 71.90 cross bedding within fine sand layers show that the unit is 'right way up'. >
< @ 72.60 Bedding 35° >
< @ 81.10 Bedding 35 >
< @ 90.50 Bedding 25° >
< @ 102.60 BA-PY vein 30cm >
< @ 104.50 DO-QZ-PY vein 50° 25cm >
< @ 108.00 Bedding 60.00° >
< @ 123.00 Bedding 50.00° >
< @ 133.50 Bedding 50.00* >
< @ 147.00 Bedding 55.00° >
< @ 157.00 cross bedding within fine sst shows unit is 'right way up'. >
< @ 158.70 Bedding 65.00° >
< @ 168.00 Bedding 55.00° >
« 169.00- 171.00 zone of broken core fault? »
< @ 178.00 sand/gravel fault 20.00cm >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
93.00	95.00	2.00	843116	0.020	0.22	9	8.3	17.45
95.00	97.00	2.00	843117	0.008	0.05	126	6.7	6.20
97.00	98.60	1.60	843119	-0.005	0.05	311	7.0	1.58
98.60	100.70	2.10	843121	-0.005	0.13	907	5.1	5.12
100.70	102.50	1.80	843122	0.023	0.20	194	4.2	6.73
102.50	103.00	0.50	843123	0.008	1.73	502	6.6	10.25
103.00	104.50	1.50	843124	-0.005	0.30	54	5.2	3.26
104.50	106.00	1.50	843125	0.076	0.45	217	8.3	8.25
106.00	108.00	2.00	843126	0.006	0.07	9	9.4	4.24
108.00	110.00	2.00	843127	0.021	0.27	18	8.5	3.79
110.00	112.00	2.00	843128	0.008	0.12	8	9.9	6.45
112.00	114.00	2.00	843130	0.011	0.05	6	19.8	3.47
114.00	116.00	2.00	843131	0.051	0.11	5	13.4	5.99
116.00	118.00	2.00	843132	0.012	0.06	4	7.8	5.90
118.00	120.00	2.00	843133	0.009	0.05	12	6.6	5.44
120.00	122.00	2.00	843134	0.008	0.02	24	11.2	3.20
122.00	124.00	2.00	843135	-0.005	0.03	15	12.3	3.46
124.00	126.00	2.00	843136	0.010	0.04	13	10.6	4.44
126.00	128.00	2.00	843137	0.025	0.03	4	12.0	4.73
128.00	130.00	2.00	843138	0.027	0.03	10	12.0	2.90
130.00	132.00	2.00	843139	0.010	0.03	32	11.3	2.53
132.00	134.00	2.00	843140	0.024	0.02	15	6.8	0.79
134.00	136.00	2.00	843141	0.086	0.05	29	9.8	1.67
136.00	138.00	2.00	843142	0.036	0.04	44	8.4	3.33
138.00	140.00	2.00	843143	0.006	0.02	6	10.6	2.26
140.00	142.00	2.00	843144	0.026	0.15	18	7.8	12.35
142.00	144.00	2.00	843145	0.019	0.05	4	7.3	2.07
144.00	146.00	2.00	843147	0.009	0.04	17	6.1	2.01
146.00	148.00	2.00	843148	0.008	0.02	3	4.8	1.56
148.00	150.00	2.00	843149	0.014	-0.01	1	5.7	1.88
150.00	152.00	2.00	843150	0.050	0.05	3	4.7	2.63
152.00	154.00	2.00	843151	0.005	0.02	2	6.0	1.18
154.00	156.00	2.00	843152	0.017	0.02	3	4.7	0.96
156.00	158.00	2.00	843153	0.009	0.06	5	6.4	2.31
158.00	160.00	2.00	843154	0.016	0.05	3	5.7	2.25
160.00	162.00	2.00	843155	0.008	0.02	2	4.3	0.85
162.00	164.00	2.00	843156	0.018	0.03	2	5.1	1.65
164.00	166.00	2.00	843157	0.015	0.04	1	6.6	1.60

Project: Werneckes **Hole Number:** STM07-05

From	To	Rocktype & Description



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
166.00	168.00	2.00	843158	0.005	0.04	1	7.5	1.27
168.00	170.00	2.00	843159	0.011	0.19	4	15.3	3.07
170.00	172.00	2.00	843160	-0.005	0.08	2	4.5	1.47
172.00	174.00	2.00	843161	0.005	0.03	1	4.5	1.16
174.00	176.00	2.00	843162	-0.005	0.02	1	5.1	1.09
176.00	178.00	2.00	843163	-0.005	0.05	2	4.6	1.34
178.00	180.00	2.00	843164	-0.005	0.21	5	7.2	2.47
180.00	182.00	2.00	843166	-0.005	0.28	6	17.4	3.65

Project: Werneckes **Hole Number:** STM07-05

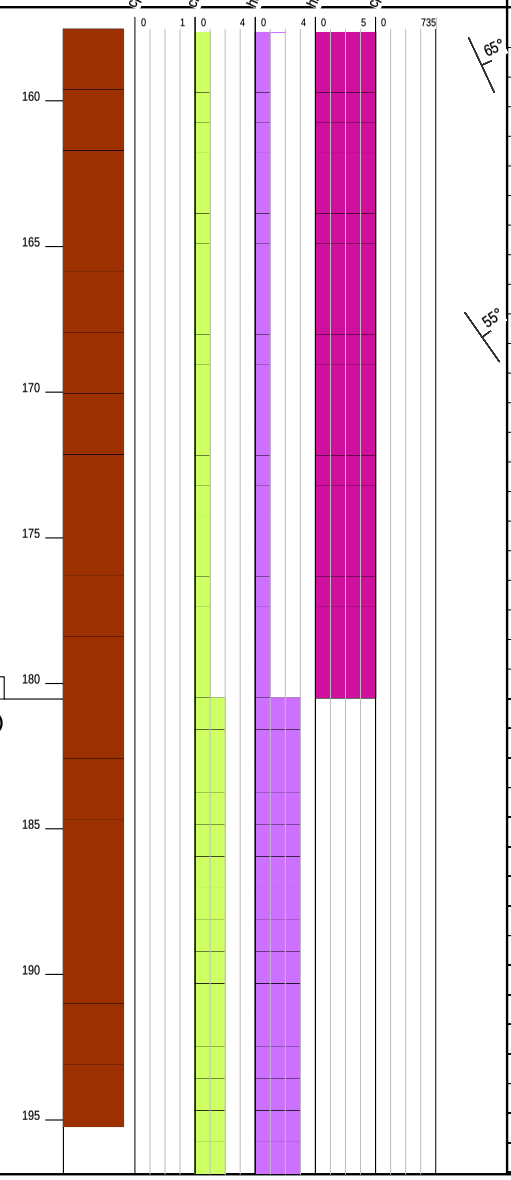
From	To	Rocktype & Description
180.50	241.50	slts

SHEARED SILTSTONES: green/red grey siltsontes with strong fabric (foliation) throughout the unit. Color varies on cm scale with alternating alteration phases (do - Hematite - Chlorite - ms). Unit also has a dark purple color due to fine-grained Specularite throughout.

Foliation varies from weak to strong throughout. More compentent layers are boudinaged locally. A fine grained schist is developed in some higher strain sections.

180.5-205m core is very blocky and broken with fault gouge in numerous locations indicating this section represents and major brittle structure (possibly a late fault).

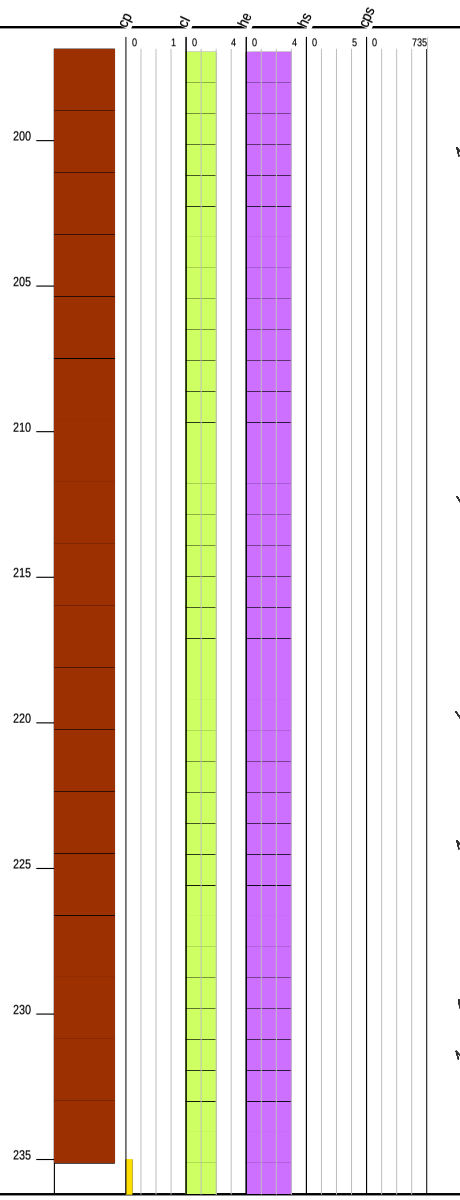
Alteration:
« Hematite 2-3*» « Dolomite 3» « Chlorite 2.00*»
« 201.00- 241.50 Sericite 2.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
182.00	184.00	2.00	843167	0.005	0.06	1	7.5	1.32
184.00	186.00	2.00	843168	-0.005	0.05	0	9.5	1.77
186.00	188.80	2.80	843169	0.005	0.05	0	12.3	1.65
188.80	190.00	1.20	843170	-0.005	0.09	2	8.7	1.64
190.00	192.00	2.00	843171	-0.005	0.11	2	8.9	2.28
192.00	194.00	2.00	843172	-0.005	0.71	4	8.6	2.57
194.00	196.00	2.00	843173	0.005	0.15	6	10.9	2.42
196.00	198.00	2.00	843175	-0.005	0.07	4	7.1	3.04
198.00	200.00	2.00	843176	0.005	0.07	1	4.2	1.79
200.00	202.00	2.00	843178	-0.005	0.21	1	7.5	1.67
202.00	204.00	2.00	843179	-0.005	0.05	3	8.9	2.31
204.00	206.00	2.00	843180	-0.005	0.08	1	10.4	1.20
206.00	208.00	2.00	843181	-0.005	0.76	3	12.3	1.67
208.00	210.00	2.00	843182	0.005	0.19	1	6.4	2.02
210.00	212.00	2.00	843183	-0.005	0.10	1	7.0	1.88
212.00	214.00	2.00	843184	-0.005	0.10	4	4.7	1.74
214.00	216.00	2.00	843185	-0.005	0.05	1	4.0	1.89

Project: Werneckes **Hole Number:** STM07-05

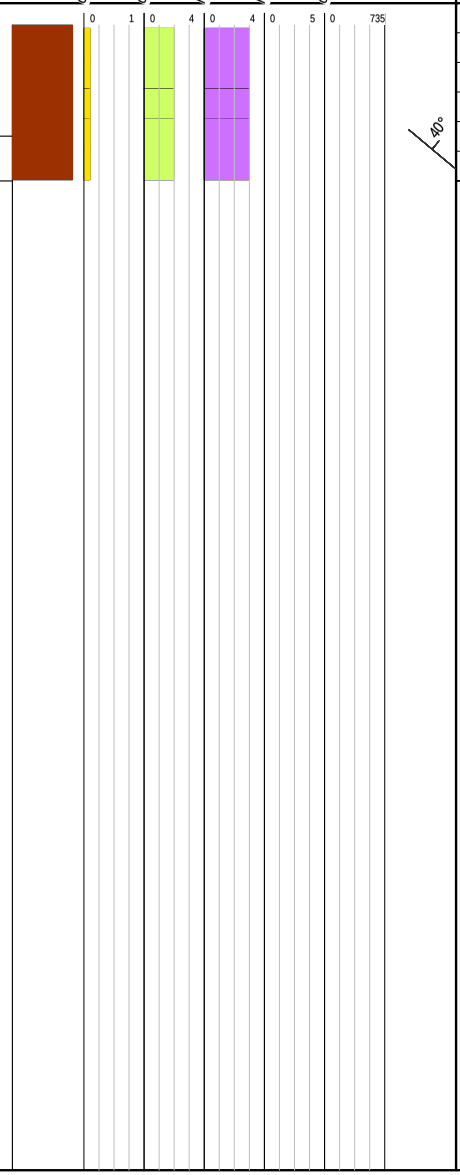
From	To	Rocktype & Description
		Mineralization:
		« 235.00- 241.50 Pyrite 0.50%» « Chalcopyrite 0.10%»
		Structure:
		« 180.50- 205.00 fault zone »
		< @ 201.00 S1 Foliation 50 >
		< @ 213.00 Bedding 58 >
		< @ 220.35 Bedding 55 >
		< @ 224.80 S1 Foliation 50° >
		< @ 230.30 S1 Foliation 54° >
		< @ 232.00 S1 Foliation 48° >
		< @ 240.30 Bedding 40° >
		< @ 241.50 EOH >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
216.00	218.00	2.00	843186	-0.005	0.07	1	5.0	1.66
218.00	220.00	2.00	843187	-0.005	0.11	2	5.6	1.66
220.00	222.00	2.00	843188	-0.005	0.06	1	5.3	1.39
222.00	224.00	2.00	843189	0.014	0.06	1	7.7	1.97
224.00	226.00	2.00	843190	0.017	0.05	2	4.9	1.40
226.00	228.00	2.00	843191	0.022	0.06	4	6.3	2.04
228.00	230.00	2.00	843193	0.016	0.01	1	5.8	2.03
230.00	232.00	2.00	843194	0.008	0.02	3	8.9	1.02
232.00	234.00	2.00	843196	0.012	0.17	8	21.4	1.89
234.00	236.00	2.00	843197	0.006	0.08	9	6.5	3.95
236.00	238.00	2.00	843198	-0.005	0.04	10	1.9	4.64
238.00	240.00	2.00	843199	-0.005	0.03	8	2.0	1.34
240.00	241.50	1.50	843200	0.005	0.06	16	5.3	3.72

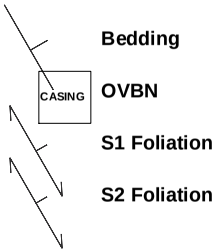
Project: Werneckes **Hole Number:** STM07-05

From	To	Rocktype & Description
241.50	241.50	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

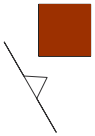
S2 Foliation

bht

bht,m

mts

mxHS



slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1528.0
Hole STM07-06	**Azimuth (º):** 70.0
Location: 7205999 m North, 527934 m East	**Dip (º):** -70.0
Logged by: N. Perk	**Length (m):** 284.70
Drilled by: Dorado	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/10 **Date Completed:** 2007/09/14	
Dip Tests By: Flexit	
Objective To test the MDV Zone at its southern extent.	

Summary Log:

5.1-6.5 m SEMI-MASSIVE TO MASSIVE HEMATITE (mxHS): Black, nearly complete replacement of what appears to have been a breccia unit.
6.5-21.5 m BRECCIA/SILTSTONE (bht, slts): Dark green/grey with red. Breccia is interbedded with siltstone. mHE, mCL, mMS, mDO.
21.5-56.5 m SILTSTONE/BRECCIA (slts, bht): Dark green-red unit of interbedded siltstones and breccias. Origin of breccias is likely sedimentary. w-sHE, w-mCL,w-mDO, with local mSI.
56.5-59.6 m SHEARED SILTSTONE (slts): green/red-grey stilstones with strong fabric (shear). Fabric is moderate throughout. wHE, mCL, mMS,and sDO.
59.6-88.7 m BRECCIA/SILTSTONE (bht, slts): Same as above. mHE, wCL, w-mMS, mDO.
88.7-107.2 m SILTSTONE/BRECCIA (slts, bht): Grey-black unit of interbedded siltstones and breccias. Origin of breccias is likely sedimentary. w-mHE, mDO, wCL, wSI.
107.2-148.9 m BRECCIA/SILTSTONE (bht, slts): Dark green/grey breccia with red. Breccia is interbedded with siltstone. m-iHE, wCL, wMS, m-sDO, w-mSI.
148.9-192.0 m SILTSTONE (slts): Dark grey-black, fine grained, thinkly bedded siltstones with dark purple hue likely to fine grained HS. wHE, wCL, w-mSI, w-mDO.
192.0-203.5 m BRECCIA/SILTSTONE (bht, slts): Grey-red, weak-moderately sheared. Interbedded units. mHE, mDO, wCL, wMS.
203.5-284.7 m SILTSTONE (slts): Black-brick red, fine grained, thinly bedded siltstones. Possibly a less altered equivalent to mineralized metasomatized sediments observed in other holes. mHE, wCL, w-mDO, wMS, wSI.

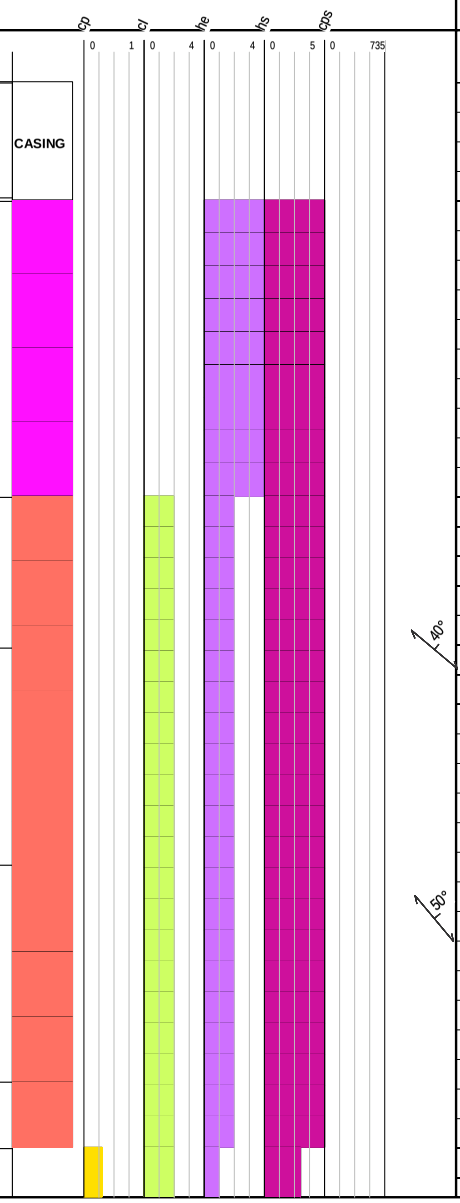
MINERALIZATION: Little significant mineralization observed. HS mineralization vaires greatly throughout. Trace PY and CP occur locally. 200-300 CPS within silstones at 237.4 m and 270.1 m.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-70.00	70.00
40.00	-69.80	74.30
94.00	-68.80	74.40
194.00	-67.30	79.70
284.00	-66.50	82.30

Project: Werneckes **Hole Number:** STM07-06

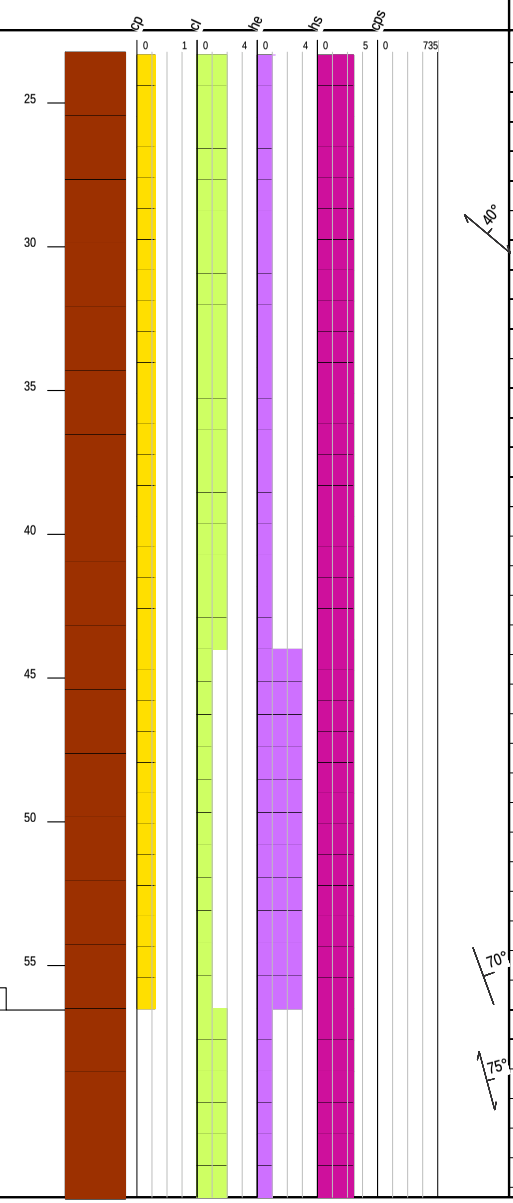
From	To	Rocktype	& Description
0.00	5.10	OVBN	CASING: broken core recovered, unknown if it was in place or not.
5.10	6.50	mxHS	MASSIVE HEMATITE: Nearly complete Specularite replacement of what appears to have been a breccia unit. Section is massive with no remenant primary structures and black in color. Alteration: « Hematite 4*» Mineralization: « Specularite 50.00-70.00%»
6.50	21.50	bht,m	BRECCIA/SILTSTONE: dark green/grey with redish sections depending on degree of chlorite and earthy hematite alteration. The breccia unit is interlayered/interbedded with siltstone units. Foliation/bedding direction is evident from preferred orientation of clasts as well as colour variation between beds. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Breccia is primarily matrix supported but is clast supported locally. Unit is cut by a few (<3 %) Dolomite - Quartz veinlets. These veinlets show no preferred orientation. Alteration: « 6.50- 21.50 Hematite 2*» « Chlorite 2.00*» « Sericite 2.00*» « Dolomite 2*» Mineralization: « Specularite 7.00-10.00%» Structure: < @ 10.00 S1 Foliation 40° > < @ 16.20 S1 Foliation 50° >
21.50	56.50	slts	SILTSTONE: dark green to red, fine-grained siltstones with interbedded



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
5.10	6.50	1.40	843201	0.013	0.31	15	4.9	19.70
6.50	8.50	2.00	843202	0.009	0.17	22	3.4	7.04
8.50	10.50	2.00	843203	-0.005	0.08	17	3.8	1.08
10.50	12.50	2.00	843204	-0.005	0.05	5	0.8	0.96
12.50	14.50	2.00	843205	-0.005	0.09	8	0.7	1.13
14.50	16.50	2.00	843206	0.015	0.36	81	4.4	5.58
16.50	18.50	2.00	843208	0.008	0.18	28	4.4	4.70
18.50	20.50	2.00	843209	0.007	0.08	8	4.0	1.42
20.50	21.50	1.00	843210	0.016	0.13	9	6.2	3.23
21.50	23.50	2.00	843211	0.006	0.06	603	2.1	3.82
23.50	25.50	2.00	843212	-0.005	0.10	534	2.9	4.89

Project: Werneckes **Hole Number:** STM07-06

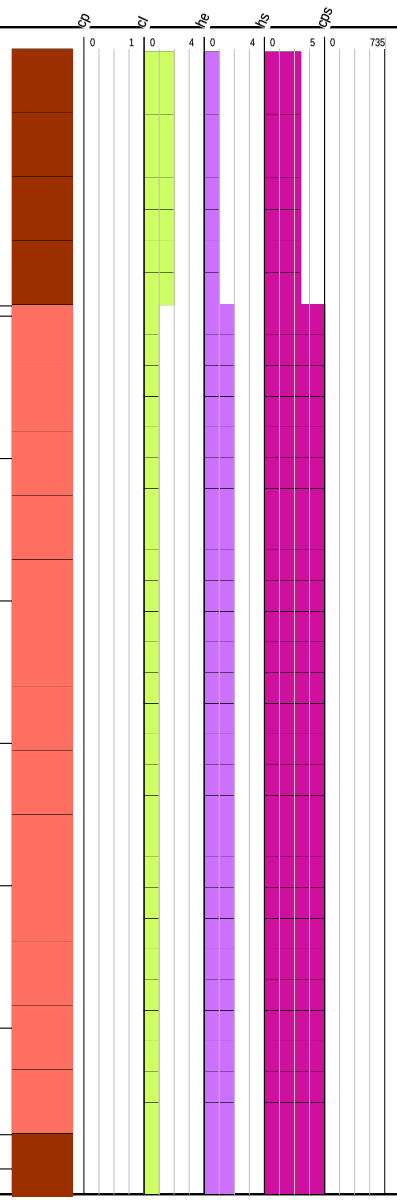
From	To	Rocktype & Description
		pebble/breccia units of unknown origin, likely sedimentarty. Bedding is difficult to recognize due to fine-grained texture and pervasive alteration but appears to be on a mm-cm scale.
		Unit is cut by (~5 %) Dolomite - Quartz discontinous veins, blebs, and stockwork. Veinlets show no prefered orientation. Locally these veinlets are brick red in color, this is likely due to a 'dusting' of Hematite on the Dolomite - qz.
		Alteration:
		« 21.50- 44.00 Hematite 1*» « Chlorite 2.00*» « Dolomite 1.00*»
		« 44.00- 56.50 Hematite 3.00*» « Chlorite 1.00*» « Dolomite 2.00*» « Silicification 2.00*»
		Mineralization:
		« 21.50- 56.50 Chalcopyrite 0.10-0.30%» as blebs and stringers
		« Pyrite 0.10-0.30%» as disseminations
		« 21.50- 56.50 Specularite 1.00-3.00%»
		Structure:
		< @ 29.50 S1 Foliation 40° >
		< @ 44.00 broken core with strong Chlorite frags, possibly a minor fault 40cm >
		< @ 55.30 Bedding 70° >
56.50	59.60	slts
		SHEARED SILSTONES: green/red grey siltsontes with strong fabric (foliation) throughout the unit. Color varies on cm scale with alternating alteration phases (dol - Hematite - Chlorite - ms). Foliation is moderate throughout. More compentent layers are boudinaged locally.
		Alteration:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
25.50	27.50	2.00	843214	0.008	0.09	840	1.6	2.96
27.50	29.50	2.00	843215	0.015	0.17	1980	1.4	4.58
29.50	31.50	2.00	843216	0.007	0.07	789	1.0	4.22
31.50	33.50	2.00	843217	0.006	0.11	1010	1.3	4.98
33.50	35.50	2.00	843218	0.005	0.17	683	6.8	7.77
35.50	37.50	2.00	843219	-0.005	0.10	286	3.5	5.15
37.50	39.50	2.00	843220	0.012	0.23	2810	4.9	10.40
39.50	41.50	2.00	843221	0.012	0.30	3690	7.1	11.85
41.50	43.50	2.00	843222	0.047	0.31	3450	4.9	10.85
43.50	45.50	2.00	843223	-0.005	0.07	146	3.7	1.89
45.50	47.50	2.00	843224	-0.005	0.07	97	2.5	2.53
47.50	49.50	2.00	843226	0.012	0.16	2550	3.0	3.10
49.50	51.50	2.00	843227	0.014	0.17	3770	3.7	2.97
51.50	53.50	2.00	843228	-0.005	0.06	90	2.2	1.54
53.50	55.50	2.00	843230	-0.005	0.06	32	2.4	1.95
55.50	56.50	1.00	843232	-0.005	0.05	8	3.3	1.85
56.50	58.00	1.50	843233	0.009	0.05	6	4.3	2.35
58.00	59.60	1.60	843234	0.010	0.07	5	3.5	1.59

Project: Werneckes **Hole Number:** STM07-06

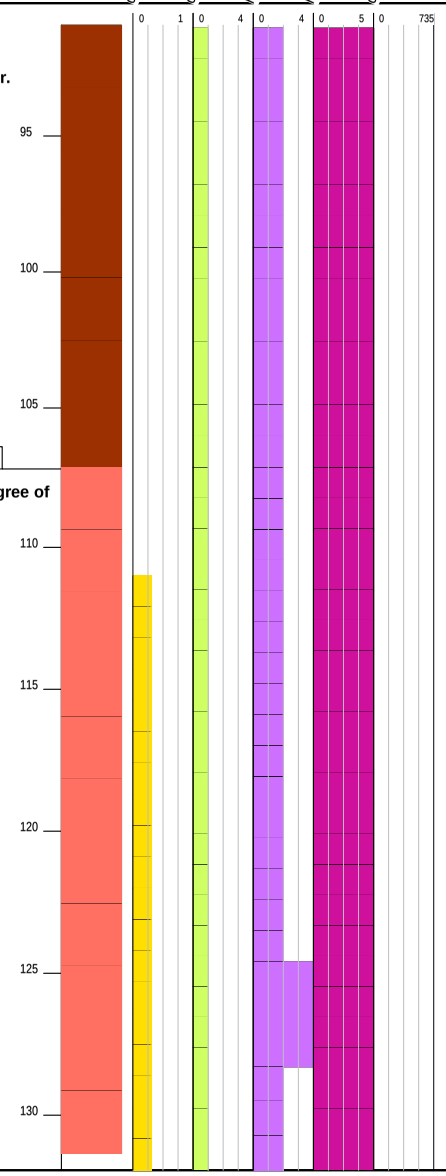
From	To	Rocktype & Description
		« Sericite 2.00*» « Dolomite 3*» « Hematite 1.00*» « Chlorite 2.00*»
		Mineralization:
		« Specularite 3.00%»
		Structure:
		< @ 57.00 S1 Foliation 75.00° >
59.60	88.70	bht,m
		BRECCIA/SILTSTONE: dark green/grey with redish sections depending on degree of chlorite and earthy hematite alteration. The breccia unit is interlayered/interbedded with siltstone units. Foliation/bedding direction is evident from preferred orientation of clasts as well as colour variation between beds. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Breccia is primarily matrix supported but is clast supported on locally.
		Unit is cut by a few (<3 %) Dolomite - Quartz veinlets. These veinlets show no preferred orientation.
		Alteration:
		« 59.60- 88.70 Hematite 2*» « Chlorite 1.00*» « Sericite 1.00-2.00*»
		« Dolomite 2.00*»
		Mineralization:
		« Specularite 5.00-7.00%» « Pyrite 0.10%»
		Structure:
		< @ 76.00 S1 Foliation 76° >
		< @ 87.80 S1 Foliation 45° >
88.70	107.20	slts
		SILTSTONE/BRECCIA: Grey-black unit of interbedded silstones and breccias. Origin of breccias is unknown, but are likely sedimentary. Breccias vary from



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
59.60	61.50	1.90	843235	0.050	0.14	11	4.7	7.40
61.50	63.50	2.00	843236	0.031	0.09	4	5.1	4.24
63.50	65.50	2.00	843237	0.025	0.11	7	5.7	2.45
65.50	67.50	2.00	843238	0.012	0.18	57	5.5	5.61
67.50	69.50	2.00	843239	0.006	0.08	62	5.4	2.57
69.50	71.50	2.00	843241	0.026	0.19	40	6.8	4.69
71.50	73.50	2.00	843242	0.033	0.19	273	9.0	10.20
73.50	75.50	2.00	843243	0.018	0.14	280	6.9	5.58
75.50	77.50	2.00	843245	0.011	0.15	133	8.8	7.67
77.50	79.50	2.00	843246	0.013	0.10	16	6.8	6.78
79.50	81.50	2.00	843247	0.009	0.03	5	7.0	1.38
81.50	83.50	2.00	843248	0.014	0.24	3	6.9	3.64
83.50	85.50	2.00	843249	0.008	0.06	5	11.2	2.31
85.50	87.50	2.00	843250	0.010	0.06	2	6.3	1.91
87.50	88.70	1.20	843251	0.073	0.35	3	8.8	7.11
88.70	91.00	2.30	843252	0.021	0.09	11	7.9	7.62
91.00	93.00	2.00	843253	0.008	0.05	60	6.6	8.32
93.00	95.00	2.00	843254	0.006	0.03	58	5.7	1.62

Project: Werneckes **Hole Number:** STM07-06

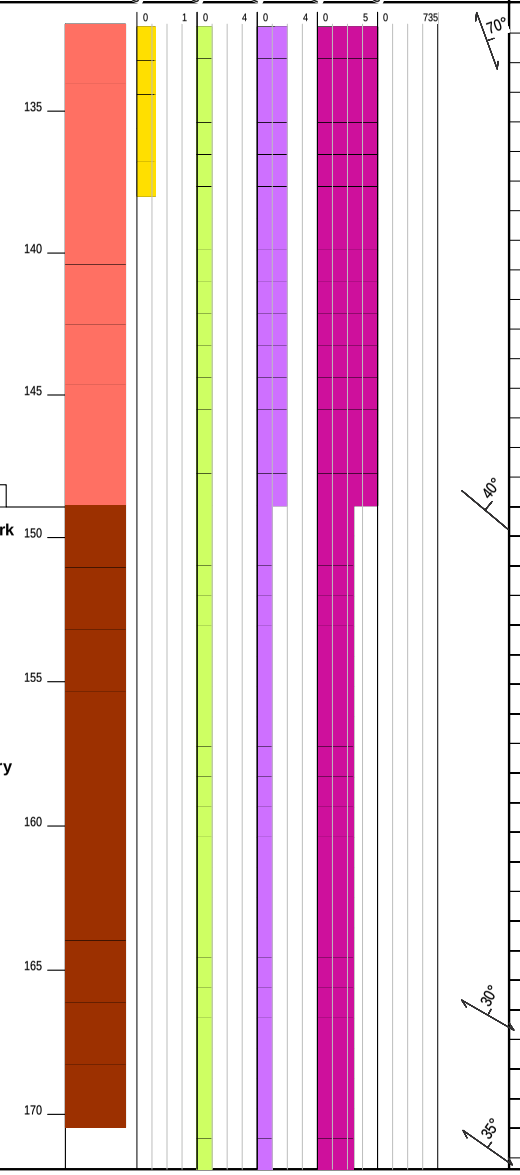
From	To	Rocktype & Description
		matrix to clast supported, clasts are primarily composed of fine-grained sediments with weak-strong Hematite alteration and are sub-rounded to angular.
		Alteration:
		« Hematite 1-2*» « Dolomite 2*» « Chlorite 1.00*» « Silicification 1.00*»
		Mineralization:
		« Specularite 3.00-5.00%»
		Structure:
		< @ 98.70 S1 Foliation 45° >
107.20	148.90	bht,m
		BRECCIA/SILTSTONE: dark green/grey with reddish sections depending on degree of chlorite and earthy hematite alteration. The breccia unit is interlayered/interbedded with siltstone units. Foliation/bedding direction is evident from preferred orientation of clasts as well as colour variation between beds. Clasts size ranges from mm-scale up to 10cm in diameter with sub-rounded to angular clasts. Breccia is primarily matrix supported but is clast supported locally.
		Unit is cut by the same Dolomite - Quartz veins noted in above sections, however the Quartz content of these veins appears to increase through this section. Quartz > Dolomite in several veins lower in the unit. These veins (<3 %) are typically discontinous, do not have a prefered orientatioin, and have trace amounts of Pyrite and Chalcopyrite locally.
		124.6-128.3 A distinctly brick red, clast supported, strongly Hematite altered pebble Bedding (S0) with cm size pebbles.
		Alteration:
		« 107.20- 124.60 Hematite 2*»
		« 124.60- 128.30 Hematite 4*»
		« 128.30- 148.90 Hematite 1-2*»
		« 107.20- 148.90 Chlorite 1.00*» « Silicification 1.00-2.00*» « Sericite



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
95.00	97.00	2.00	843256	0.007	0.21	98	13.7	1.88
97.00	99.00	2.00	843257	0.027	0.14	2	12.6	6.20
99.00	101.00	2.00	843258	-0.005	0.02	1	5.9	1.77
101.00	103.00	2.00	843259	0.012	0.05	6	9.9	2.49
103.00	105.00	2.00	843260	0.008	0.09	2	8.2	2.33
105.00	107.20	2.20	843261	-0.005	0.03	24	7.7	3.78
107.20	109.00	1.80	843262	0.005	0.08	4	13.9	1.49
109.00	111.00	2.00	843263	0.011	0.06	2	11.8	7.62
111.00	113.00	2.00	843264	0.010	0.08	1870	7.1	5.97
113.00	115.00	2.00	843265	0.022	0.16	1060	9.3	7.31
115.00	117.00	2.00	843266	0.022	0.31	257	8.5	7.04
117.00	119.00	2.00	843267	0.026	0.07	2740	8.3	6.08
119.00	121.00	2.00	843269	0.011	0.06	13	7.8	5.14
121.00	123.00	2.00	843270	0.016	0.20	31	8.5	5.97
123.00	124.60	1.60	843271	0.018	0.10	34	7.2	4.04
124.60	126.60	2.00	843273	0.030	0.21	631	7.5	13.45
126.60	128.30	1.70	843274	0.035	0.22	856	14.6	15.55
128.30	130.00	1.70	843275	0.023	0.24	447	10.3	25.40
130.00	132.00	2.00	843276	0.121	0.40	848	18.6	20.20
132.00	134.00	2.00	843277	0.012	0.11	16	7.2	4.37
134.00	136.00	2.00	843278	0.011	0.10	146	10.3	3.89
136.00	138.00	2.00	843279	0.007	0.09	38	8.0	2.43
138.00	140.00	2.00	843280	0.009	0.10	1	8.7	4.34
140.00	142.00	2.00	843281	0.013	0.08	1	12.9	5.78
142.00	144.00	2.00	843282	0.008	0.04	1	16.7	2.06
144.00	146.00	2.00	843283	0.015	0.04	1	13.8	6.40
146.00	148.00	2.00	843285	0.011	0.63	23	9.3	4.16
148.00	148.90	0.90	843286	0.013	0.11	202	16.1	6.59

Project: Werneckes **Hole Number:** STM07-06

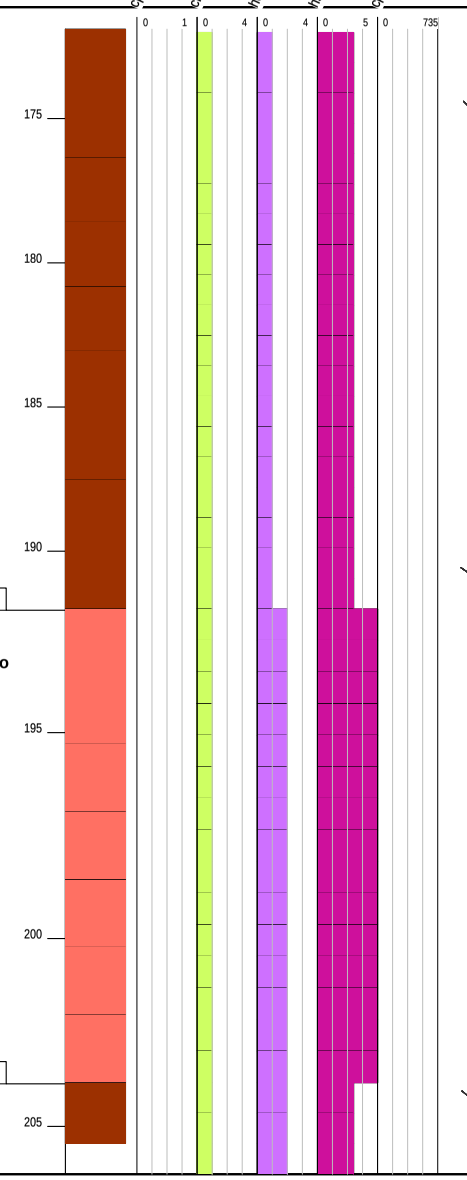
From	To	Rocktype & Description
		1.00*» « Dolomite 2.00-3.00*»
		Mineralization:
		« Specularite 5.00-10.00%»
		« 111.00- 138.00 Chalcopyrite 0.10-0.30%» « Pyrite 0.10%»
		« 113.00- 119.00 Malachite 0.10%»
		Structure:
		< @ 115.50 S1 Foliation 40° >
		< @ 132.50 S1 Foliation 70.00° >
		< @ 148.90 Bedding 40.00° >
148.90	192.00	slts
		SILTSTONE: Dark grey-black, fine grained, thinly bedded (mm scale), with a dark purple hue likely due to fine-grained hs. Grain size is dominately silt with occasional fine sand and pebble breccia beds.
		Unit is cut by (3-5 %) irregular Dolomite - Quartz veins that lack a prefered orientation. Locally these veins contain trace amounts of Chalcopyrite and/or py.
		Foliation appears to be bedding parallel throughout the section. No sedimentary structures indicating younging or 'way-up' were found.
		« Several Quartz - Calcite veins with trace Pyrite and euhedral chlorite. Veins are 1-7 cm in width and cut the unit at various angles. »
		Alteration:
		« Hematite 1*» « Chlorite 1.00*» « Silicification 1.00-2.00*» « Dolomite 1.00-2.00*»
		Mineralization:
		« Specularite 1.00-3.00%»
		« 171.00- 176.00 Pyrite 0.10%» as stringers within Quartz - Calcite



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
148.90	151.00	2.10	843287	0.009	0.04	15	10.6	3.99
151.00	153.00	2.00	843289	0.019	0.03	41	9.6	1.87
153.00	155.00	2.00	843290	0.008	0.06	23	6.8	2.78
155.00	157.00	2.00	843291	0.009	0.47	48	11.3	3.98
157.00	159.00	2.00	843292	0.025	0.14	69	9.6	4.67
159.00	161.00	2.00	843293	0.009	0.02	16	5.6	1.34
161.00	163.00	2.00	843294	-0.005	0.03	8	6.4	1.52
163.00	165.00	2.00	843295	0.005	0.04	20	6.2	2.32
165.00	167.00	2.00	843296	0.006	0.04	54	8.3	3.28
167.00	169.00	2.00	843297	0.008	0.08	41	13.5	18.75
169.00	171.00	2.00	843298	0.005	0.03	90	11.6	2.39
171.00	173.00	2.00	843299	0.008	0.01	2	13.8	1.73
173.00	175.00	2.00	843300	0.006	0.08	2	11.1	3.32
175.00	177.00	2.00	843301	0.008	0.09	1	10.7	1.69
177.00	179.00	2.00	843302	0.006	-0.01	0	12.9	1.64
179.00	181.00	2.00	843303	0.008	-0.01	21	9.7	1.55
181.00	183.00	2.00	843304	0.005	-0.01	0	11.2	2.68
183.00	185.00	2.00	843305	0.006	-0.01	1	11.4	1.60
185.00	187.00	2.00	843306	0.044	0.03	1	12.3	2.16
187.00	189.00	2.00	843307	0.019	0.05	2	11.6	1.18
189.00	191.00	2.00	843308	0.013	0.07	5	11.9	10.70
191.00	192.00	1.00	843309	0.006	0.05	6	12.8	4.59

Project: Werneckes **Hole Number:** STM07-06

From	To	Rocktype & Description
		veins Structure: « 156.50- 158.10 Section of broken core with minor amounts of gauge. Fault » < @ 166.50 S1 Foliation 30° > < @ 171.10 S1 Foliation 35° > < @ 175.00 Bedding 45° > < @ 191.00 Bedding 35° >
192.00	203.50	bht,m
		BRECCIA/SILTSTONE: grey-red, weak-moderately sheared unit of interbedded breccias and siltstones. Breccia clasts are sub-rounded to angular, mm scale to ~10 cm in diameter, with weak-strong Hematite alteration. Unit is cut by 3-5% Dolomite - Quartz veins without a prefered orientation. Alteration: « Hematite 2*» « Dolomite 2*» « Chlorite 1.00*» « Sericite 1.00*» Mineralization: « Specularite 7.00%» Structure: < @ 202.60 S1 Foliation 60° > < @ 205.80 S1 Foliation 65° >
203.50	284.70	slts
		SILTSTONE: black-brick red, fine-grained (silt-fine sand), thinly bedded unit of silstones. Brick red layers appear to be Hematite alteration of the coarser layers. Locally this texture helps to make thin graded beds visible as color



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
192.00	194.00	2.00	843310	0.037	0.24	14	17.6	5.41
194.00	196.00	2.00	843311	0.008	0.07	8	8.2	3.73
196.00	198.00	2.00	843313	0.011	0.13	4	14.8	8.87
198.00	199.60	1.60	843314	0.016	0.20	6	6.7	2.55
199.60	201.60	2.00	843315	0.014	0.18	15	8.7	8.68
201.60	203.50	1.90	843317	0.023	1.54	28	12.4	8.90
203.50	205.00	1.50	843318	0.103	0.05	23	8.0	1.66
205.00	207.00	2.00	843319	-0.005	0.05	6	5.1	1.09
207.00	209.00	2.00	843320	0.006	0.20	12	5.3	1.49
209.00	211.00	2.00	843321	0.005	0.03	7	5.8	2.47

Project: Werneckes **Hole Number:** STM07-06

changes from red to black as grain size decreases within a bed.

Although this unit is not as strongly altered as the mineralized zone seen at surface and in other drill holes, it does have a similar appearance and is possibly a less altered (more distal??) equivalent.

Assuming that bedding is graded 'normal' (from coarse to fine upwards), these graded beds provide a good indication of 'way-up'. Cross-beds are seen in several locations and support that the beds are indeed graded 'normally'. A detailed look at the 'way-up' throughout this unit shows at least two reversals. Surficial mapping in the area has identified several fold hinges, suggesting that folding is responsible for 'way-up' reversals within this section.

Alteration:

« 206.50- 293.80 Hematite 2*» stronger within the coarser beds.

« Chlorite 1.00*» « Dolomite 1.00-2.00*» « Sericite 1.00*» « Silicification 1.00*»

Mineralization:

« Specularite 1.00-3.00%» very fine grained, giving the unit a purplish hue, difficult to estimate an accurate percentage.

< @ 236.00 trace Chalcopyrite - Pyrite within Quartz - Dolomite vein. >

< @ 237.40 Scintillometer counts up too 300 cps around a strongly Hematite altered bed? >

« 256.00- 259.00 trace Pyrite within Dolomite - Quartz veins. »

< @ 270.10 up too 235 cps >

Structure:

< @ 207.30 graded bedding shows beds to be 'right way up'. Bedding 40° >

< @ 212.00 graded bedding shows beds to be 'right way up'. Bedding 25° >

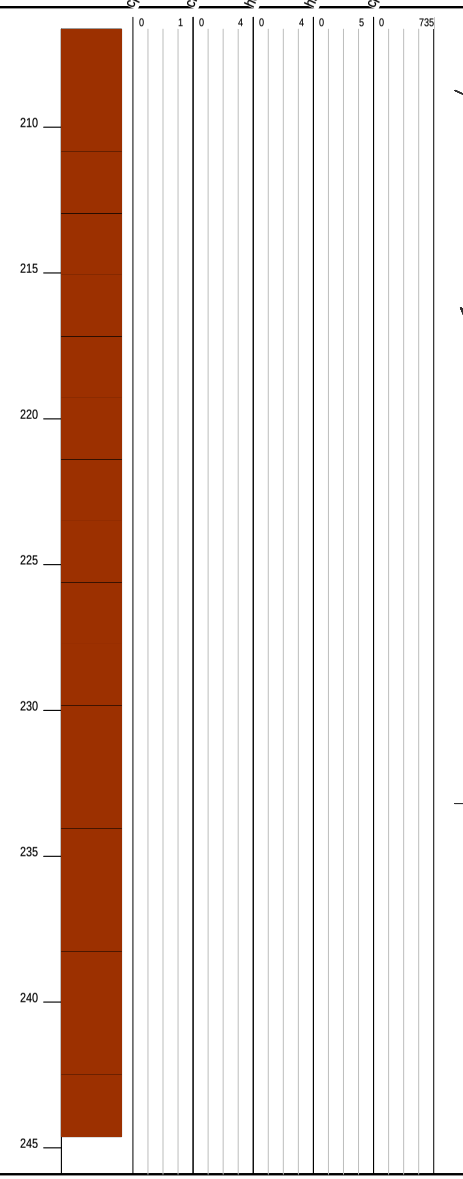
< @ 213.30 graded bedding shows beds to be 'right way up'. Bedding 65° >

< @ 216.60 section of broken core. Possibly fault or fold hinge. 60cm >

< @ 219.80 S1 Foliation 40° >

< @ 223.00 graded bedding shows beds to be 'overturned'. Bedding 70° >

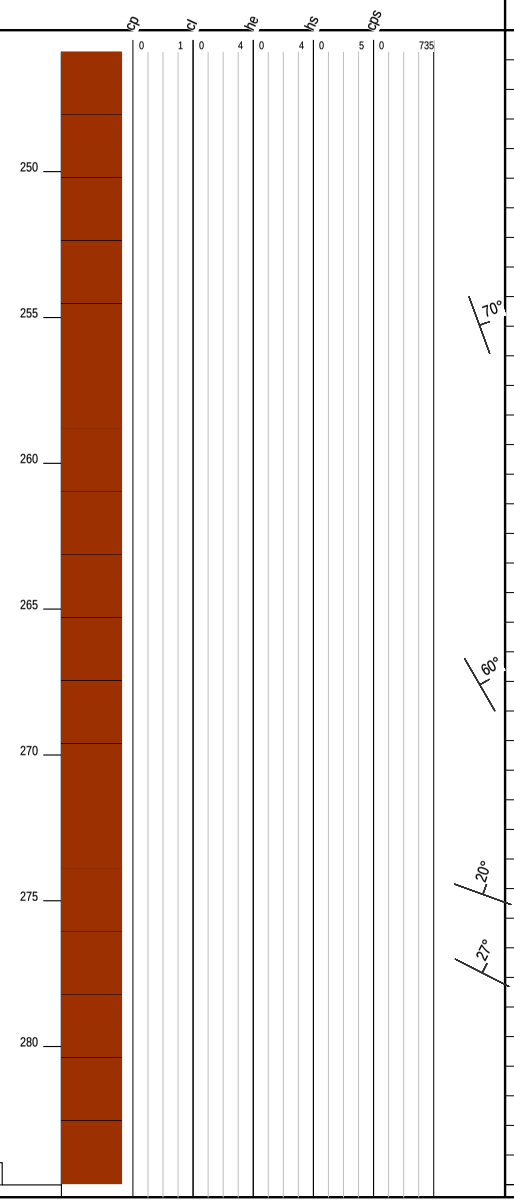
< @ 227.90 graded bedding shows beds to be 'overturned'. Bedding 90° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
211.00	213.00	2.00	843322	0.006	0.06	3	5.5	1.18
213.00	215.00	2.00	843323	0.005	0.07	7	5.4	0.92
215.00	217.00	2.00	843324	-0.005	0.24	7	9.1	0.88
217.00	219.00	2.00	843325	-0.005	0.12	3	17.5	0.96
219.00	221.00	2.00	843326	-0.005	0.12	5	13.7	1.02
221.00	223.00	2.00	843327	-0.005	0.05	9	7.5	1.16
223.00	225.00	2.00	843329	0.006	0.16	5	11.9	1.56
225.00	227.00	2.00	843330	0.006	0.32	16	9.5	1.28
227.00	229.00	2.00	843331	0.010	0.15	17	6.0	2.07
229.00	231.00	2.00	843332	0.006	0.01	5	5.7	2.10
231.00	233.00	2.00	843333	-0.005	2.69	14	6.8	2.70
233.00	234.20	1.20	843334	-0.005	0.07	45	7.6	1.35
234.20	234.60	0.40	843335	0.009	0.03	93	6.7	2.69
234.60	236.60	2.00	843336	0.006	0.17	42	7.3	5.35
236.60	238.60	2.00	843337	0.012	0.04	30	173.5	6.35
238.60	240.70	2.10	843338	-0.005	0.03	9	8.2	3.00
240.70	243.00	2.30	843339	-0.005	0.02	6	12.7	3.38
243.00	245.00	2.00	843340	-0.005	0.02	9	6.9	1.89
245.00	247.00	2.00	843341	-0.005	0.06	4	11.0	1.74
247.00	249.00	2.00	843342	-0.005	0.02	4	34.0	2.12
249.00	251.00	2.00	843343	-0.005	0.02	6	6.6	1.61
251.00	253.00	2.00	843344	0.006	0.07	16	8.5	4.01
253.00	255.00	2.00	843345	-0.005	0.03	15	9.1	2.66
255.00	257.00	2.00	843346	-0.005	0.03	14	9.9	2.98
257.00	259.00	2.00	843347	0.005	0.03	13	9.3	3.79
259.00	261.00	2.00	843348	0.005	0.04	27	12.0	4.24
261.00	263.00	2.00	843349	0.007	0.02	18	16.7	3.11
263.00	265.00	2.00	843350	0.005	0.07	24	21.6	2.36
265.00	267.00	2.00	843351	0.005	0.01	6	18.3	2.82
267.00	267.30	0.30	843352	0.005	0.03	2	209.0	3.90
267.30	269.00	1.70	843353	-0.005	0.01	6	12.1	1.86
269.00	271.00	2.00	843354	0.011	0.01	1	17.0	1.97
271.00	273.00	2.00	843355	-0.005	0.01	3	15.1	2.78
273.00	275.00	2.00	843356	0.007	0.06	84	20.7	4.39
275.00	277.00	2.00	843357	0.007	0.02	2	7.9	2.04
277.00	279.90	2.90	843359	0.014	-0.01	12	20.1	2.00
279.90	281.80	1.90	843360	0.006	0.06	29	12.8	2.26
281.80	284.70	2.90	843361	-0.005	0.02	3	9.6	1.62

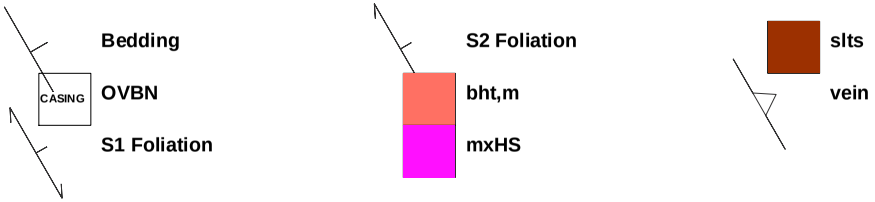
Project: Werneckes **Hole Number:** STM07-06

From	To	Rocktype & Description
		< @ 232.90 Bedding 70° >
		< @ 243.70 Bedding 75° >
		< @ 247.00 graded bedding shows beds to be 'overturned'. Bedding 70° >
		< @ 258.20 Bedding 70° >
		< @ 270.50 Bedding 60° >
		< @ 277.60 Bedding 20° >
		< @ 280.30 Bedding 27° >
		< @ 284.70 EOH >
284.70	284.70	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



DRILL LOG

Project: Weneckes	**Collar Elevation (m):** 1533.0
Hole UT07-08	**Azimuth (º):** 170
Location: 7200214 m North, 534320 m East	**Dip (º):** -42.0
Logged by: S.Boyce	**Length (m):** 142.34
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/15 **Date Completed:** 2007/08/18	
Dip Tests By: Flexit	
Objective To test for U mineralization at the Rio Zone.	

Summary Log:

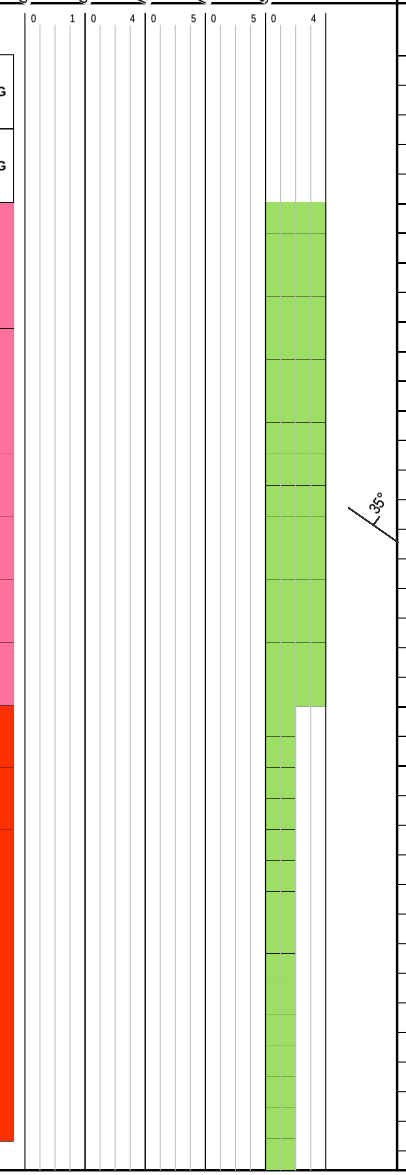
0 - 6.7 m CASING
6.71 - 15.7 m CHERT (cht): light tan colour; 7% qz-ca-py veinlets; py 0.7%.; trace mc.
15.7 - 17.7 m WERNECKE BRECCIA (bht): silicified, grading from strong to weak downhole; py 0.5%.
17.7 - 46.7 m SILTSTONE (slts): 10% ca-qz-py veining; minor to trace py, trace cp.
46.7 - 52.8 m CHERT (cht): Trace cp.
52.8 - 60.0 m METASOMATIZED SEDIMENTS (mts): mottled colour; possible siltstone protolith; w-mAB, MS, CB alteration; sSI; py 2%.
60.0 - 74.2 m WERNECKE BRECCIA (bht): sSI, mCL, m-sHE; minor mg-cb-py zones; py 1-2%, trace cp.
74.2 - 77.1 m METASOMATIZED SEDIMENTS (mts): sMS, wSI and resembles U-mineralized zone in Trench 2 above; rest of unit sSI and wMS with 3% qz veining; unit weakly foliated; below 75.84m 8% py along foliation planes.
77.1 - 78.8 m WERNECKE BRECCIA (bht): i-SI, m-MS; py 0.5%.
78.8 - 92.0 m CHERT(cht): wMS; 3% qz veining; 0.5% HS, trace cp.
92.0 - 102.7 m DOLOMITE (dol): apple green; iSI, mMS, probable weak potassic alteration; trace sulphides.
102.7 - 114.3 m WERNECKE BRECCIA (bht): sSI; local sMG; w-mMS/AB/CB alteration; w-mHE; HS 0.5%.
114.3 - 118.8 m SHALE/SILTSTONE (shl): healed graphitic fault zone?
118.8 - 142.3 m SILTSTONE (slts): upper part of unit iSI, sMS, with 5% irregular qz veining, trace sulphides and trace probable fine brannerite; Wernecke breccia from 127.8 to 142.3m, similarly altered; lower part of unit weakly altered only (silicified).
142.3m = EOH

Downhole surveys:

Depth	Dip	Azimuth
0.00	-42.00	170.00
10.00	-41.70	168.70
50.00	-40.40	171.30
100.00	-39.40	169.30
140.00	-38.40	172.30

Project: Werneckes **Hole Number:** UT07-08

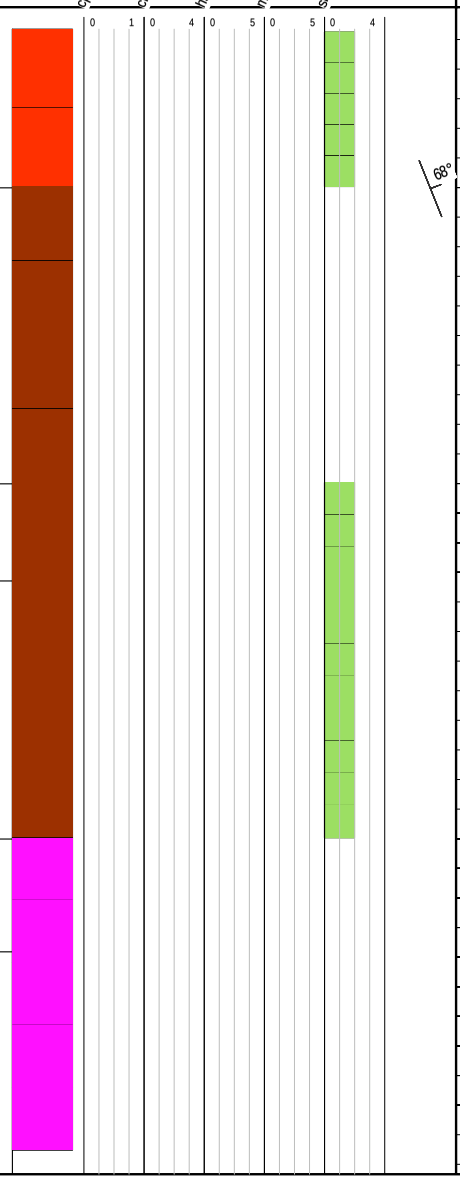
From	To	Rocktype & Description
0.00	6.71	OVBN CASING. No core recovered.
6.71	15.72	cht CHERT. Light tan. Highly siliceous. Generally massive but faint bedding planes noted locally. Strong pervasive silica alteration (or original composition). « Silicification 3.00*» Weak pervasive sericite alteration. « Sericite 1.00*» Abundant qtz>calcite>pyrite-chlorite veinlets. Veinlets are randomly oriented, dirty looking due to limonitic oxidation.« qtz>calcite>py-chlorite veining 7.00%» Pyrite in unit is associated with veining « Pyrite 0.70%» « Limonite 1.00*» Trace malachite - stain on fracture surface at 7.84m. malachite < @ 7.84 coating fracture surface > < @ 12.40 bedding 35° >
15.72	17.72	bht HETEROLITHIC BRECCIA. Colour mottled off-white to grey to dark grey, with overall colour darkening downhole. Pebble-sized clasts vary from black to reddish to yellowish; many of them are quite siliceous. Breccia represents contact between chert above and siltstone below, and in fact may be two narrow breccia dykes at upper and lower contacts with a siltsone raft/section in between. Matrix is probably carbonate>silica although difficult to tell due to later alteration. Contacts are abrupt but irregular. The entire unit has been subjected to subsequent quartz-calcite alteration, probably related to the veining in the above chert unit, with the intensity of silicification decreasing from strong to weak downhole. Although veinlets are present in this unit as well they are less discrete, more discontinuous. Pyrite is also associated with the vein material, particularly in the upper half of the unit. calcite alteration « veining and matrix 3*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
7.55	8.00	0.45	846684	-0.005	0.09	173	1.4	0.70
8.00	8.77	0.77	846685	-0.005	0.33	283	1.5	1.78
8.77	9.50	0.73	846686	-0.005	0.08	62	1.8	0.69
9.50	10.50	1.00	846687	-0.005	0.15	182	1.5	1.25
10.50	11.38	0.88	846688	-0.005	0.16	179	1.7	0.53
11.38	12.52	1.14	846690	-0.005	0.19	385	2.1	1.45
12.52	13.12	0.60	846691	-0.005	0.17	371	2.5	0.39
13.12	14.33	1.21	846692	-0.005	0.11	69	1.6	0.82
14.33	15.72	1.39	846693	-0.005	0.07	20	1.6	1.41
15.72	16.50	0.78	846694	0.006	0.27	14	1.5	14.90
16.50	17.37	0.87	846695	0.005	0.19	17	2.5	6.63
17.37	17.72	0.35	846697	0.026	0.80	1790	2.5	4.02

Project: Werneckes **Hole Number:** UT07-08

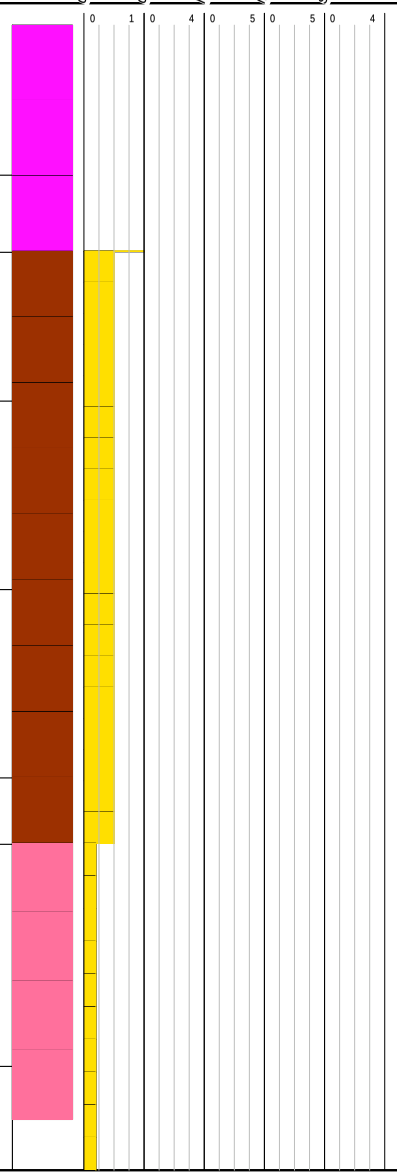
From	To	Rocktype	& Description
			silicification « intensity increases downhole 2*»
			pyrite « wispy, associated with veining 0.5%»
17.72	18.67	slts	
			SILTSTONE.
			Colour dark grey. Faint bedding visible.
			Cut by 10% calcite-qtz>pyrite veinlets; in the upper part of the unit these are
			parallel to bedding planes, but in the lower part of the unit they form a
			stockwork.
			bedding < 68 deg.>
			calcite alteration « 3*»
			py « associated with veinlets 0.5% »
			« calcite-quartz>pyrite 10%»
18.67	23.47	slts	
			SILTSTONE (DEFORMED).
			Colour very dark grey. Same unit as above but deformed due to contrast between
			relatively soft siltstone and adjacent hard quartz vein. Calcite-qtz veinlets
			have also been totally deformed, resulting in blebs of this material. Minor
			graphitic component.Trace pyrite.
			calcite alteration « 2.00*»
			« Graphite 3.00%»
			silica alteration « deformed veining and patchy alt'n 2* »
			Moderate, localized « shear fabric 40-50°»
23.47	31.02	vn	
			QUARTZ VEIN.
			Mottled dark grey, yellow-brown, off-white, tan with wispy rust overprint.
			Upper contact sharp at 35 deg tca.. Core at lower contact broken so not
			possible to measure.
			Vein has been subjected to later brittle facturing (crackle-breccia), with
			calcite-qtz>pyrite infilling. Locally this vein material has been weathered-out
			leaving pits/vugs, particularly towards the upper contact, and there is
			significant limonite staining due to oxidation of sulphides.There are also
			trace pink blebs/streaks which could be carbonate or kspar or hematite
			staining.
			It is conceivable, based on the colouration, that this is a fine-grained



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
17.72	18.67	0.95	846698	-0.005	0.18	76	2.8	3.06
18.67	20.42	1.75	846699	0.005	0.40	164	16.8	5.49
20.42	21.05	0.63	846701	0.007	0.92	84	13.5	6.79
21.05	22.16	1.11	846702	0.005	0.78	222	7.1	7.23
22.16	23.47	1.31	846703	0.008	0.45	57	4.7	10.35
23.47	24.27	0.80	846704	-0.005	0.23	25	2.6	2.39
24.27	25.17	0.90	846705	0.005	0.16	13	2.1	2.18
25.17	26.00	0.83	846706	-0.005	0.18	11	1.2	1.48
26.00	26.65	0.65	846707	0.006	0.23	132	6.4	4.70
26.65	27.45	0.80	846708	-0.005	0.39	18	3.1	2.53
27.45	28.53	1.08	846710	-0.005	0.20	19	2.3	1.27
28.53	29.37	0.84	846711	0.007	0.66	42	3.4	3.54
29.37	29.78	0.41	846712	-0.005	0.19	34	2.5	4.69
29.78	30.33	0.55	846713	0.010	0.50	44	2.2	2.22
30.33	31.02	0.69	846714	-0.005	0.14	62	1.7	1.13

Project: Werneckes **Hole Number:** UT07-08

From	To	Rocktype	& Description
			sedimentary unit (e.g. siltstone) that has been totally silicified.
			pyrite « assoc'd w later cal-qtz vn'g 1%»
			veining « calcite-qtz>pyrite 3%»
			28.3- 28.53 « rounded pebbles; possible cave material »
			« 29.78- 29.85 rounded pebbles; possible cave material »
31.02	46.73	slts	SILTSTONE. Colour dark grey - similar colour to Quartet shale but not foliated. Bedding noted locally. Lower contact gradational over 5 cm. Weakly carbonatized. Cut by minor (4%) qtz+/-carbonate (ankerite?) veinlets; below 44.4m this is more blebby than vein-like. Many of these veinlets exhibit rusty weathering and contain pits, suggesting sulphides that have been weathered out. Locally chalcopyrite is still present (0.05% overall). bedding < @ 31.02 40-60° > « dominant veinlet orientation 40-45°» « 38.40- 38.50 fracture zone » « 31.02- 46.73 Chalcopyrite 5%»
46.73	52.80	cht	CHERT. Colour pale tan to medium grey. Highly siliceous; locally bedding (mm to 1cm scale) noted. « fine quartz-pyrite>chalcopyrite+/-carbonate stringers 1%» « 46.73- 52.80 fine qtz-py>chalco+/-carb veining 45°» veining 45.00°» dominant orientation is 40 to 50 deg but these are cut by another set of qtz>pyrite stringers at approximately 10 deg tca « qtz-py stringers veining 5%» « qtz-py veining 10°». Some stringers are irregular in orientation. The lower contact is chaotic. « overall pyrite content 0.5%» « overall chalco content 0.2%» < @ 47.25 bedding 40° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
31.02	31.80	0.78	846715	0.009	0.42	143	7.4	3.65
31.80	32.50	0.70	846717	0.016	0.59	138	4.2	3.24
32.50	33.25	0.75	846718	0.027	0.42	46	3.5	1.44
33.25	34.05	0.80	846719	0.005	0.30	143	5.8	3.89
34.05	34.75	0.70	846721	0.006	0.36	201	6.6	4.48
34.75	35.30	0.55	846722	-0.005	0.16	74	4.2	1.80
35.30	36.20	0.90	846723	-0.005	0.13	54	3.8	1.70
36.20	37.10	0.90	846725	-0.005	0.17	25	3.5	2.38
37.10	38.05	0.95	846726	-0.005	0.15	63	4.1	2.96
38.05	38.85	0.80	846727	-0.005	0.11	37	3.6	1.78
38.85	39.67	0.82	846728	-0.005	0.25	50	4.0	1.72
39.67	40.55	0.88	846729	-0.005	0.10	58	4.6	1.25
40.55	41.30	0.75	846730	-0.005	0.19	91	6.9	2.65
41.30	42.10	0.80	846731	-0.005	0.08	82	5.2	1.05
42.10	42.95	0.85	846732	-0.005	0.14	513	5.1	2.58
42.95	43.75	0.80	846733	-0.005	0.14	143	5.9	1.72
43.75	44.30	0.55	846734	-0.005	0.26	74	4.3	1.93
44.30	45.45	1.15	846735	0.014	0.53	916	6.8	6.44
45.45	46.23	0.78	846736	0.014	0.60	752	9.0	15.10
46.23	46.73	0.50	846737	0.006	0.27	64	5.2	10.25
46.73	47.67	0.94	846738	0.006	0.10	37	11.0	3.76
47.67	48.68	1.01	846739	0.011	0.21	261	10.6	10.80
48.68	49.62	0.94	846741	0.049	0.64	864	9.5	42.00
49.62	50.60	0.98	846742	0.012	0.17	163	6.9	16.80
50.60	51.40	0.80	846743	0.011	0.21	134	10.5	34.00
51.40	52.15	0.75	846744	0.070	0.60	190	11.7	44.30
52.15	52.50	0.35	846745	0.082	0.88	993	39.5	185.50

40°

40°

Project: Werneckes **Hole Number:** UT07-08

From	To	Rocktype & Description
52.80	59.95	mts

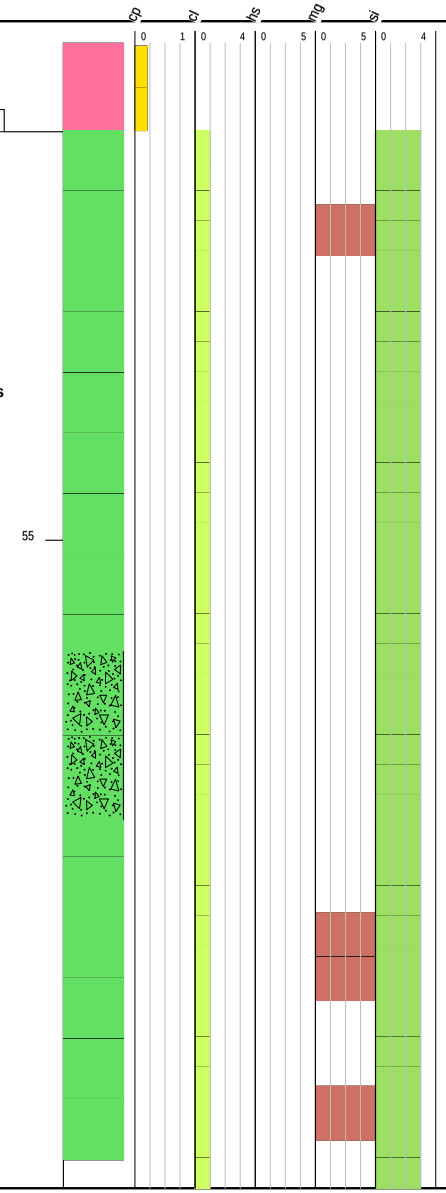
METASOMATIZED SEDIMENTS.
Colour mottled yellow-green, grey, red, black; very chaotic appearance. Difficult to be sure of protolith but possibly siltstone. Locally laminated/bedded; appears to grade into heterolithic breccia below. Upper contact sharp. Constitutes contact between siltstone and breccia below. Unit has been strongly silicified, patchily hematized (hence the red tinge) (or kspar altered?), and locally subjected to strong magnetite-pyrite+/-carbonate alteration. Magnetite is medium- to coarse-grained and anhedral. Overall pyrite content is 2%, but reaches 7% in magnetite-rich zones, where it often occurs as inclusions with magnetite grains. Unit contains 1% quartz veining, up to 4cm wide, many with chlorite selvages, appear barren of sulphides.

Alteration/mineralization minerals and percentages are as follows:
« strong pervasive silicification 3.00*»
carbonate (not calcite), may be overprinted by silica « moderate, identification not positive carbonate alteration 2.00*»
« weak Sericite 1*»
weak fracture/vein-related « Chlorite 1.00*»
« possible moderate Albite 1.00*»
« disseminated, stringers, and associated with magnetite Pyrite 2%»
« moderate patchy hematization 2.00*»

Magnetite-pyrite-silica+/-carbonate rich zones are as follows:
« 53.2- 53.4 magnetite 40%»
« 57.00- 57.47 magnetite 20%»
« 57.93- 58.22 magnetite 30%»

Structures:
< @ 52.80 contact 68.00° >
< @ 55.15 on mm to 1cm scale, possible remnant bedding banding 80 >
< @ 53.10 possible remnant bedding banding 65° >
< @ 53.85 1cm banding 52° >
« 59.50- 59.95 fracture zone »

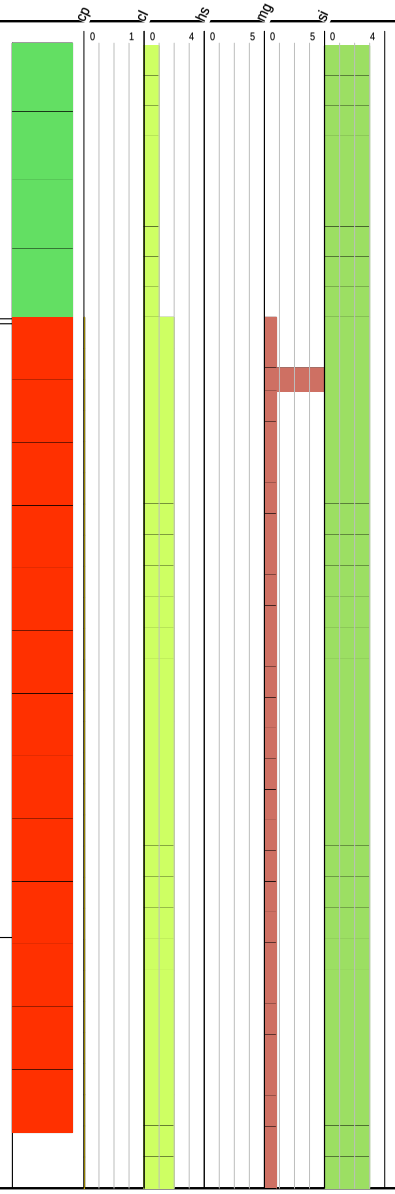
Veining:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
52.50	53.18	0.68	846746	0.151	0.78	823	26.5	126.50
53.18	53.47	0.29	846747	0.062	0.50	319	21.0	48.70
53.47	54.18	0.71	846748	0.048	0.59	12	9.6	67.00
54.18	54.70	0.52	846749	0.045	0.53	12	10.0	24.70
54.70	55.18	0.48	846750	0.036	0.26	17	8.4	16.50
55.18	55.62	0.44	846751	0.199	1.86	459	11.1	116.50
55.62	56.56	0.94	846752	0.037	0.20	37	7.0	26.20
56.56	57.00	0.44	846753	0.044	0.20	6	14.2	30.90
57.00	57.47	0.47	846754	0.603	1.08	913	16.5	302.00
57.47	57.93	0.46	846756	0.103	0.73	45	13.2	115.00
57.93	58.22	0.29	846757	0.835	2.02	4320	14.3	349.00
58.22	58.95	0.73	846758	0.048	0.08	37	6.3	32.60
58.95	59.95	1.00	846759	0.065	0.45	39	9.4	74.30

Project: Werneckes **Hole Number:** UT07-08

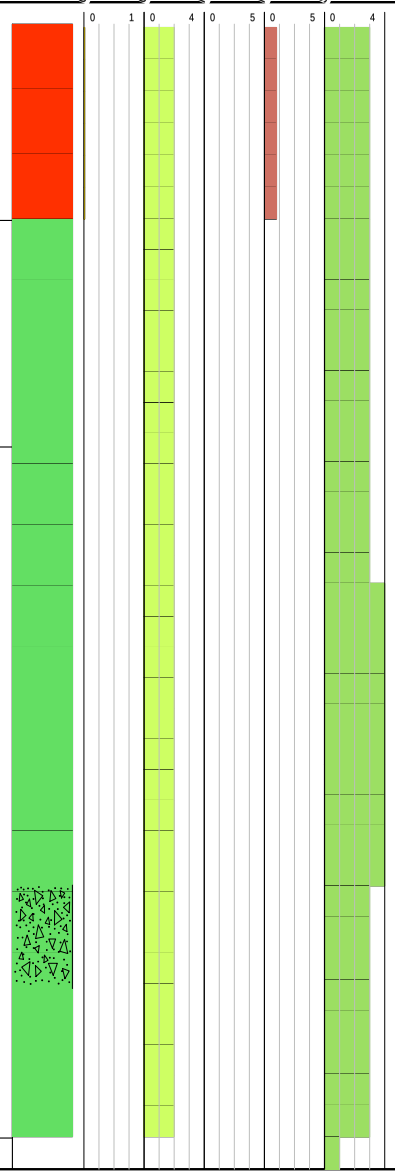
From	To	Rocktype & Description
		« 52.80- 59.95 quartz veining 1%»; dominant orientation « 52.80- 59.95 60°»
		From 55.6 and 56.5 a section that may be a heterolithic breccia, but subjected to the same alteration as the rest of the unit. Discrete clasts are difficult to recognize, but section has been cut by numerous chlorite stringers.
		« 55.60- 56.50 bht »
59.95	68.63	bht
		HETEROLITHIC BRECCIA.
		Very chaotic in appearance and colouration - mottled green, dark grey, off-white, orangy, yellow-brown, red. Clasts are often difficult to recognize; many of the most discrete clasts are a reddish hue, pebble-size and sub-rounded - although the latter property may simply be a factor of alteration rather than transport.
		The entire unit is strongly pervasively silicified; this silica overprint makes determination of other minerals by their hardness and reactivity to HCl difficult.
		Chlorite appears to be the dominant matrix constituent, along with possible sericite. These often occur as irregular stringers, to resemble a crackle breccia, but in some short sections they are so abundant as to make the breccia locally clast-supported.
		Overall, clasts are typically lighter-coloured and may have undergone albitization and/or carbonate alteration prior to the silica overprinting.
		Minor magnetite is present, with a magnetite-pyrite+/-carbonate zone similar to those noted in the previous unit of metasomatized sediments present between « 60.36- 60.55 magnetite 35%». Contacts of this zone are fairly sharp at 55 deg tca.< @ 60.36 magnetite zone contact 55° > < @ 60.55 magnetite zone lower contact 55° >
		Alteration:
		« strong silicification 3*»« moderate chlorite 2*» « poss carb (not cal) 2*» « weak sericite 1*» « possible albitization 2*» « weak, patchy mag 1*» « moderate patchy staining hematite 2*» « 61.37- 62.55 moderate staining limonite 2»
		Mineralization:
		« disseminated pyrite 2%»
		« 59.95- 68.63 trace chalcopyrite 0.01%»
		Veining:
		Trace late (post-silicification) qtz-calcite veinlets are present, with no



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
59.95	60.34	0.39	846760	0.014	0.08	3	7.2	12.85
60.34	60.67	0.33	846761	0.090	0.78	3	16.4	32.30
60.67	61.62	0.95	846762	0.006	0.09	2	12.0	6.69
61.62	62.53	0.91	846763	0.016	0.14	3	11.5	29.50
62.53	63.25	0.72	846764	0.066	0.78	5	8.9	47.10
63.25	64.12	0.87	846765	0.033	0.57	2	5.2	17.90
64.12	64.92	0.80	846766	-0.005	0.17	4	4.3	5.17
64.92	65.75	0.83	846767	0.014	0.21	4	5.1	11.45
65.75	66.63	0.88	846768	0.010	0.18	2	4.8	6.76
66.63	67.63	1.00	846769	0.010	0.16	4	6.6	6.23
67.63	68.63	1.00	846770	0.005	0.11	16	4.3	3.07

Project: Werneckes **Hole Number:** UT07-08

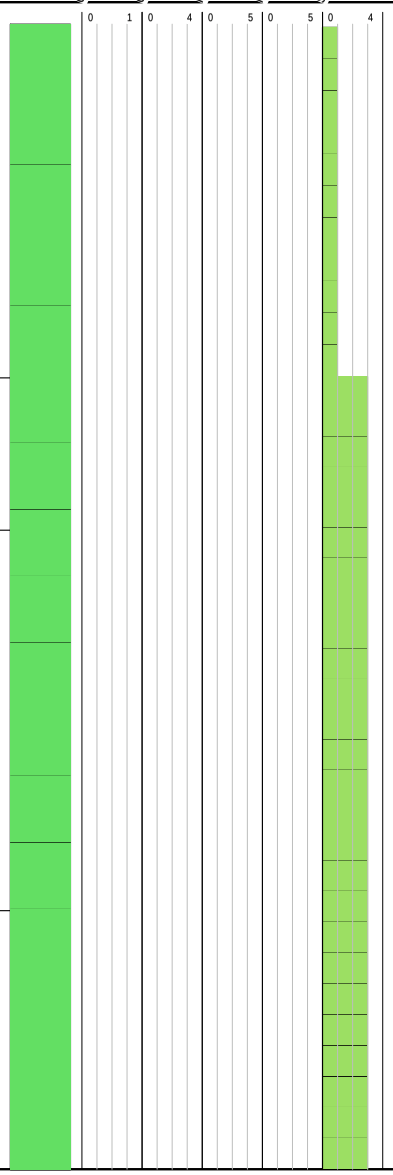
From	To	Rocktype & Description
		favoured orientation. « 59.95- 68.63 qtz-calcite veining 0.5%»
		Structure:
		« 62.90- 63.00 fracture zone » « 59.90- 59.95 fracture zone »
68.63	74.15	mts
		HETEROLITHIC BRECCIA.
		Similar to preceding heterolithic breccia unit but with a stronger hematite/kspar component, and thus has a strong reddish overprint (salmon red to deep brick red). Hematite/kspar content decreases towards lower contact. Silicification is also slightly stronger in this unit, being intense locally. Magnetite was not observed. Pyrite content is lower (1%).
		Alteration:
		« 68.63- 70.82 strong silicification 3*»
		« 70.82- 72.64 intense silicification 4*»
		« 72.64- 74.15 strong silicification 3*»
		« 68.63- 74.15 matrix component- alteration? chlorite 2*»
		« 68.63- 74.15 suspected kspar 2*»
		« 68.63- 74.15 moderate to strong, patchy hematite 2*»
		« weak sericite 1*»
		« suspected carbonate 1*»
		Mineralization:
		« Pyrite 1.00%»
		From « 72.64- 73.26 dark grey probable slts clast, brecciated slts »
		Trace « 68.63- 74.15 qtz>calcite veining 0.3%»
74.15	74.66	mts
		METASOMATIZED SEDIMENTS



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
68.63	69.30	0.67	846771	0.008	0.15	4	4.9	5.29
69.30	70.30	1.00	846772	0.009	0.16	8	5.2	5.87
70.30	71.18	0.88	846773	-0.005	0.10	10	3.7	5.31
71.18	72.10	0.92	846774	-0.005	0.06	7	8.0	2.02
72.10	72.62	0.52	846775	-0.005	0.09	2	3.2	4.72
72.62	73.22	0.60	846776	-0.005	0.08	5	4.6	15.90
73.22	73.80	0.58	846778	-0.005	0.15	4	4.3	122.00
73.80	74.15	0.35	846779	0.006	0.15	5	7.0	22.60
74.15	74.66	0.51	846780	0.005	0.05	9	6.5	3.53

Project: Werneckes **Hole Number:** UT07-08

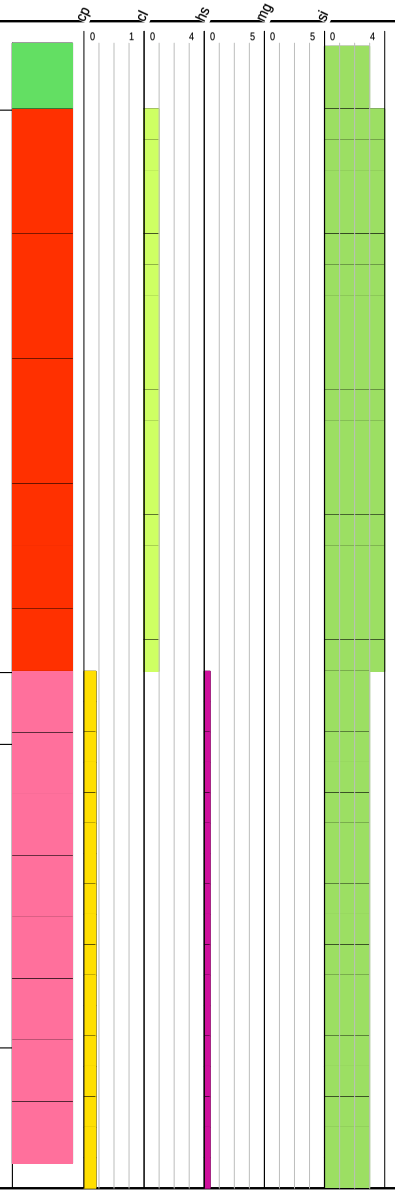
From	To	Rocktype & Description
		(Possible target). Very pale green, homogeneous. Weakly sheared « weak shearing foliation 50°». Resembles U-mineralized zone in overlying Trench 2 although lacks the yellow coating on the fracture surfaces (which may be due to secondary weathering) and is not anomalous on the scint. Strong « sericite 3*». Weak « silicification 1*». Cut by « qtz>calcite>pyrite veining 2%» as stringers and narrow veinlets; « veining 60°». « Pyrite 0.01%» Black spots on fracture surfaces, can be smeared... organics? Upper < @ 74.15 contact 35° >; lower < @ 74.66 contact 45° >.
74.66	75.84	mts
		METASOMATIZED SEDIMENTS. Resembles the mts above but slightly less sericitized and more silicified. Light green, faint light brown tinge, and in upper half of unit reddish to rust overprint. A more creamy colour adjacent to upper contact - probably due to strong albitization. Weakly sheared « foliated 45°», most pronounced towards lower contact. « Silicification 3.00*» « Sericite 2.00*» « 74.66- 75.84 Albite 2*» « Hematite 1.00*» « Limonite 1.00*» « qtz veining 3%»; average orientation« veining 45°»; minor pyrite associated with these veinlets/stringers. « Pyrite 0.05%» Lower < @ 75.84 contact 45° >. From « 75.32- 75.36 Fe-carbonate(?) vein 45°», contains numerous wallrock inclusions. Probably late.
75.84	77.08	mts
		METASOMATIZED SEDIMENTS (Pyritized). Mottled pale grey, dark grey with green-brown (pyrite) streaks. Protolith impossible to be sure of but probably fine-grained sediment. Well-expressed laminations expressed by pyrite, likely following foliation planes. « laminations 45.00°» Strong pervasive « Silicification 3.00*». Probable moderate « Albite 2.00*» . « Pyrite 8.00%» . « Limonite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
74.66	75.45	0.79	846781	0.019	0.18	121	43.8	13.85
75.45	75.84	0.39	846782	0.010	0.07	25	6.0	6.80
75.84	76.50	0.66	846783	0.027	0.73	40	8.2	7.30
76.50	77.08	0.58	846784	0.015	0.35	16	4.0	8.34

Project: Werneckes **Hole Number:** UT07-08

From	To	Rocktype & Description
77.08	78.80	bht
		HETEROLITHIC BRECCIA.
		Mottled creamy, light green, pale yellow, pale reddish-brown. Much of unit has fluidized texture; clasts are most obvious towards lower contact. There is a cobble-sized clast of the unit below (chert) adjacent to the lower contact. The upper 20cm of the unit is a creamy colour and may be intensely albitized as well as silicified; this section is also foliated whereas the rest of the unit is more massive.
		Intense pervasive « Silicification 4.00*» .
		Moderate overall « Albite 2.00*»
		Moderate « Sericite 2.00*»
		Weak « Chlorite 1.00*»
		Weak probable « carbonate 1*» in matrix.
		Disseminated « Pyrite 0.50%».
		From « 77.08- 77.28 weak foliation 60°».
78.80	91.96	cht
		CHERT.
		Striped grey, tan and red-brown on a 0.5 to 5mm scale (representing bedding), very distinctive appearance. Highly siliceous. Uncertain whether red-brown striping is due to kspar or hematite.
		Cut by «qtz+/-kspar veining 3%»; these veins contain significant amounts of specular hematite and (lesser) chalcopyrite. Many of the wider veins contain pink probable kspar; the widest resemble breccia dykes with numerous inclusions of wallrock. These veins seem to have no preferred orientation, and many are irregular/discontinuous.
		Overall « Chalcopyrite 0.20%» ; « Specularite 0.50%»
		« 83.06- 83.24 pink qtz-kspar vein »
		« 83.93- 84.30 pink qtz-kspar vein »
		« 87.23- 87.48 pink qtz-kspar(?) w 20% wallrock inclusions vein »
		« 88.03- 88.11 kspar-spec hem with large rotated wallrock clast vein »
		« 89.60- 90.35 qtz-kspar veining 20%»

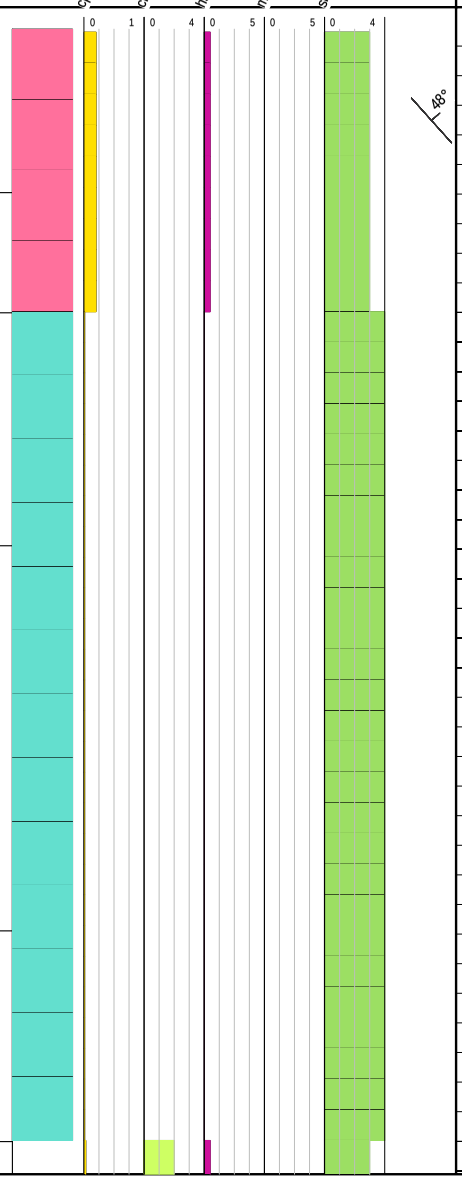


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
77.08	77.70	0.62	846785	-0.005	0.07	10	2.6	2.68
77.70	78.33	0.63	846787	0.007	0.19	5	3.4	23.70
78.33	78.80	0.47	846788	0.007	0.09	3	7.0	19.80
78.80	79.60	0.80	846789	-0.005	0.04	2	2.5	1.38
79.60	80.25	0.65	846790	-0.005	0.03	1	2.4	0.99
80.25	81.00	0.75	846791	-0.005	0.05	2	2.8	0.38
81.00	81.75	0.75	846792	-0.005	0.05	2	2.7	0.47
81.75	82.50	0.75	846793	-0.005	0.07	1	2.5	0.27
82.50	83.32	0.82	846794	-0.005	0.09	1	2.1	0.29
83.32	83.85	0.53	846795	-0.005	0.09	2	2.5	0.32
83.85	84.18	0.33	846796	0.006	0.29	2	2.2	1.20
84.18	84.85	0.67	846797	-0.005	0.04	2	2.7	1.14
84.85	85.55	0.70	846798	-0.005	0.03	2	2.9	0.26
85.55	86.40	0.85	846799	-0.005	0.02	5	2.7	0.21
86.40	86.95	0.55	846800	-0.005	0.05	2	2.4	0.41
86.95	87.78	0.83	846801	-0.005	0.08	2	2.4	0.32
87.78	88.70	0.92	846802	-0.005	0.02	1	2.4	0.39
88.70	89.60	0.90	846803	-0.005	0.04	1	3.2	8.72
89.60	90.37	0.77	846804	-0.005	0.03	1	2.0	1.07
90.37	91.00	0.63	846805	-0.005	0.03	1	2.6	0.95
91.00	91.96	0.96	846806	-0.005	0.03	1	2.6	1.28

60°
56°
58°

Project: Werneckes **Hole Number:** UT07-08

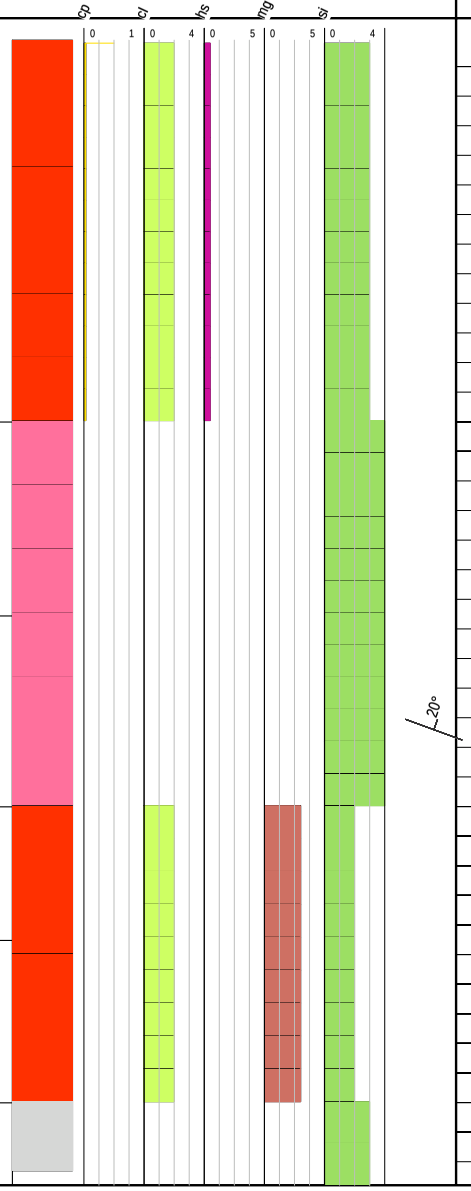
From	To	Rocktype & Description
		Alteration:
		Alteration/original constituent« Silicification 3*» « 78.80- 91.96
		K-feldspar 2.00*»
		« Sericite 1*» « Hematite 1.00*»
		Bedding measurements:< @ 79.35 bedding 60° >, < @ 81.25 bedding 56% >, < @ 85.65 bedding 58 >, < @ 88.75 bedding 48° >.
		From « 89.50- 90.00 fracture zone ».
91.96	102.72	dol
		DOLOMITE.
		Apple green with light orange-red blebs/vein material. Aphanitic. Intensely silicified (pervasive overprint), strongly sericitized. Orange-red vein material constitutes 4% of the unit; it is irregular in form cryptocrystalline and is probably kspar with silica; it contains 0.5% pyrite. This vein material is also cut by more regular and discrete later pale grey qtz vein material (5% of unit), ranging from 1mm to 7cm in width; minor probable pink carbonate was also noted in a few of these veins. Qtz veins are barren of sulphides. The veins tend to be at a relatively high angle to the core axis. Unit silicification may be later or synchronous with the (qtz) veining as the overprint affects them as well (e.g. suspected carbonate cannot be scratched) Trace specular hematite and possible trace chalcopyrite were noted elsewhere in the unit.
		Upper contact gradational over 30 cm.
		« Silicification 4.00*» « Sericite 3.00*» « K-feldspar 2.00*»
		« 91.96- 102.72 lt orange-red kspar(?) veining 6%»
		« lt grey quartz veining 5%»
		« 95.17- 95.24 qtz vein 70°»
		« 101.32- 101.38 qtz vein 75°»
		« Pyrite 0.02%»
		« Chalcopyrite 0.01%»
		« Specularite 0.01%»
102.72	103.56	bht



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
91.96	92.80	0.84	846807	-0.005	0.03	2	3.0	0.68
92.80	93.57	0.77	846808	-0.005	0.03	2	3.9	0.73
93.57	94.52	0.95	846809	-0.005	0.02	1	1.7	0.73
94.52	95.50	0.98	846810	-0.005	0.03	2	1.5	0.65
95.50	96.24	0.74	846811	0.007	0.02	2	2.3	1.07
96.24	96.96	0.72	846812	-0.005	0.02	2	1.7	0.62
96.96	97.98	1.02	846813	-0.005	0.03	2	1.8	1.07
97.98	98.70	0.72	846814	-0.005	0.03	2	1.6	0.34
98.70	99.00	0.30	846815	-0.005	0.04	2	1.8	0.77
99.00	99.67	0.67	846816	-0.005	0.03	2	2.0	0.78
99.67	101.00	1.33	846817	-0.005	0.02	2	2.0	0.64
101.00	101.75	0.75	846818	-0.005	0.01	10	1.6	1.76
101.75	102.70	0.95	846819	-0.005	0.01	4	2.0	1.65
102.70	103.55	0.85	846820	0.006	0.08	7	7.8	4.86

Project: Werneckes **Hole Number:** UT07-08

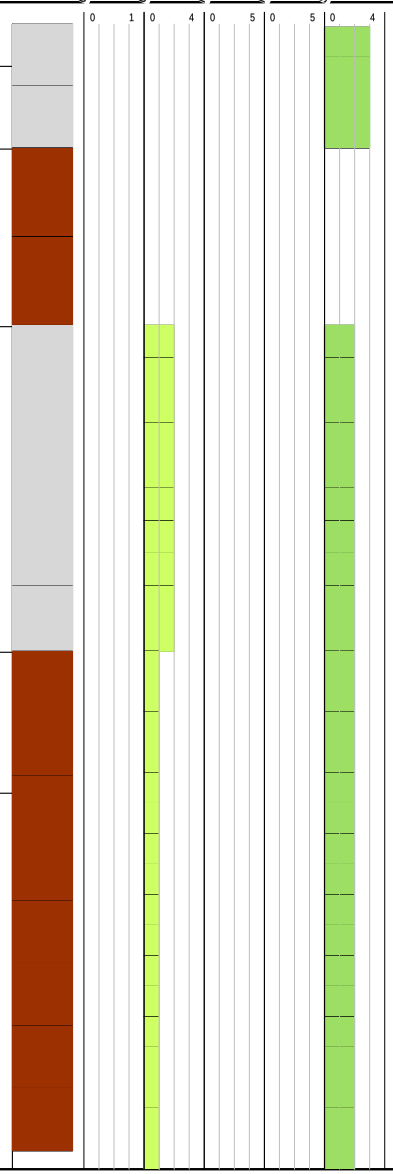
From	To	Rocktype & Description
		HETEROLITHIC BRECCIA (WERNECKE BRECCIA). Mottled dark-grey to red-brown. Contacts sharp. < @ 103.56 lower contact 35° >. Clasts easily visible, subrounded, pebble-size. Moderately silicified « Silicification 2.00*», moderately carbonatized « Calcite 2.00*», moderately chloritized « Chlorite 2.00*», probable moderate kspar alteration « K-feldspar 2.00*» . Strong hematite staining « Hematite 3.00*», weak limonite on fracture surfaces « Limonite 1.00*». « Specularite 0.5%» disseminated; « Chalcopyrite 0.03%».
103.56	106.40	cht
		CHERT. Vaguely striped grey, green, salmon red. Intensely silicified, with probable moderate to strong kspar alteration. 10% cm-scale light grey qtz veining, at low angles tca. Unit contains « Pyrite 0.30%»; also trace amounts of extremely fine-grained black mineral (biotite?). « silica 4*» « K-feldspar 3*» « Sericite 1*» « 103.56- 106.40 lt grey qtz veining 10%» < @ 105.80 bedding 20° > « 105.47- 105.67 qtz vein 20°»
106.40	114.31	bht
		HETEROLITHIC BRECCIA (WERNECKE BRECCIA). Mottled grey, light green, black, reddish (esp. towards lower contact). Many clasts easily discernable. Moderately silicified, chloritized, sericitized, kspar-altered; zones of strong magnetite- carbonate (dolomite?) alteration. Trace qtz-calcite veinlets. « Silicification 2.00*» « Chlorite 2.00*» « Sericite 2» « K-feldspar 2.00*» « mg 3.00%» « Dolomite 2.00*» « Pyrite 0.01%» staining « Hematite 2.00*»
114.31	115.45	shl
		SHALE/HEALED GRAPHITIC FAULT(?). Black with local chunks of light green. May represent a compacted graphite-rich



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
103.55	104.50	0.95	846821	-0.005	-0.01	4	2.5	0.81
104.50	105.25	0.75	846822	-0.005	-0.01	2	2.4	1.24
105.25	106.40	1.15	846823	-0.005	0.07	5	1.5	0.51
106.40	107.03	0.63	846824	-0.005	0.05	4	8.7	1.34
107.03	107.95	0.92	846826	0.005	0.06	2	2.8	0.88
107.95	108.81	0.86	846827	0.006	0.09	3	5.3	2.17
108.81	109.76	0.95	846828	0.010	0.06	2	4.8	1.05
109.76	110.61	0.85	846829	0.011	0.06	5	4.7	7.46
110.61	111.40	0.79	846830	0.006	0.16	4	6.7	1.49
111.40	112.19	0.79	846832	0.006	0.15	2	8.0	2.70
112.19	113.19	1.00	846833	0.006	0.08	2	8.0	1.98
113.19	113.90	0.71	846834	0.005	0.09	2	2.9	2.01
113.90	114.31	0.41	846835	-0.005	0.10	3	4.8	2.07
114.31	114.91	0.60	846837	0.008	0.28	11	3.7	5.93
114.91	115.45	0.54	846838	-0.005	0.12	36	3.7	3.72

Project: Werneckes **Hole Number:** UT07-08

From	To	Rocktype & Description
		faulted shale/siltstone that has been subsequently silicified, as rock is fairly hard and only moderately fractured. « Silicification 3.00*» « Graphite 15.00%»
115.45	116.53	slts
		SILTSTONE. Light brownish-green. Massive. Strongly silicified « Silicification 3.00*», moderately sericitized « Sericite 2.00*», possible weak albitization « Albite 1.00*» . « Pyrite 2.00%» disseminated and in irregular stringers, small clots. Contacts sharp but slightly irregular < @ 116.53 lower contact 50.00° >.
116.53	118.80	shl
		SHALE/HEALED GRAPHITIC FAULT(?). Similar to unit between 114.31 and 115.45. Black to dark green. May represent a compacted graphite-chlorite-rich faulted shale/siltstone that has been subsequently silicified, as rock is fairly hard. Most of unit is strongly fractured. Lower contact is gradational with minor fault gouge present. « Silicification 2.00*» « Chlorite 2.00*» « Graphite 15.00%» < @ 118.75 minor fault gouge>
118.80	123.55	slts
		SILTSTONE. Light yellow/green-brown. Locally good bedding on a 2mm to 1cm scale visible. Moderately silicified, moderately sericitized, probable strong albitization. « Silicification 2.00*» « Albite 3.00%» « Sericite 2.00*». Weak chlorite « Chlorite 1.00*» as discontinuous stringers. « Pyrite 1.00%» most of it concentrated as stringer/clot material near the upper contact, but also disseminated throughout unit « 119.38- 119.52 stringers/clots Pyrite 10%». < @ 120.70 bedding 55° >< @ 122.10 bedding 42° > < @ 121.30 bedding 71° >. Microfault < @ 122.50 subparallel tca microfault >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
115.45	116.20	0.75	846839	-0.005	0.12	14	3.9	2.98
116.20	116.53	0.33	846840	0.006	0.39	6	5.8	3.71
116.53	117.23	0.70	846841	-0.005	0.21	8	9.6	1.23
117.23	117.96	0.73	846842	-0.005	0.17	5	4.1	3.79
117.96	118.80	0.84	846843	-0.005	0.47	28	4.6	19.25
118.80	119.25	0.45	846844	-0.005	0.18	95	3.6	5.02
119.25	119.50	0.25	846845	0.011	1.93	21	4.3	16.20
119.50	120.20	0.70	846846	-0.005	0.27	24	3.1	4.87
120.20	121.01	0.81	846847	-0.005	0.09	7	2.5	1.61
121.01	121.80	0.79	846848	-0.005	0.08	4	3.7	3.57
121.80	122.55	0.75	846849	-0.005	0.10	5	3.1	3.34
122.55	123.15	0.60	846850	-0.005	0.17	10	4.2	4.51

Project: Werneckes **Hole Number:** UT07-08

From	To	Rocktype & Description
123.55	127.85	dol

DOLOMITE.
Mottled green-grey (predominant), pale orange-brown to red-brown, off-white. Aphanitic. Intensely silicified « Silicification 4.00*» , strongly sericitized « Sericite 3.00*» , strong kspar alteration « K-feldspar 3.00*» . 5% off-white qtz veining « qtz veining 5.00%». Highly irregular, orange/red colouration is likely potassium feldspar overprinted by silicification. Unit somewhat similar to that between 91.96 and 102.72.
At approximately 126.05m three 2-5mm red haloes resembling radiation haloes/burns within an orangy band. They possibly surround tiny grains of brannerite (dark mineral with some light-coloured flecks?) but identification not conclusive. No reaction on the scintillometer. Two or three other tiny red specks occur within the unit.
« Pyrite 0.01%»
< @ 123.55 upper contact 55.00° >< @ 127.85 lower structure 38.00° >

From	To	Rocktype & Description
127.85	131.40	bhm

MONOLITHIC BRECCIA (WERNECKE BRECCIA).
Dirty yellow-brown, brecciated by a stockwork of dark green (chloritic) stringers/veinlets. Locally red-brown patches. Clast-supported (80%). This narrow unit lies between a sediment and an obvious heterolithic Wernecke breccia and is a transitional lithology. Clasts are probably altered siltstone.

Moderate pervasive silicification « Silicification 2.00*» , moderate chloritization as matrix material (20%) « Chlorite 2.00*» , weak carbonate alteration also as matrix « Calcite 1.00*» , weak « Sericite 1.00*», probable moderate potassium feldspar alteration « K-feldspar 2.00*» , weak albitization « Albite 1.00*» .
Minor « 127.85- 131.40 qtz-calcite-hem/pyrite veining 0.2%»; selvages are hematite/limonite and probably represent oxidized pyrite.

From	To	Rocktype & Description
131.40	133.32	bht

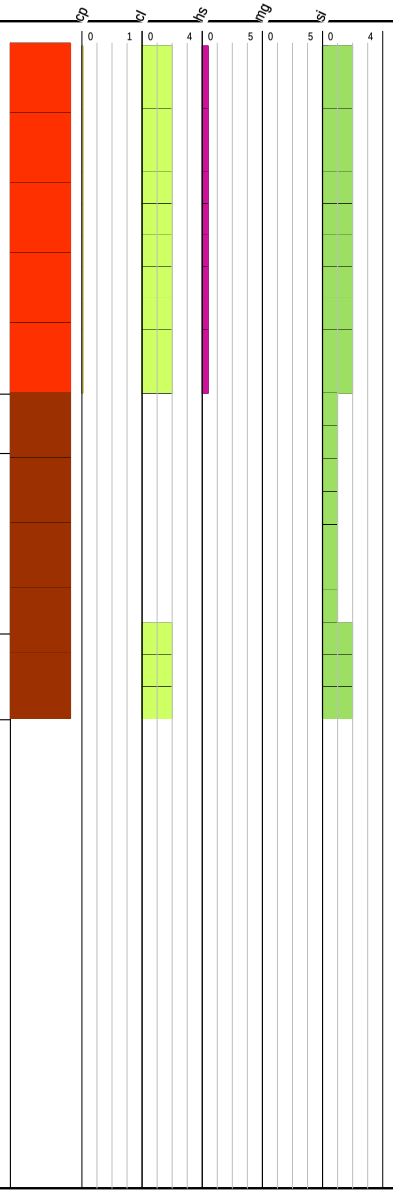
HETEROLITHIC BRECCIA (WERNECKE BRECCIA).
Mottled dark red-brown, green. Clasts discrete, subrounded to subangular, peddle-sized; matrix-supported with silica/chlorite/hematite/sericite(?)/carbonate(?not calcite) comprising the

From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
123.15	124.05	0.90	846851	-0.005	0.04	11	3.0	0.69
124.05	124.50	0.45	846852	-0.005	0.04	9	1.8	0.35
124.50	125.20	0.70	846853	-0.005	0.03	8	1.5	0.31
125.20	125.72	0.52	846854	-0.005	0.03	4	1.7	0.26
125.72	126.25	0.53	846855	-0.005	0.03	4	2.6	0.74
126.25	126.86	0.61	846856	-0.005	0.02	2	3.6	0.29
126.86	127.23	0.37	846857	-0.005	0.02	2	3.4	0.28
127.23	127.85	0.62	846858	-0.005	0.02	3	3.9	0.49
127.85	128.80	0.95	846859	-0.005	0.07	12	3.2	4.56
128.80	129.30	0.50	846860	-0.005	0.06	6	2.6	3.44
129.30	130.15	0.85	846861	-0.005	0.06	2	2.7	1.22
130.15	130.84	0.69	846862	-0.005	0.05	2	2.3	0.42
130.84	131.40	0.56	846863	-0.005	0.13	5	5.4	4.77
131.40	132.14	0.74	846864	0.005	0.09	3	4.4	1.16
132.14	132.74	0.60	846865	-0.005	0.09	3	3.9	1.44
132.74	133.25	0.51	846866	0.006	0.09	11	4.0	7.40

Project: Werneckes

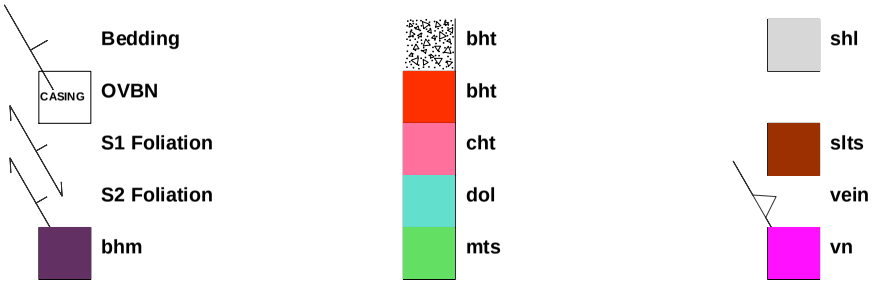
Hole Number: UT07-08

From	To	Rocktype & Description
		matrix. Chlorite is particularly abundant adjacent to the upper contact, hence the primary matrix constituent of the unit above also. Reddish hue likely due to a combination of kspar alteration and hematite staining. Unit contains fine-grained specular hematite « Specularite 0.50%» and trace probable very fine-grained chalcopyrite « Chalcopyrite 0.01%» . Silicification is moderate. « Silicification 2.00*» « Chlorite 2.00*» « Sericite 2.00*» « Hematite 2.00*», probable « K-feldspar 2.00*». Contacts sharp < @ 130.40 upper contact 35.00° > < @ 133.32 lower contact 25.00° >.
133.32	142.34	slts
		SILTSTONE. Medium-dark grey, bedding clearly visible (thinly bedded). Upper contact sharp < @ 133.32 contact 15° >. Weakly silicified « Silicification 1.00*» and carbonatized « Calcite 1.00*». Minor qtz-calcite veinlets/stringers. Trace disseminated « Pyrite 0.05%» . From « 139.70- 142.34 coarse chloritized porphyroblasts andalusite 5%». < @ 133.50 bedding 50° > < @ 135.45 bedding 47° > < @ 139.20 bedding 52° > < @ 141.90 bedding 49° >.
142.34	142.34	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm	
133.25	134.25	1.00	846867	0.005	0.09	9	2.2	3.81	
134.25	135.20	0.95	846868	0.008	0.10	4	2.3	3.89	50°
135.20	136.05	0.85	846869	0.008	0.13	3	2.3	4.58	
136.05	136.75	0.70	846870	0.008	0.18	9	2.4	8.78	47°
136.75	137.70	0.95	846871	0.006	0.16	5	2.8	6.56	
137.70	138.30	0.60	846874	-0.005	0.14	4	2.1	3.52	
138.30	139.15	0.85	846875	-0.005	0.12	4	2.1	3.60	
139.15	139.70	0.55	846876	0.006	0.13	22	2.6	8.15	
139.70	140.70	1.00	846877	0.006	0.09	10	1.8	3.40	52°
140.70	141.08	0.38	846878	-0.005	0.06	13	1.3	1.60	
141.08	141.80	0.72	846879	0.005	0.09	10	2.7	5.27	
141.80	142.34	0.54	846880	-0.005	0.09	4	1.7	3.31	49°

Drill Log Legend



DRILL LOG

Project: Weneckes	**Collar Elevation (m):** 1571.0
Hole UT07-09	**Azimuth (º):** 335
Location: 7200138 m North, 534415 m East	**Dip (º):** -45.0
Logged by: S.Boyce	**Length (m):** 166.73
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/21 **Date Completed:** 2007/08/25	
Dip Tests By:	
Objective To test for U mineralization at the Rio Zone.	

Summary Log:

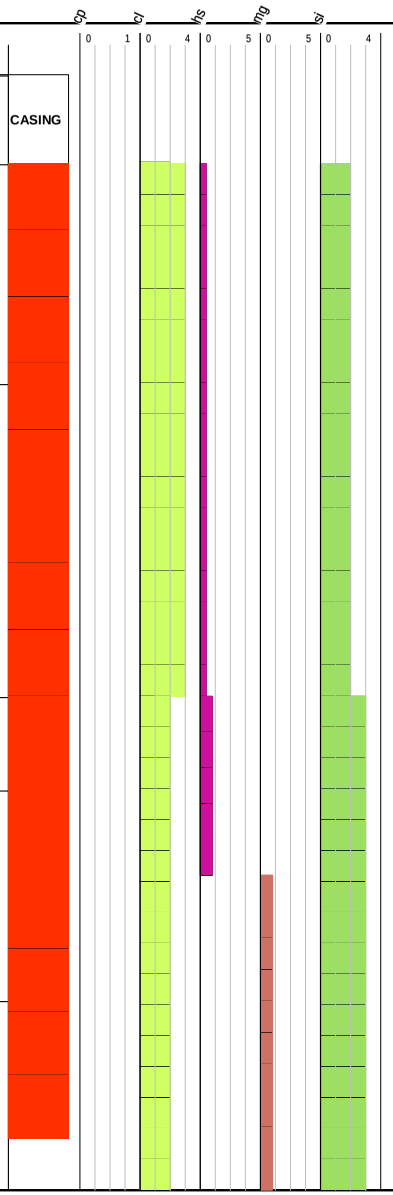
0 - 3.1 m CASING
3.1 - 30.3 m WERNECKE BRECCIA (bht,): sHE, m-sSI; minor CA-QZ-LI veining; 0.5% HS in top 5m, below this 1% magnetite; trace pyrite.
30.3 - 45.4 m DOLOMITE (dol): bleached; mSI, CA; AB alteration; PY 0.5%
45.4 - 49.5 m METASOMATIZED SILTSTONE(?) (slts): salmon-pink; sSI, 10% chlorite stringers; occasional zones of MG-CB-PY alteration; PY 0.5%.
49.5 - 70.3 m WERNECKE BRECCIA (bht,m): sSI grading to w-SI downhole; localized potassic alteration, m-MS; 2-5% QZ-CA+/-CL veining; interval contains 2.3m section of shale.
70.3 - 76.5 m METASOMATIZED WERNECKE BRECCIA (bht): sAB, mSI, wMS; PY 2%
76.5 - 81.0 m METASOMATIZED SEDIMENTS (mts): sMG, CB, SI; minor PY.
81.0 - 85.0 m METASOMATIZED WERNECKE BRECCIA (bht): similar to above, slightly higher MG, SX; PY 3%.
85.0 - 104.6 m DOLOMITE/CHERTY DOLOMITE (dol): sMS, wSI; PY 0.5%.
104.6 - 111.4 m SHALE (shl): probable Quartet Group; upper contact appears to be conformable; mostly unaltered; 0.3% QZ-LI >PY>CP veining; PY 0.5%, trace CP
111.4 - 118.0 m QUARTZ VEIN (vn): PY 2%.
118.0 - 138.3 m SILTSTONE (slts): mSI; 2% veining; trace CP
138.3 - 147.4 m WERNECKE BRECCIA (bht,m): sSI, mCB, weak potassic alteration; 0.5% CP, trace PY, associated with minor QZ-CA-HS veining.
147.4 - 155.7 m SILTSTONE/SHALE (slts): probably Quartet Group; sAB, mSI, wMS; PY 0.5%, trace CP to 151.7m; below this only wSI and trace PY
155.7 - 164.5 m FAULT ZONE (FLTZ): interval includes metasomatized sediments from 159.4-161.1m.
164.5 - 166.7 3m WERNECKE BRECCIA (bht): sSI; PY 1%. E.O.H

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	335.00
10.00	-44.70	334.60
50.00	-44.50	337.00
100.00	-44.30	331.70
160.00	43.60	340.30

Project: Werneckes **Hole Number:** UT07-09

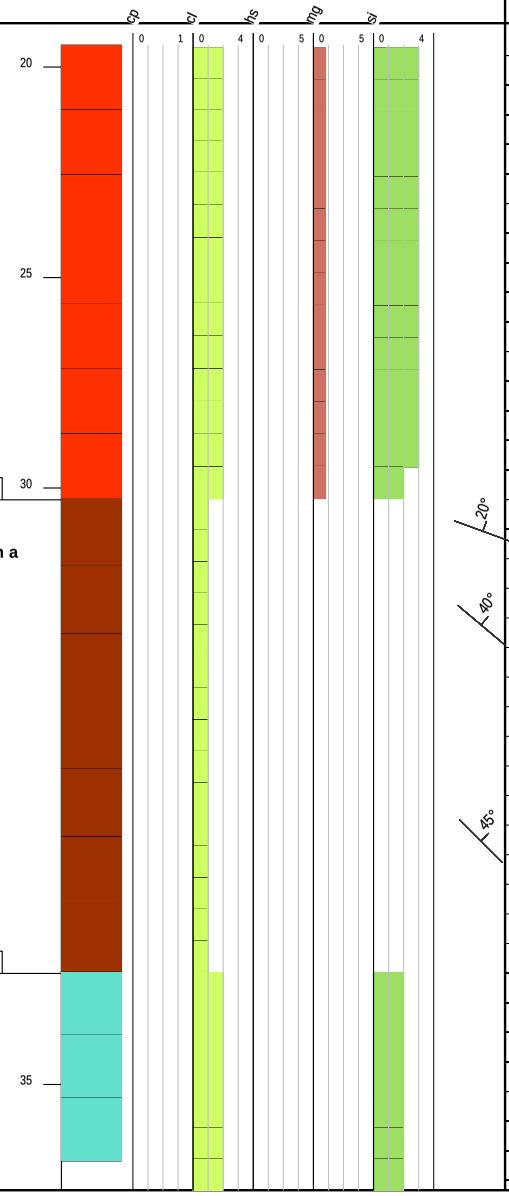
From	To	Rocktype & Description
0.00	3.05	OVBN CASING. No core recovered.
3.05	7.75	bht HETEROLITHIC WERNECKE BRECCIA. Mottled red, dark green with some grey and off-white. Chloritic matrix; locally clasts discrete, pebble-sized, subrounded, elsewhere clast outlines are less obvious. Majority of clasts are a reddish hue, generally a salmon-red (kspar?). Unit is moderately silicified, increasing slightly in intensity towards lower contact. « Silicification 2.00*» Strong chlorite « Chlorite 3.00*» ; strong potassium feldspar « K-feldspar 3.00*» ; weak carbonatization (calcite) « Calcite 1.00*» . Fine-grained « Specularite 0.50%» disseminated and in calcite-qz stringers; trace « fine Pyrite 0.01%» (?). Minor « calcite>qtz veining 0.1%», highly reactive to HCl, as stringers and rare veinlets, randomly oriented; many of these have dark dirty brown fe-oxide (limonite?) selvages. Trace « white Quartz veining 0.01%»; predominant orientation « white Quartz veining 70°»; appear to predate calcite-qz veining.
7.75	30.25	bht WERNECKE BRECCIA (HETEROLITHIC?). Brick-red; chaotic appearance. Individual clasts difficult to make out, particularly in the upper half of the unit. Much less chlorite compared to unit above, but still present as irregular stringers; slightly more abundant in lower half of unit. Strong to intense kspar alteration, strong silicification. Significant amount of calcite>qz vein material, generally randomly oriented/irregular/discontinuous, many with Specularite / mg. Range from stringers to veinlets. Selvages/wallrock contacts typically dirty brown (limonite?). « calcite>qz veining 4%». « 7.75- 16.80 K-feldspar 4*» « Silicification 3.00*» « 7.75- 22.50 Chlorite 1*»« 22.50- 29.50 Chlorite 2*»« Calcite 2.00*» Trace disseminated « Pyrite 0.01%». To approximately 12.0m 1% Specularite with veining and disseminated; below this 1% magnetite. Magnetite has been replaced by Specularite by supergene oxidation?



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
3.05	3.46	0.41	846881	-0.005	0.08	4	2.0	2.55
3.46	4.00	0.54	846883	0.006	0.16	8	2.6	7.36
4.00	4.45	0.45	846884	0.007	0.08	2	3.1	9.05
4.45	5.37	0.92	846886	0.007	0.07	2	2.7	5.04
5.37	6.10	0.73	846887	0.006	0.06	1	2.0	18.40
6.10	6.70	0.60	846888	0.005	0.04	1	2.2	7.61
6.70	7.20	0.50	846889	0.013	0.11	1	2.3	17.85
7.20	7.75	0.55	846891	-0.005	0.05	5	1.7	6.63
7.75	8.53	0.78	846892	-0.005	0.08	5	2.9	3.89
8.53	9.20	0.67	846893	-0.005	0.03	4	2.9	2.99
9.20	10.00	0.80	846894	0.005	0.02	5	2.8	2.31
10.00	10.75	0.75	846895	-0.005	0.02	2	3.0	2.48
10.75	11.60	0.85	846897	0.005	0.04	3	2.6	2.74
11.60	12.10	0.50	846898	-0.005	0.07	15	3.4	3.32
12.10	12.78	0.68	846899	0.007	0.02	2	0.2	0.25
12.78	13.40	0.62	846900	-0.005	0.04	2	3.6	2.09
13.40	14.00	0.60	846901	-0.005	0.01	1	1.7	2.92
14.00	14.70	0.70	846902	-0.005	0.02	1	1.9	2.31
14.70	15.50	0.80	846903	-0.005	0.05	2	3.0	4.86
15.50	16.10	0.60	846904	-0.005	0.03	3	2.3	1.91
16.10	16.80	0.70	846905	-0.005	0.01	1	1.6	1.44
16.80	17.37	0.57	846906	-0.005	0.02	2	2.0	2.56
17.37	18.05	0.68	846907	-0.005	0.02	1	2.2	2.89
18.05	18.70	0.65	846908	-0.005	0.01	2	1.3	1.73
18.70	19.30	0.60	846909	-0.005	0.02	2	2.6	2.74

Project: Werneckes **Hole Number:** UT07-09

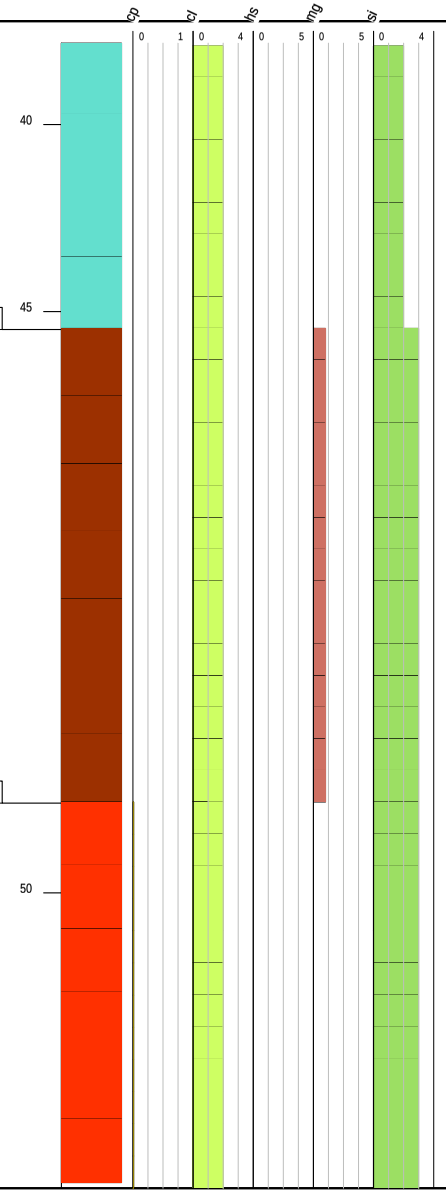
From	To	Rocktype & Description
		« 7.75- 12.00 Specularite 1%» « 12.00- 29.50 mg 1%» From « 16.80- 18.05 alteration only moderate K-feldspar 2» « 18.05- 22.50 K-feldspar 4*» « 22.50- 29.50 K-feldspar 3°». From 29.50 to 30.25 mottled buff to medium green in colour; potassic alteration and silicification less intense, chlorite stringers/matrix material slightly more abundant. « 29.50- 30.25 Silicification 2*» « K-feldspar 2*» « Chlorite 2*».
30.25	32.00	slts SILTSTONE. Light to medium grey, slightly waxy appearance; possibly dolomitic. Bedded on a 3 to 10mm scale. Weakly crackle-brecciated. Weak disseminated chlorite, probable weak to moderate albitization. « Chlorite 1*» « Albite 2.00*» < @ 31.50 bedding 45.00° >< @ 30.70 bedding 40.00° > Contacts sharp. Top 25cm looks like a fault-rotated block. < @ 30.35 rotated(?) bedding 20° > @ 30.25 upper contact 15° >< @ 32.00 lower contact 35° > 3% limonite, concentrated along bedding planes and in crackle-breccia fractures. 0.5% disseminated pyrite. « Limonite 3.00%» « Pyrite 0.50%». Trace veining.
32.00	45.45	dol DOLOMITE. Pale grey, bleached, strong waxy luster, somewhat mottled appearance. No bedding planes noted. Locally crackle -brecciated. Overall moderately silicified, very patchy in intensity with dark grey silica forming irregular blebs/patches/zones. Moderate to strong probable albitization; moderate carbonatization overall (weak pervasive, strong in crackle-breccia matrix).



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
19.30	20.05	0.75	846910	-0.005	0.02	2	1.7	0.87
20.05	20.90	0.85	846911	-0.005	0.06	66	1.6	3.06
20.90	21.60	0.70	846912	-0.005	-0.01	2	1.3	0.52
21.60	22.40	0.80	846913	-0.005	0.04	20	1.3	2.30
22.40	23.15	0.75	846914	-0.005	0.04	6	2.2	1.81
23.15	24.00	0.85	846915	-0.005	0.05	3	2.3	3.99
24.00	24.85	0.85	846917	-0.005	0.11	7	3.4	6.14
24.85	25.50	0.65	846918	-0.005	0.10	4	3.0	2.83
25.50	26.20	0.70	846919	-0.005	0.12	5	3.1	4.39
26.20	26.90	0.70	846920	-0.005	0.10	5	2.8	3.10
26.90	27.65	0.75	846921	-0.005	0.15	9	2.9	4.11
27.65	28.30	0.65	846922	-0.005	0.14	6	3.0	4.19
28.30	28.85	0.55	846923	-0.005	0.19	11	2.6	4.60
28.85	29.50	0.65	846925	-0.005	0.13	5	2.4	4.57
29.50	30.25	0.75	846926	0.006	0.22	7	3.7	7.52
30.25	31.10	0.85	846927	0.033	0.56	10	3.9	9.90
31.10	32.00	0.90	846928	0.022	0.53	9	4.1	12.50
32.00	32.85	0.85	846929	-0.005	0.17	5	2.5	6.34
32.85	33.73	0.88	846930	-0.005	0.10	3	2.4	5.13
33.73	34.65	0.92	846931	-0.005	0.06	3	2.5	3.29
34.65	35.66	1.01	846932	-0.005	0.15	5	3.1	5.88
35.66	36.50	0.84	846933	-0.005	0.05	1	3.2	0.80
36.50	37.40	0.90	846934	0.005	0.33	10	7.5	23.90
37.40	38.40	1.00	846936	0.005	0.28	17	5.5	20.20
38.40	39.50	1.10	846937	-0.005	0.32	46	4.9	5.09

Project: Werneckes **Hole Number:** UT07-09

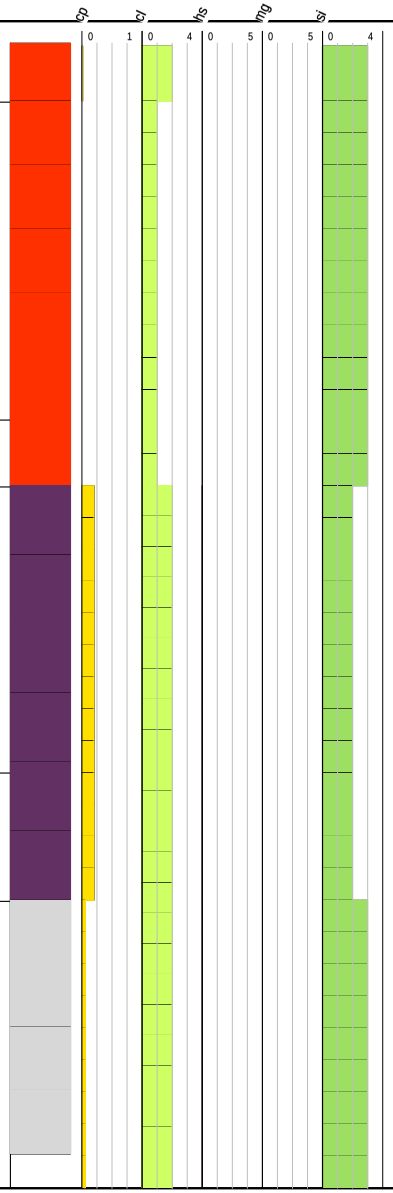
From	To	Rocktype	& Description
			« Silicification 2.00*» « Albite 2.00*» « Calcite 2.00*»
			0.5% disseminated pyrite. « Pyrite 0.50%».
			Crackle-breccia matrix composed of calcite plus limonite. « Limonite 3.00%»
45.45	49.15	slts	METASOMATIZED SILTSTONE(?).
			Pale salmon-pink, (locally darker red, or greyish), with a stockwork of dark green stringers. Very strongly altered, protolith difficult to be sure of.
			Locally it seems like some chloritic stringers roughly follow remnant bedding planes.
			Upper contact gradational; lower contact sharp < @ 49.15 lower contact 65.00° >.
			Strong silica and potassic alteration. 10% chlorite stringers Minor local short zones of disseminated magnetite, with associated pyrite and calcite.
			« Silicification 3.00*» « K-feldspar 3.00*» « Chlorite 2.00*» « Calcite 1.00*» « mg 1.00%»
			« Pyrite 0.50%», disseminated and also in chlorite stringers; more abundant in magnetite-rich zones.
			Trace qz-calcite stringers; appear to predate chlorite stringers.
49.15	53.30	bht	HETEROLITHIC WERNECKE BRECCIA.
			Dark grey, locally dark red-brown. Clasts generally clearly visible, discrete, subrounded, probably polymictic. Appears to be clast-supported, with matrix a mixture of carbonate, sericite, chlorite. silica. (Only weakly reactive to HCl so carbonate either not calcite, or calcite content relatively low.)
			Strongly silicified. Weak probable hematite staining, strongest in upper half of unit. Moderate patchy salmon-pink probable kspar alteration near upper contact.
			« Silicification 3.00*» « Calcite 1.00*» « Sericite 1.00*» « Chlorite 1.00*»
			« Hematite 1.00*»
			« 49.15- 49.70 K-feldspar 2.00*»
			Disseminated « Pyrite 0.20%», probable trace « Chalcopyrite 0.01%».
			Trace qz-calcite veinlets.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
39.50	40.50	1.00	846938	0.006	0.23	6	3.2	6.22
40.50	41.50	1.00	846939	-0.005	0.06	9	2.1	4.47
41.50	42.20	0.70	846940	-0.005	0.07	59	1.6	3.42
42.20	43.10	0.90	846941	-0.005	0.28	13	2.7	7.35
43.10	44.00	0.90	846942	-0.005	0.23	6	3.2	9.50
44.00	44.81	0.81	846943	0.008	0.20	4	4.5	14.80
44.81	45.45	0.64	846944	-0.005	0.14	3	3.2	8.90
45.45	47.40	1.95	846946	0.013	0.30	5	3.7	11.60
47.40	48.40	1.00	846947	0.005	0.19	3	7.4	9.90
48.40	49.15	0.75	846948	-0.005	0.10	2	4.1	12.10
49.15	49.70	0.55	846949	-0.005	0.05	1	3.5	3.56
49.70	50.50	0.80	846951	-0.005	0.07	2	3.1	4.77
50.50	51.30	0.80	846952	-0.005	0.20	51	3.7	22.30
51.30	52.00	0.70	846953	-0.005	0.08	2	3.5	1.54
52.00	52.80	0.80	846954	-0.005	0.09	2	3.4	2.05
52.80	53.30	0.50	846955	-0.005	0.08	2	3.8	3.92

Project: Werneckes **Hole Number:** UT07-09

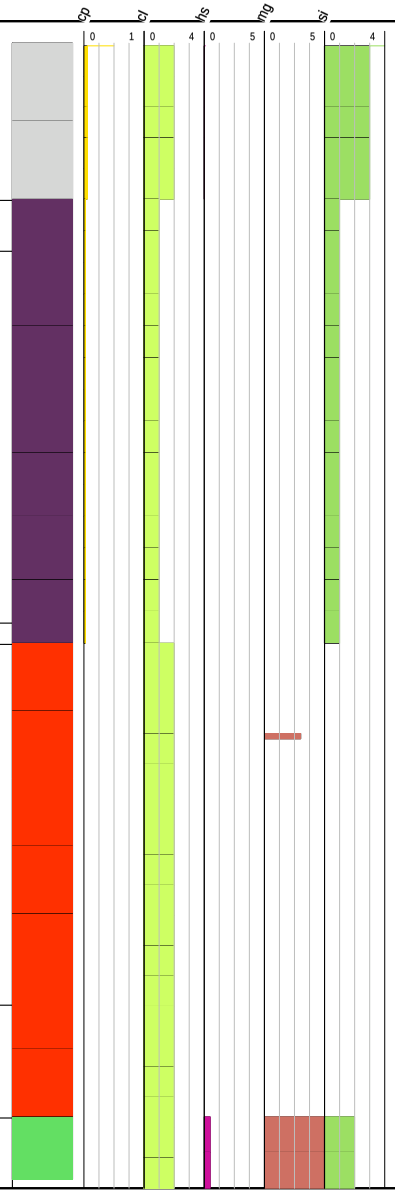
From	To	Rocktype & Description
		« 49.15- 49.50 Weak shear 60.00°» (at upper contact)
53.30	55.35	bht
		WERNECKE BRECCIA. Colour salmon-pink, locally light grey-green patches/clasts, somewhat chaotic-looking. Clasts locally difficult to discern. Strong kspar and silica alteration; weak chlorite, carbonate (calcite?), moderate sericite, mostly as matrix components (pale grey-green patches may be dolomitic clasts with a sericite component. « K-feldspar 3.00*» « Silicification 3.00*» « Sericite 2.00*» « Calcite 1.00*» « Chlorite 1.00*». Random irregular « qz>calcite veining 5%». Nil sulphides in unit. Contacts gradational.
55.35	62.06	bhm
		MONOMICTIC BRECCIA (WERNECKE?). Dark grey clasts (65% of unit), light grey-green > pinkish matrix material (35% of unit). Clasts are probably shale/siltstone - perhaps Quartet Shale, and irregular in outline. Matrix material appears to be primarily made up of a mixture of sericite and cryptocrystalline kspar. Clasts are moderately silicified, matrix only weakly if at all. « Silicification 2.00*» « Sericite 3.00*» « K-feldspar 1.00*» Unit is cut by random, irregular « calcite-qz veining 5.00%»; some of the veinlets contain minor chlorite, along their selvages. Unit contains « Chalcopyrite 0.20%» mostly associated with vein material, and trace « Specularite 0.01%».
62.06	64.30	shl
		SHALE. Dark grey. Faint bedding planes visible. Similar base lithology to units above and below but unbrecciated. Could be considered a large in-situ clast. Possibly Quartet Shale. < @ 62.25 bedding 50° >< @ 63.15 bedding 30° >< @ 62.70 bedding 40° > Strong pervasive silicification. « Silicification 3.00*» « wispy Sericite 1*» « K-feldspar 1.00*» Unit contains « Calcite > Quartz > cp- Specularite veining 5%» < @ 62.85 1cm Calcite > Quartz Chalcopyrite vein 30° >; veinlet contains 10%



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
53.30	54.00	0.70	846957	0.026	0.47	3	4.2	7.37
54.00	54.90	0.90	846958	-0.005	0.08	3	3.0	1.71
54.90	55.35	0.45	846959	-0.005	0.03	2	2.6	2.95
55.35	56.25	0.90	846961	-0.005	0.08	3	4.2	2.72
56.25	56.98	0.73	846962	-0.005	0.07	4	4.6	5.19
56.98	57.90	0.92	846963	-0.005	0.05	2	3.0	2.55
57.90	58.60	0.70	846964	-0.005	0.05	4	4.4	10.45
58.60	59.45	0.85	846965	-0.005	0.05	5	3.8	1.71
59.45	60.55	1.10	846966	-0.005	0.06	6	3.3	2.10
60.55	61.40	0.85	846967	-0.005	0.10	4	4.6	2.02
61.40	62.06	0.66	846968	-0.005	0.02	1	0.3	0.07
62.06	62.25	0.19	846969	-0.005	0.09	11	3.2	1.16
62.25	63.00	0.75	846970	-0.005	0.11	475	3.4	1.44
63.00	63.75	0.75	846971	-0.005	0.08	4	3.3	1.48
63.75	64.30	0.55	846972	-0.005	0.06	25	3.5	0.78

Project: Werneckes **Hole Number:** UT07-09

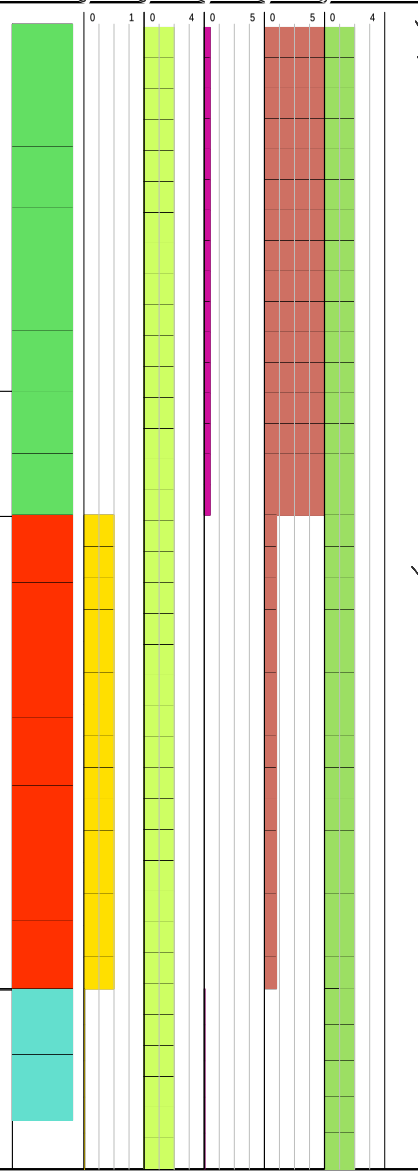
From	To	Rocktype & Description
		coarse chalco blebs.
		Overall « Chalcopyrite 0.05%» « Specularite 0.01%» (both associated with veining).
64.30	70.27	bhm
		(WEAK) MONOMICTIC BRECCIA.
		Similar to unit from 54.35 to 62.06, but less uniformly brecciated, with sections of clast only and breccia only. Contacts are gradational.
		Dark grey shale clasts comprise 70% of unit; light grey-green sericite, wispy/clotty pink kspar(?), calcite and minor chlorite and probable minor silica make up the matrix material.
		Entire unit is weakly to moderately silicified, with clasts in general more strongly silicified than matrix.
		« Silicification 1.00*» « Sericite 2.00*» « K-feldspar 1.00*» « Calcite 2.00*» « Chlorite 1.00*»
		Unit is cut by late « Calcite - Quartz veining 2.00%» containing minor chalcopyrite; orientation is variable.
		« Chalcopyrite 0.02%».
70.27	76.46	bht
		METASOMATIZED HETEROLITHIC (WERNECKE) BRECCIA.
		Mottled colouring - shades of grey, off-white, green tinges. Very chaotic looking, distinct clasts rare but fairly confident in lithology ID.
		Moderate patchy silicification, probable strong pervasive albitization, weak sericite.
		« Silicification 2.00*» « Albite 3.00*» « Sericite 1.00*» «suspected Dolomite 1.00*»
		« 71.45- 71.52 mg 8.00%» « 71.45- 71.52 Dolomite 3*»
		Overall « Pyrite 2.00%» disseminated and part of veinlets.
		Unit contains « 70.27- 76.46 Calcite > Quartz > Pyrite veining 3%» predominantly as hairline stringers. Minor earthy hematite associated with veining.
		« 70.27- 76.46 Hematite 1.00*»
76.46	81.00	mts
		METASOMATIZED SEDIMENTS.
		Mottled grey, green, pale yellow, locally dark reddish-brown; speckled black.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
64.30	65.10	0.80	846973	-0.005	0.10	11	4.9	1.21
65.10	65.80	0.70	846974	-0.005	0.14	16	3.4	2.08
65.80	66.90	1.10	846975	-0.005	0.12	22	3.3	1.53
66.90	67.75	0.85	846976	-0.005	0.08	5	2.1	1.47
67.75	68.60	0.85	846977	-0.005	0.05	6	2.4	1.34
68.60	69.27	0.67	846978	-0.005	0.11	38	3.3	4.59
69.27	70.27	1.00	846979	-0.005	0.09	3	3.0	5.99
70.27	70.70	0.43	846980	-0.005	0.13	3	4.3	9.69
70.70	71.50	0.80	846981	-0.005	0.20	5	6.1	6.92
71.50	71.80	0.30	846982	0.098	0.87	10	6.1	11.85
71.80	72.60	0.80	846983	0.025	0.54	12	5.8	36.40
72.60	73.25	0.65	846984	0.016	0.58	5	6.2	53.20
73.25	74.25	1.00	846985	0.018	0.64	8	7.1	33.50
74.25	75.20	0.95	846986	0.012	0.71	5	3.6	38.30
75.20	76.46	1.26	846987	0.058	1.04	14	4.6	96.50
76.46	77.22	0.76	846988	0.079	1.76	7	5.6	95.75
77.22	78.17	0.95	846989	0.069	0.74	5	11.9	49.30
78.17	78.51	0.34	846990	0.009	0.19	15	2.9	14.55

Project: Werneckes **Hole Number:** UT07-09

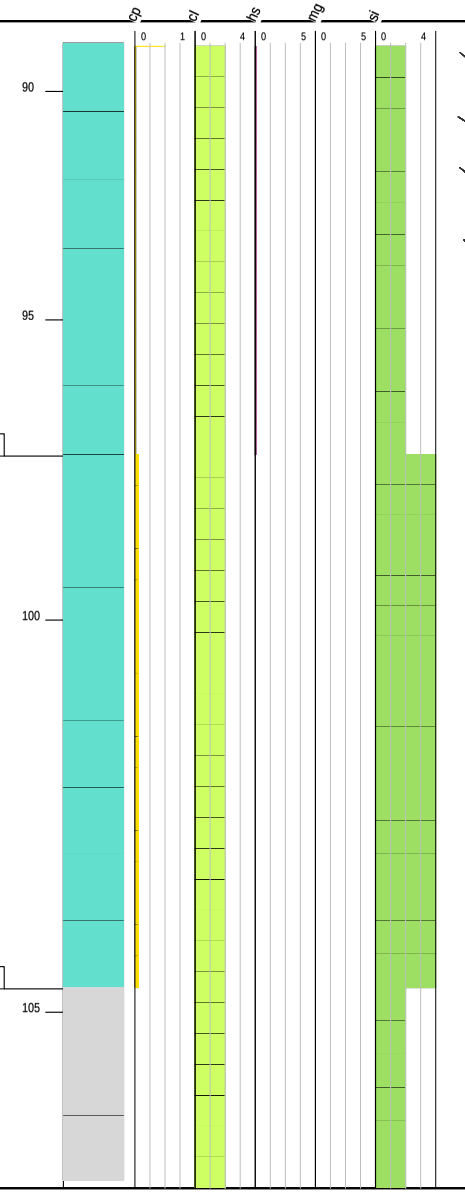
From	To	Rocktype	& Description
			Locally a striped appearance, representing remnant bedding.
			< @ 76.50 bedding 45° >< @ 77.20 bedding 60° > < @ 77.50 bedding 65° >< @
			81.60 bedding 50° > < @ 81.00 lower contact 50° >
			Intensely metasomatized, with strong magnetite-carbonate (dolomite?)
			alteration, weak to moderate silicification. Magnetite is typically
			disseminated, coarse-grained, anhedral, and tends to occur in zones of higher
			and lower concentrations.
			« mg 10.00%» « Dolomite 3.00*» « Silicification 2.00*» « Sericite 1.00*» «
			Specularite 0.50%» « Pyrite 0.50%»
			Would have expected more pyrite associated with magnetite, but only minor;
			disseminated, medium-grained.
			At 78.34 a 6cm section of 30% coarse platy spec hem, surrounded by a section of
			40% magnetite... looks like spec hem is replacing the magnetite (photographed).
			From « 77.22- 78.17 K-feldspar 3*» (probably kspar, not earthy hematite).
81.00	85.00	bht	
			METASOMATIZED HETEROLITHIC (WERNECKE) BRECCIA.
			Similar to unit between 70.27 to 76.46. Slightly more magnetite, higher
			sulphide content.
			« Silicification 2.00*» « Albite 3.00*» « Sericite 2.00*» «suspected
			Ankerite 1.00*» « mg 4.00%»
			« Pyrite 3.00%» « Chalcopyrite 0.50%»; both sulphides disseminated and as part
			of veinlets.
			Albite (probable) present as distinct bands/veins up to 4cm wide at various
			orientations up (as well as pervasive).
			Unit contains trace « Calcite > Quartz - Pyrite > Chalcopyrite veining »
			predominantly as hairline stringers. Minor Hematite associated with veining.«
			Hematite 1 .00*»..
85.00	97.95	dol	
			DOLOMITE. Pale green, almost apple-green; from 91.5 to 94.8 interbedded with
			light grey.
			Unit wide and quite homogeneous compared to rest of hole. Locally bedded on a
			1cm scale. Bedding angles gradually steepen with depth.
			Entire unit weak « Silicification 1.00*»; from « 85.00- 91.50 Sericite 3*»,
			remainder of unit « 91.50- 85.00 Sericite 2*».



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
78.51	79.40	0.89	846991	0.012	0.25	5	2.2	55.00
79.40	80.40	1.00	846992	0.015	0.33	3	6.0	26.10
80.40	81.00	0.60	846994	0.019	0.20	6	4.8	10.15
81.00	81.70	0.70	846995	0.026	0.52	11	3.4	17.65
81.70	82.30	0.60	846996	0.044	0.61	415	16.4	109.50
82.30	83.30	1.00	846997	0.008	0.30	7	5.6	9.70
83.30	84.05	0.75	846998	-0.005	0.49	29	6.6	26.40
84.05	85.00	0.95	846999	0.005	0.23	74	4.7	9.97
85.00	86.00	1.00	847000	0.011	0.24	132	6.9	25.40
86.00	86.90	0.90	398501	0.005	0.03	90	4.9	3.36
86.90	88.30	1.40	398502	-0.005	0.02	12	6.0	5.43
88.30	89.15	0.85	398503	-0.005	0.02	15	9.6	6.12
89.15	90.15	1.00	398504	0.006	0.11	27	12.3	27.90
90.15	91.05	0.90	398505	-0.005	0.10	22	6.2	3.34
91.05	92.05	1.00	398506	0.007	0.24	163	9.7	6.59

Project: Werneckes **Hole Number:** UT07-09

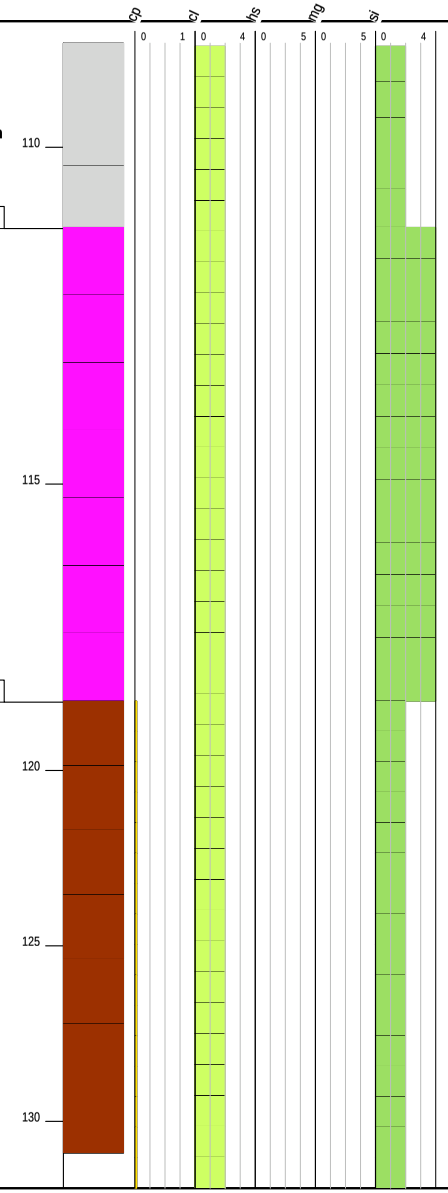
From	To	Rocktype & Description
		Disseminated « Pyrite 0.50%» « Specularite 0.05%» « Chalcopyrite 0.01%». Observed tiny grains of pyrite within needle-shaped grey mass... is pyrite oxidizing to spec hem? Randomly-oriented « qtz+/-calcite veining 0.3%» with minor pyrite. < @ 89.48 grey qtz with 1% Pyrite vein 40° > < @ 97.70 qtz vnltw 30% Pyrite vein 60° > < @ 90.80 bedding 32° >< @ 92.00 bedding 40° >< @ 93.70 bedding 53° > < @ 94.50 bedding 65° > < @ 96.20 bedding 62° > < @ 101.90 bedding 75° >
97.95	104.56	dol
		CHERTY DOLOMITE. Pale brownish green, bedded on a cm scale. Intensley siliceous. Upper contact is gradational over 3m. « Silicification 4.00*» « 97.95- 104.56 Sericite 1.00*» < @ 98.20 bedding 70° > < @ 101.50 bedding 70° > < @ 103.50 bedding 90° > « qtz+/-carb-pyrite veining 1%» veinlets to stringers varying from 1mm to 5cm in thickness. « veining 35-60°» Over entire unit « Pyrite 0.50%» « Chalcopyrite 0.05%» hosted in veins as disseminations and along selvages. Trace pyrite in wall rock « 102.08- 104.56 Andalusite porphyroblast 4.00% 0.50cm» « Limonite 0.10%» along fractures
104.56	111.43	shl
		SHALE/SILTSTONE Black; below 110.75 colour grey due to alteration. Local faint bedding visible. Not fissile, but colour, grain size make it resemble Quartet Shale. Contacts sharp; upper contact appears to be conformable with adjacent cherty dolomite.< @ 104.56 upper contact 68° > < @ 111.43 lower contact 65° >. (Photographed.)



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
92.05	93.05	1.00	398507	0.009	0.20	107	8.9	32.40
93.05	93.95	0.90	398508	0.005	0.16	171	7.2	13.65
93.95	94.95	1.00	398509	-0.005	0.04	71	3.8	3.97
94.95	95.90	0.95	398510	-0.005	0.03	216	3.7	3.63
95.90	96.90	1.00	398511	-0.005	0.12	79	3.3	5.24
96.90	97.75	0.85	398512	-0.005	0.05	47	2.5	3.24
97.75	98.75	1.00	398513	-0.005	0.05	31	1.8	0.94
98.75	99.67	0.92	398514	-0.005	0.05	26	1.7	0.89
99.67	100.25	0.58	398515	-0.005	0.05	16	2.5	1.02
100.25	101.25	1.00	398516	-0.005	0.11	92	3.1	2.45
101.25	102.10	0.85	398517	-0.005	0.21	278	3.7	2.19
102.10	103.50	1.40	398518	-0.005	0.13	90	3.5	6.69
103.50	104.50	1.00	398519	-0.005	0.12	164	4.1	4.89
104.50	106.10	1.60	398520	-0.005	0.14	308	4.2	4.89
106.10	107.50	1.40	398521	-0.005	0.25	279	5.6	4.22
107.50	108.05	0.55	398523	0.005	0.34	176	4.6	8.55
108.05	110.75	2.70	398524	0.015	0.37	136	6.3	6.11
110.75	111.43	0.68	398525	0.019	0.26	89	9.4	2.70

Project: Werneckes **Hole Number:** UT07-09

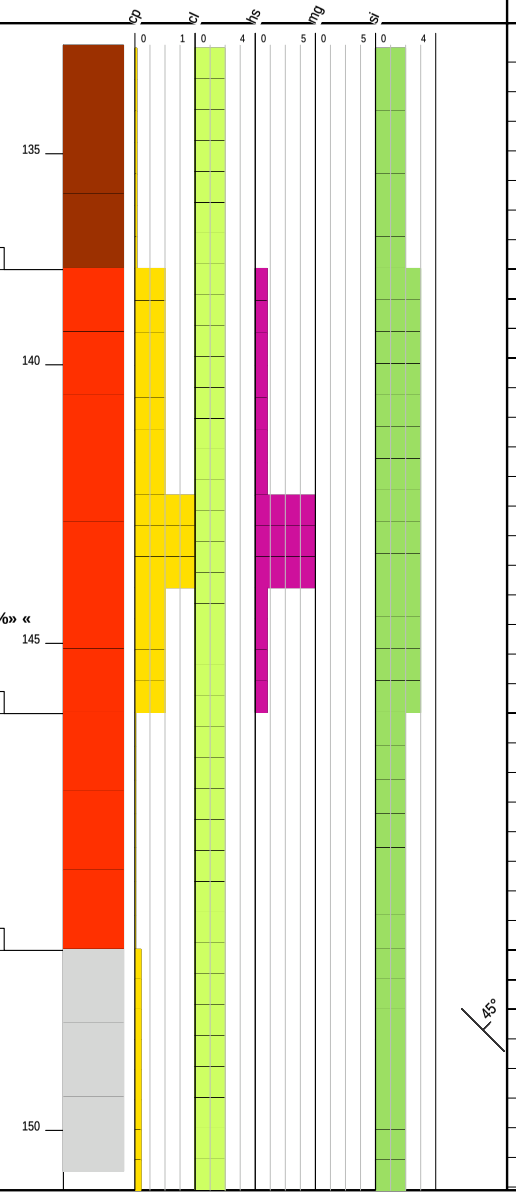
From	To	Rocktype & Description
		Unaltered, except towards lower contact, where it is moderately silicified and probably albitized. « 110.75- 111.43 Silicification 2» « Albite 2.00°» In unit « qtz-li>py>chalco veining 0.3%» Overall « Pyrite 0.50%», disseminated, blebby and in veining; more abundant in lower half of unit..
111.43	118.02	vn
		QUARTZ VEIN. Smoky qz, looks to have been cut by 10% irregular later milky qtz with hazy edges/contacts. Locally short pale grey-green sections with irregular/gradational outlines that represent altered and partially absorbed wallrock fragments. « Silicification 4.00*» qz vein is weakly crackle-brecciated. Minor limonite associated with the crackle-brecciation. Unit contains 2% coarse disseminated anhedral pyrite, (clots up to 10mm in diameter). Minor earthy hematite deriving from the pyrite grains (photograph). « Pyrite 2.00%» « Limonite 1.00*» « Hematite 1.00*» Sharp upper contact at 65°; lower contact also sharp but irregular. It is possible that instead of a Quartz vein, this section is merely almost totally silicified sediments.
118.02	138.27	slts
		SILTSTONE. Medium grey. Bedding visible locally to 122m, more massive below this. Entire unit moderately silicified, with weak to moderate pervasive silicification plus dark irregular silica-rich patches that resemble vein material of above unit. « Silicification 2.00*» « 128.10- 128.58 Albite 3.00*», bleached. « 132.80- 138.27 Albite 1*» Significant pyrite content, both disseminated and in hairline irregular stringers (many of them oxidized) that may also contain qtz+/- calcite. Trace disseminated chalco. Hematite predominates in upper half of unit; below this limonite is the dominat Fe-oxide. « li/he+/-py+/-qtz+/-ca veining 2%» « Pyrite 2.00%» « 118.02- 138.27 Chalcopyrite 0.03%» « 118.02- 138.70 Hematite 1*» « 129.00- 138.27 Limonite 1»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
111.43	113.00	1.57	398526	0.017	0.14	241	6.5	8.68
113.00	114.91	1.91	398527	-0.005	0.07	14	0.9	1.60
114.91	116.50	1.59	398528	-0.005	0.13	17	1.1	2.59
116.50	118.02	1.52	398529	-0.005	0.07	5	1.3	2.31
118.02	119.40	1.38	398530	-0.005	0.08	19	1.7	2.54
119.40	121.01	1.61	398532	-0.005	0.15	33	2.4	5.27
121.01	122.50	1.49	398533	0.017	0.23	189	2.9	6.06
122.50	124.05	1.55	398534	-0.005	0.16	23	1.9	5.38
124.05	125.60	1.55	398536	0.006	0.23	9	2.6	4.85
125.60	127.10	1.50	398537	-0.005	0.28	5	2.1	2.70
127.10	128.10	1.00	398538	-0.005	0.23	4	2.3	2.71
128.10	128.70	0.60	398539	-0.005	0.46	78	8.8	11.00
128.70	129.00	0.30	398540	-0.005	1.15	353	7.9	16.15
129.00	130.50	1.50	398541	-0.005	0.14	18	2.9	3.94
130.50	132.50	2.00	398542	0.009	1.21	586	8.9	24.20
132.50	132.80	0.30	398543	-0.005	0.16	39	2.6	4.30
132.80	134.80	2.00	398544	0.020	0.12	46	3.8	2.40
134.80	136.80	2.00	398545	-0.005	0.11	18	3.4	2.13
136.80	138.27	1.47	398546	-0.005	0.14	15	4.0	2.53

Project: Werneckes **Hole Number:** UT07-09

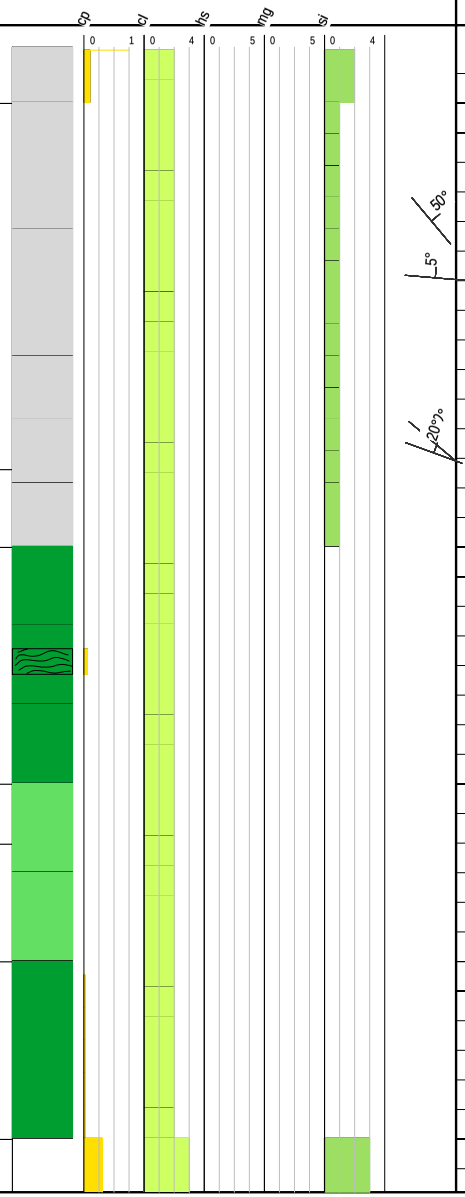
From	To	Rocktype & Description
		< @ 120.50 bedding 55° >< @ 121.15 bedding 52° >
		« 128.70- 129.00 fault » gouge, compacted, harder than pure clay - may have been subsequently weakly silicified.
		« 132.50- 132.80 graphitic shear/ fault 60°» « Graphite 10%».
138.27	146.24	bht
		WERNECKE BRECCIA.
		Light brownish-green, with pink patches.
		Strong silicification, moderate patchy carbonatization (calcite), probable weak pervasive kspar alteration.
		Moderate patchy/streaky earthy hematite.
		« Silicification 3.00*» « Calcite 2.00*» « K-feldspar 1.00*» « Hematite 2.00*»
		« Limonite 1.00*» on fracture surfaces.
		Overall « 138.27- 146.24 qtz-ca-hs-cp>py veining 2%»; « Chalcopyrite 0.50%» « Specularite 1.00%» « Pyrite 0.01%». Spec hem and sulphides occur both with veining and disseminated. Most of veining is as random stringers.
		Between« 142.34- 144.00 qtz>>ca-hs>cp>py veining 7.00%» « Specularite 5.00%» « Chalcopyrite 1.00%» « Pyrite 0.05%». One vein is 1.5cm wide.
		Upper contact very gradational; lower contact abrupt but not measurable.
146.24	147.40	bht
		WERNECKE BRECCIA.
		Pale yellowish-green.
		Moderately silicified, probable moderate albitization, moderate carbonatization. « Silicification 2.00*» « Albite 2.00%» « Calcite 2.00*»
		Lower contact sharp < @ 147.40 contact 41.00° >
		Trace sulphides « Chalcopyrite 0.01%»
		3cm graphitic < @ 146.45 shear 60° >
147.40	151.65	shl
		METASOMATIZED SHALE/SILTSTONE.
		Grey-green. Bedded on a mm scale; locally bedding is obscured by alteration.
		Probably Quartet Shale.
		Probable strong albitization; moderate silicification, weak sericitization.
		« Albite 3.00%» « Silicification 2.00*» « Sericite 1.00%» .
		« Pyrite 0.50%» « Chalcopyrite 0.10%»
		Minor « 147.40- 151.65 calcite veining 0.2%».
		< @ 148.50 bedding 45° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
138.27	140.30	2.03	398547	-0.005	0.16	368	3.9	3.26
140.30	142.30	2.00	398548	-0.005	0.10	129	3.5	1.69
142.30	144.20	1.90	398550	0.009	0.22	955	3.8	13.55
144.20	146.24	2.04	398551	-0.005	0.15	398	3.2	1.98
146.24	147.40	1.16	398552	-0.005	0.15	59	3.8	3.44
147.40	148.60	1.20	398553	0.006	0.44	286	3.8	7.29
148.60	150.45	1.85	398554	-0.005	0.20	16	8.1	7.14
150.45	151.65	1.20	398555	-0.005	0.21	44	6.8	2.42

Project: Werneckes **Hole Number:** UT07-09

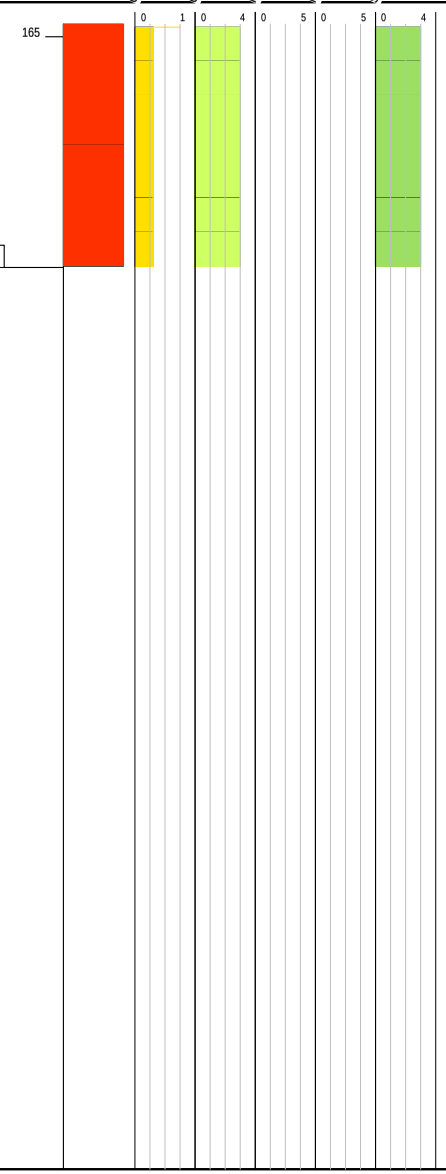
From	To	Rocktype	& Description
151.65	155.70	shl	SHALE/SILTSTONE. Dark grey. Bedded on a mm scale; lighter grey beds alternating with very dark grey. Probably Quartet Shale. « Silicification 1.00*» Bedding is in multiple orientations; ductile deformation and faulting has occurred. < @ 152.70 bedding 50° >< @ 153.20 bedding 5° >< @ 154.70 bedding 40° >< @ 154.80 bedding 20° > < @ 154.40 fault 87° > Minor graphite content « Graphite 3.00%» Contacts gradational. « calcite>>pyrite veining 0.5%» Overall « Pyrite 0.05%» .
155.70	159.40	fltg	FAULT ZONE. Black, clayey. Faulted graphitic shale (Quartet). « Graphite 5.00%» « Clay 30.00%» From « 157.30- 157.70 shl » a coherent block of albitized shale « Albite 2*» « Chalcopyrite 0.05%». Some core loss.
159.40	161.14	mts	METASOMATIZED SEDIMENTS. Dirty off-white to grey, somewhat chaotic in appearance. Strong patchy silicification, albitization. « Silicification 3.00*» « Albite 3.00*» « Pyrite 1.00%», « Chalcopyrite 0.30%» disseminated and in stringers.
161.14	164.50	fltg	FAULT ZONE. Dark grey. Similar to 155.7- 159.40, but slightly lower clay content, more fracturing than grinding-up. Lithology is similarly Quartet Shale. « 161.40- 164.50 Clay 20%» « Graphite 3.00%» « Chalcopyrite 0.01%». Core loss.
164.50	166.73	bht	HETEROLITHIC WERNECKE BRECCIA.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
151.65	153.60	1.95	398556	-0.005	0.19	17	7.8	1.04
153.60	155.70	2.10	398557	-0.005	0.31	88	8.0	1.75
155.70	157.58	1.88	398558	-0.005	0.49	145	10.9	4.95
157.58	159.40	1.82	398559	-0.005	0.88	507	12.7	3.83
159.40	161.14	1.74	398560	-0.005	0.49	115	2.8	1.97
161.14	163.68	2.54	398561	-0.005	0.86	296	6.3	3.75
163.68	164.50	0.82	398562	-0.005	0.73	281	5.9	3.93
164.50	166.73	2.23	398563	-0.005	0.19	18	9.7	1.10

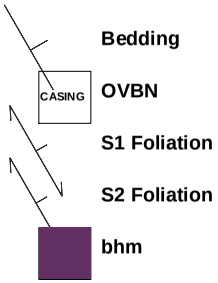
Project: Werneckes **Hole Number:** UT07-09

From	To	Rocktype & Description
		Red and grey-green clasts, green matrix. Clasts clearly visible, discrete, subrounded, pebble- to cobble-size. Strong pervasive silicification, strong chlorite (matrix), moderate calcite (matrix). « Silicification 3.00*» « Chlorite 3.00*» « Calcite 2.00*» « Pyrite 1.00%», disseminated, very fine-grained, euhedral. « calcite veining 1%», random, pitted due to dissolution.
		EOH
166.73	166.73	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bhm

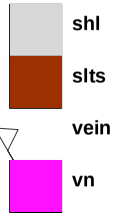
bht

dol

fltg

mts

mts



shl

slts

vein

vn

DRILL LOG

Project: Weneckes	**Collar Elevation (m):** 1523.0
Hole UT07-10	**Azimuth (º):** 155
Location: 7200220 m North, 534277 m East	**Dip (º):** -42.0
Logged by: T.Branson	**Length (m):** 171.37
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/25 **Date Completed:** 2007/08/29	
Dip Tests By:	
Objective To test for U mineralization at the Rio Zone.	

Summary Log:

Uranium mineralization in the form of fine grained brannerite was found @132.5 m

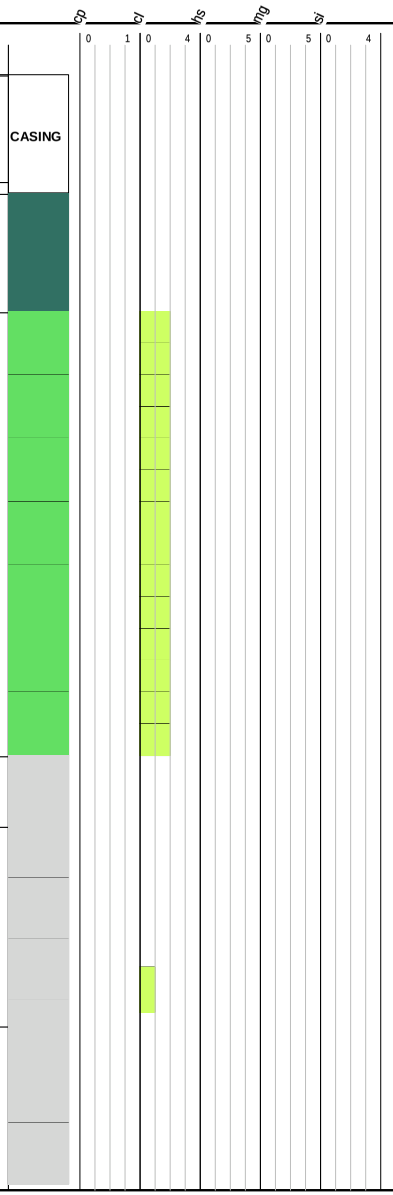
0-5.49 m CASING
5.49-8.2 m METASOMATISED SEDIMENTS (mts): pale green. sMS, mCL. 10% CB veining. PY 2%.
8.2-52.7 m SHALE (shl): dark grey. mAB, mSI, 5% CA-PY veins.
52.7-62.25 m METASOMATISED SEDIMENTS (mts): light grey. SI, AB crackle breccia, Cl altered matrix. Scint 220cps.
62.25-69.14 m HETEROLITHIC BRECCIA (bht): dark green. Matrix supported. sSI, sCL. wHE. Locally 5% PY, 10% MG, 0.1% CP.
69.14-97.67 m METASOMATISED SEDIMENTS (mts): pale green to yellow, sKFP, mSI, mMS, wCL. Trace CP and HS
97.67-114.01 m METASOMATISED SEDIMENTS (mts): light grey to black. sSI, sAB, sMS, wCL.
114.01-118.02 m HETEROLITHIC BRECCIA (bht): dark grey to light green. mSI, mCL
118.02-171.37 m SHALE/SILTSTONE (shl/slts): dark grey to local pink and greens due to alteration. Locally sMS, sSI, mAB. @132.5m 455cps in quartz vein with associated fine grained brannerite.
171.37 m E.O.H.

Downhole surveys:

Depth	Dip	Azimuth
0.00	-42.00	155.00
15.00	-40.60	155.80
65.00	-39.60	162.20
110.00	-38.40	159.70
170.00	-35.90	160.40

Project: Werneckes **Hole Number:** UT07-10

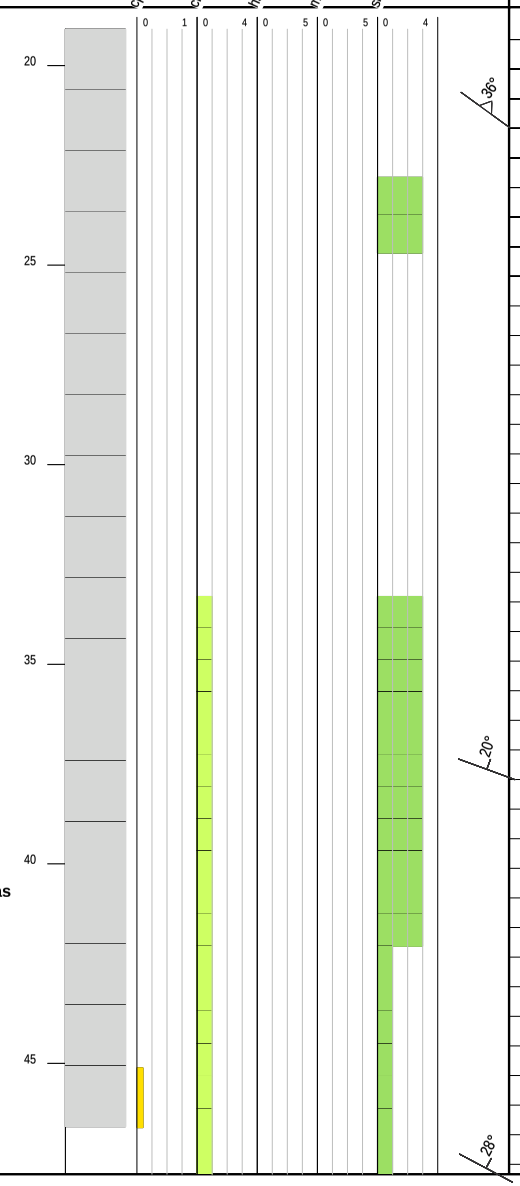
From	To	Rocktype & Description
0.00	5.49	OVBN CASING. Core recovered appears to be overburden
5.49	6.85	fltbx FAULT BRECCIA. Poor recovery Dark grey sheared shale with randomly oriented carbonate+/-limonite veinlets grade into intensely chlorite altered pebbles.
6.85	8.20	mts METASOMATISED SEDIMENTS. Pale green strongly altered sediments « carbonate veining 10.00% 0.20-4.00cm» « carbonate veining 20.00-55.00°» « K-feldspar 3.00*» alteration for the top 30 cm of the unit « Sericite 2.00*» alteration for remainder of unit « Chlorite 2.00*» strongest as halos around carbonate veins. Also forms wispy stringers throughout unit « Pyrite 2.00%» associated with carbonate veins as disseminations within veining and as selvages < @ 8.00 magnetite mineralization 0.01% >, < @ 8.00 hematite mineralization 0.02% > a few 2-5mm specks disseminated in carbonate veins Bottom contact is sharp and is at 50 degrees to core axis
8.20	52.70	shl SHALE/SILTSTONE. Dark grey shaly siltstone with interbedded lighter grey(albitic?) layers and varying degrees of silica, calcite and kspar alteration intensity throughout unit. « 8.20- 13.50 calcite veining 5% 1-5mm» « 13.50- 14.63 quartz+/-carbonate veining 10% 2-5mm» « Chlorite 1.00*» « Pyrite 3.00%» associated with calcite veins as replacement of veinlets and as selvage « 11.35- 11.62 quartz carbonate +/-pyrite vein 50 deg 28cm» « Albite 2.00*» alteration along bedding over interval from 8.20m to 22.80m. Very minor malachite along fracture surfaces. Pyrite less common in this



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
5.49	6.85	1.36	398564	-0.005	0.66	139	3.0	3.28
6.85	8.20	1.35	398566	-0.005	0.41	39	1.9	0.77
8.20	10.20	2.00	398567	-0.005	0.21	54	2.2	1.25
10.20	12.20	2.00	398568	-0.005	0.20	28	1.8	0.50
12.20	14.20	2.00	398569	-0.005	0.34	47	1.8	0.51
14.20	16.20	2.00	398570	-0.005	0.23	56	2.0	0.64
16.20	18.20	2.00	398571	-0.005	0.23	63	2.0	0.62
18.20	20.20	2.00	398572	-0.005	0.49	167	2.5	0.68
20.20	22.20	2.00	398573	-0.005	0.27	150	1.8	0.43
22.20	24.20	2.00	398575	-0.005	0.53	115	2.5	0.51
24.20	25.75	1.55	398576	-0.005	0.34	49	2.3	1.86
25.75	26.20	0.45	398577	0.005	0.77	45	1.3	2.14
26.20	27.15	0.95	398578	0.005	0.87	437	1.4	2.45
27.15	28.45	1.30	398579	0.007	1.21	191	2.9	2.69
28.45	30.30	1.85	398580	-0.005	1.26	183	3.7	6.60
30.30	32.30	2.00	398581	-0.005	1.09	386	3.4	6.21
32.30	34.30	2.00	398582	-0.005	0.60	543	6.1	5.86

Project: Werneckes **Hole Number:** UT07-10

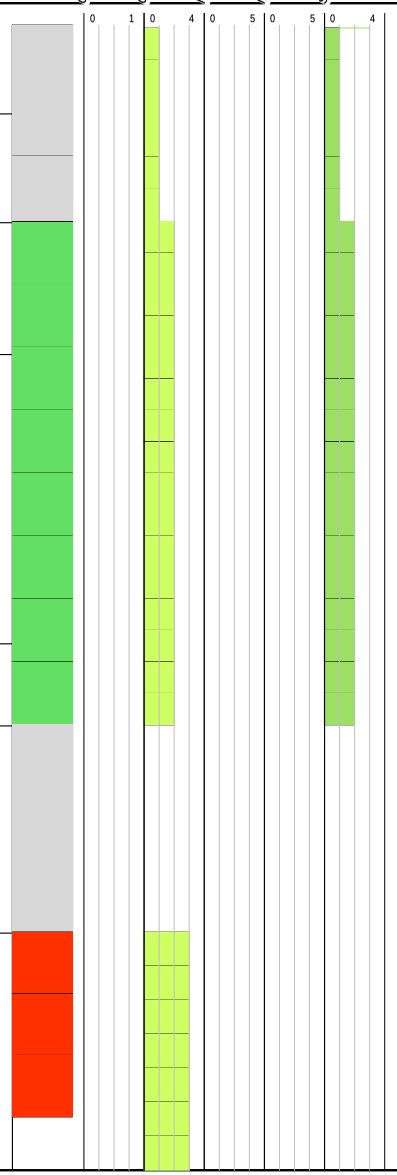
From	To	Rocktype & Description
		alteration style. Alteration grades into a qtz carb+/-pyrite vein on either side of the vein.
		« Silicification 3.00*» from 22.80-24.70m, « 24.80- 25.50 K-feldspar 3*» with irregular stockwork « 22.80- 33.30 calcite+/-albite veining 10% 1-5mm». Locally graphitic < @ 28.90 Graphite 1 >.
		« 22.80- 33.30 Pyrite 5-10%» within shale and veining
		« 25.75- 27.15 quartz+/-calcite+/-albite+/-pyrite vein 65deg» and « 28.00- 28.45 quartz+/-calcite+/-albite+/-pyrite veining 65°». Contact with shale < @ 28.45 contact 60° >
		< @ 33.30 Alteration contact 50° > original bedding can be seen in altered clasts that has been fractionated. « 33.30- 42.06 Silicification 3*», « 33.30- 42.06 Albite 2*», « K-feldspar 1*»« Chlorite 1*», « 33.30- 35.97 Sericite 2*» Appears that albitization occurred prior to silicification, causing a brecciated appearance for the last 3.5m of this section of alteration. Bedding can be discerned through alteration.
		« 33.30- 39.01 Pyrite 1%», « 39.01- 42.06 Pyrite 5%» . Pyrite rarely forms along bedding plane, replacing complete beds for 1-2 mm thickness.
		« 42.06- 52.70 Silicification 1*», « Chlorite 1*», « Albite 1*». with « calcite+/-albite+/-quartz veining 1-5%» « Pyrite 1%» , mainly disseminated throughout; also forms in small wisps and within veins. « 45.11- 46.61 0.1% Chalcopyrite » Shale has brecciated appearance with varying degrees of brecciation, as well as flow banding texture, which could be plastically deformed beds allowing fluids to move through and brecciate the host shales.
		« 45.25- 45.50 fine-grained brecciation 4*» and @ « 45.70- 45.90 fine-grained brecciation 4*» where clasts have been sericite, epidote, chlorite, silica or albite altered and are hosted in a fine grained quartz matrix.
		« 51.70- 52.61 No recovery wash 91.00cm»
		Lower contact is a fault zone with poor recovery



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
34.30	36.30	2.00	398583	0.016	0.44	23	4.2	3.37
36.30	38.30	2.00	398584	0.016	0.44	32	4.5	3.01
38.30	40.30	2.00	398585	0.012	0.24	33	3.1	2.23
40.30	42.06	1.76	398587	0.006	0.26	10	3.4	1.45
42.06	44.00	1.94	398588	-0.005	0.33	212	3.5	3.71
44.00	46.00	2.00	398589	-0.005	0.28	81	3.9	2.99
46.00	48.00	2.00	398590	0.005	0.17	15	3.3	1.63
48.00	50.00	2.00	398591	0.006	0.48	57	2.8	3.39
50.00	52.70	2.70	398592	-0.005	0.78	180	4.2	4.63

Project: Werneckes **Hole Number:** UT07-10

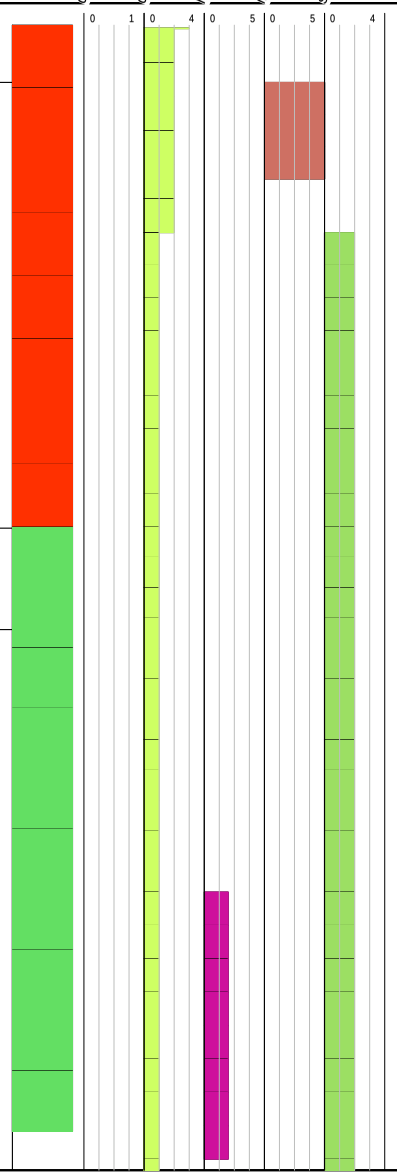
From	To	Rocktype & Description
		< @ 9.00 bedding 35° >
		< @ 16.00 bedding 18° >
		< @ 21.00 Quartz +/- carbonate (ankerite?) +/- Pyrite veining 36° 4cm >
		< @ 37.50 bedding 20° >
		< @ 47.50 bedding 28° >
52.70	61.40	mts
		METASOMATIZED SEDIMENTS. Light Grey. Crackle brecciated strongly albitized, moderately silicified and chloritic sediments, with local sericite alteration and kspar altered clasts. 2-5% pyrite disseminated throughout. 1% calcite veinlets
		Moderate chlorite« Chlorite 2*» mainly focused along fractures between clasts
		Moderate albite« Albite 2*» pervasive, and possibly first alteration event to effect host rock
		Moderate silica« Silicification 2*»pervasive throughout interval
		« Pyrite 0.50%» disseminated and forms as selvage along fractures and calcite veins
		« 52.70- 61.40 calcite veinlets 1.00% 1.00-2.00mm»
		< @ 56.25 K-feldspar 2* >
		« 56.35- 57.60 Sericite 2.00°»
		« 58.25- 61.40 K-feldspar 3.00*»
		« 57.60- 58.25 fault zone
		< @ 61.40 contact 55° >
61.40	62.25	shl
		SHALE. Dark Grey. Moderately silicified and weakly albitized with calcite+/-quartz+/-pyrite veinlets forming irregular stockwork within deformed shale beds.
		Upper contact < @ 61.40 fault zone 55° 5cm >.
62.25	69.14	bht
		HETEROLITHIC BRECCIA. Locally grading between green, grey, and light grey . Locally 5% pyrite, related to magnetite, up to 10%, and trace chalco.
		Large(2-5cm) silicified, albitized and fragmented clasts supported in strong chlorite, moderately albite altered matrix that grades into moderate chlorite and calcite altered fine grained matrix hosting magnetite, and grades into fine grained moderately silicified, weakly sericitised breccia hosting abundant earthy hematite altered clasts and 0.5% pyrite.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
52.70	54.70	2.00	398594	0.035	0.81	26	36.4	68.20
54.70	56.70	2.00	398595	0.016	0.80	29	31.9	78.80
56.70	58.70	2.00	398596	0.018	0.97	36	18.5	53.90
58.70	60.70	2.00	398597	0.011	0.79	15	11.1	98.00
60.70	61.40	0.70	398598	0.031	2.95	327	21.4	153.00
61.40	62.27	0.87	398599	-0.005	0.51	158	4.7	29.30
62.27	64.25	1.98	398600	0.074	1.78	318	20.0	63.70
64.25	66.00	1.75	398601	0.263	1.84	122	11.5	149.00
66.00	68.00	2.00	398602	0.017	0.27	6	6.0	8.38
68.00	69.14	1.14	398603	0.015	0.52	9	11.8	14.25

Project: Werneckes **Hole Number:** UT07-10

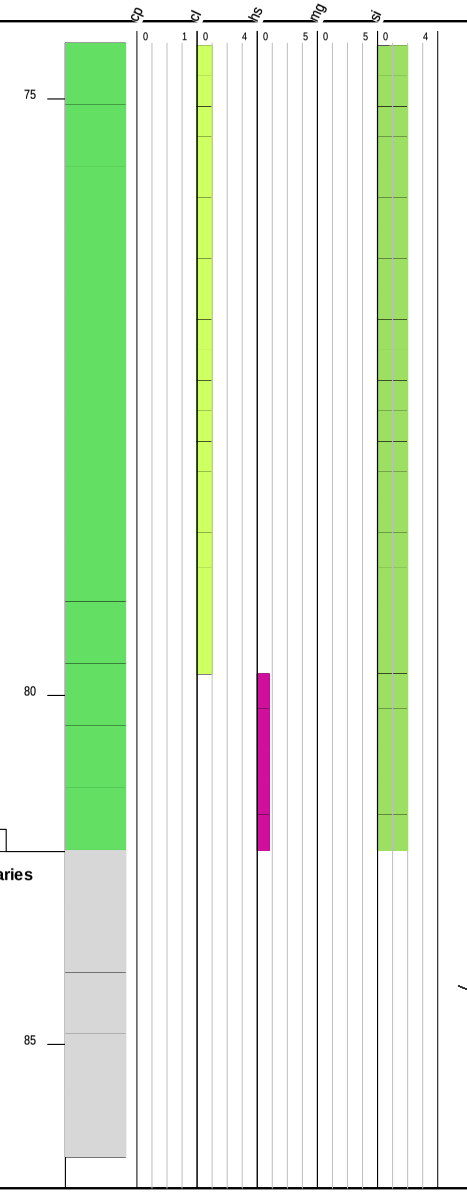
From	To	Rocktype & Description
		Pyrite « 62.25- 65.90 Pyrite 5%» disseminated and forms as replacement along fracture filling veinlets across breccia « 62.25- 64.50 Chlorite 3*» « 62.25- 65.00 Albite 2*» « 64.50- 66.40 Chlorite 2*» « 65.00- 66.40 Calcite 2*» « 65.00- 65.90 mg 10% 1-3mm» « 66.40- 69.14 Silicification 2*», « Sericite 1*», « Chlorite 1*» Trace pyrite « 65.90- 68.90 Pyrite 0.01%» disseminated within breccia matrix. Pyrite mineralization gradually increases to 5% near the contact over 40cm.
69.14	81.30 mts	METASOMATIZED SEDIMENTS. Pale orange to salmon pink to grey, depending on dominant alteration, varying from strong kspar to strong silica, and moderate earthy hematite alteration. Locally chaotically metasomatized, with narrow(0.5-2cm) bands of sericite, chlorite, quartz and kspar. Albitic veinlets in random orientations and locally weakly hematite altered. Pyrite mineralization trace to 0.1% throughout the kspar alteration zones but is absent from rest of unit. Strong kspar, moderate silica; sericite, and weak chlorite alteration « 69.14- 72.20 K-feldspar 3.00*», « Silicification 2.00*», « Sericite 2*»« Chlorite 1.00*» Chlorite forms along fractures and pyrite « Pyrite 2%» mineralization is associated with chlorite alteration. Limonite forms as a crusting along major fractures Alteration style changes abrubtly at 72.20m to moderate kspar, earthy hematite, silica, and weak chlorite alteration until 74.44m. Chaotic appearance. Calcite hosted as stringers and blebs within matrix « 72.20- 74.44 K-feldspar 2*», « Silicification 2*», « Specularite 2*», « Chlorite 1*» « calcite+/-albite stringers 2% 1-2mm» with common chlorite replacement



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
69.14	71.00	1.86	398604	0.040	0.99	13	5.2	92.40
71.00	73.00	2.00	398605	0.008	0.34	4	3.7	10.30
73.00	74.44	1.44	398606	-0.005	0.04	3	4.3	1.71
74.44	76.00	1.56	398607	-0.005	0.07	3	3.4	2.11
76.00	78.00	2.00	398608	-0.005	0.12	9	4.0	2.12
78.00	79.82	1.82	398609	-0.005	0.10	4	4.7	2.85
79.82	80.10	0.28	398610	-0.005	0.17	9	4.9	3.73
80.10	80.75	0.65	398611	-0.005	0.10	6	3.1	1.72
80.75	81.30	0.55	398612	-0.005	0.07	4	2.5	1.48

Project: Werneckes **Hole Number:** UT07-10

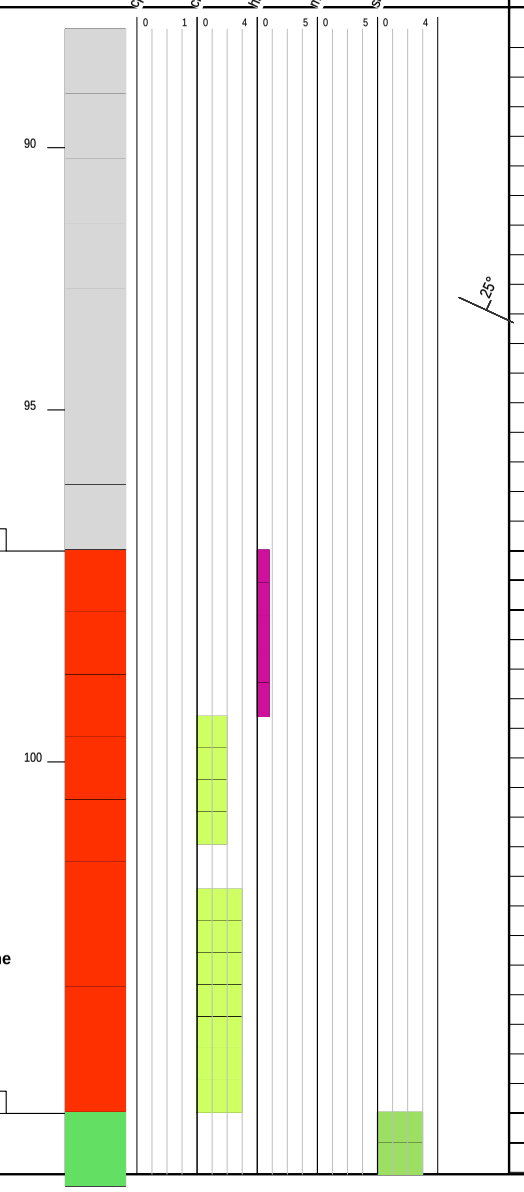
From	To	Rocktype & Description
		that continues to the end of the unit.
		Preferred orientation of alteration < @ 73.00 Foliation 33° >
		Alteration changes at 74.44m to moderate silica, albite and weak sericite, chlorite alteration. Rare earthy hematite bands associated with sericite, replacing calcite+/-albite veins.
		« 74.44- 78.64 Silicification 2*», « Albite 2*», « Sericite 1*», « Chlorite 1*»
		Strong kspar alteration for 0.3m interval
		« 77.50- 77.80 K-feldspar 3*»
		Alteration switches from moderate albite to strong kspar with a loss in sericite alteration at 78.64m. Moderate silicification continues over this interval. Chlorite continues to infill fractures and replace irregular randomly oriented veins.
		« 78.64- 79.82 K-feldspar 3*», « Silicification 2*», « Chlorite 1*»
		« Pyrite 0.1%» disseminated and associated with chlorite
		No longer kspar altered, but a return to moderate albitization, with continued moderate silicification, with weak earthy hematite alteration from 79.82.
		« 79.8m2- 81.30 Albite 2*», « 79.82- 81.30 Silicification 2*», « Specularite 1*»
		Fault zone < @ 80.75 Fault 35° 25cm >
		Lower contact with metasomatized shale/siltstone
		< @ 81.30 contact 80° >
81.30	97.67	shl
		METASOMATIZED SHALE/SILTSTONE. Pale green to pale yellow. Alteration varies from strong sericite alteration to strong kspar alteration, strong silicification throughout; spotty weak chlorite alteration. Bedding visible, and alteration is preferentially following bedding. 1% Irregular albite +/- quartz veins throughout, « 81.20- 92.80 albite+/-quartz veining 1%» with a change to 10% quartz veining
		« 92.80- 96.67 quartz veining 10% 1-15mm» when the kspar alteration picks up.
		Strong sericite alteration « 81.30- 92.80 Sericite 3*», with interbedded layers of moderate kspar alteration beginning @ « 85.40- 92.80 K-feldspar



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
81.30	82.40	1.10	398613	-0.005	0.06	4	3.0	1.06
82.40	84.00	1.60	398614	-0.005	0.03	3	1.8	0.74
84.00	86.00	2.00	398615	-0.005	0.02	2	2.6	1.14
86.00	88.00	2.00	398616	-0.005	0.03	1	3.0	0.44
88.00	90.00	2.00	398617	-0.005	-0.01	1	2.6	0.46
90.00	92.00	2.00	398618	-0.005	0.01	5	2.7	0.61
92.00	94.00	2.00	398619	-0.005	-0.01	4	3.0	2.86
94.00	96.00	2.00	398620	-0.005	0.01	3	2.9	5.31
96.00	97.67	1.67	398621	-0.005	0.05	4	3.7	5.14

Project: Werneckes **Hole Number:** UT07-10

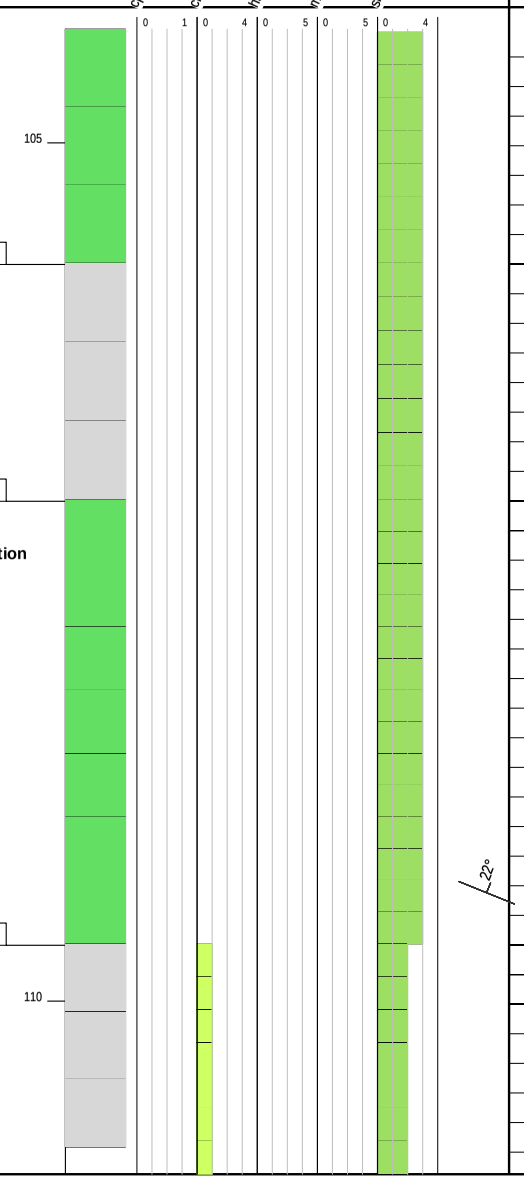
From	To	Rocktype & Description
		2*»
		Rare mirco faulting perpendicualr to bedding offsets beds by 1cm.
		Pale yellow Kspar alteration gradually increases over this interval until it
		becomes dominant altertion type « 92.80- 96.67 K-feldspar 3*», and quartz
		veining chaotically brecciates the kspar altered shale. Trace pyrite « Pyrite
		0.01%»
		Lower contact is sharp with breccia, although alteration becomes extremely
		complex for final 20cm, with sericite, chlorite, silica and kspar tightly
		packed together. Also there is an increase in pyrite just before the interval
		to approximately 1%.
		< @ 84.00 bedding 22° >
		< @ 93.00 bedding 25° >
97.67	103.85	bht
		HETEROLITHIC BRECCIA. Reddish grey to dark green.
		Fine grained to coarse grained matrix of subrounded clasts of kspar, sericite,
		albite, calcite, quartz and hematite altered clasts, with 1% disseminated
		hematite and pyrite.
		« 97.67- 99.50 Pyrite 1%»m, « Specularite 1%»
		Moderate kspar alteration « 97.67- 99.50 K-feldspar 2*» of entire interval,
		gradualllly grading into moderate chlorite alteration, coinciding with a loss of
		the fine-grained matrix, earthy hematite clasts and an increase in pyrite %. «
		Chlorite 2.00*»
		« 99.50- 100.0 Chlorite 2.00*» « Pyrite 5.00%», finely disseminated
		Grades back into kspar altered matrix, but now with coarse grained clasts with
		a loss of pyrite and chlorite alteration.
		« 100.90- 101.40 K-feldspar 2*»
		Chlorite alteration becomes strong at 101.4m and effects the matrix whereas the
		clasts are now mainly calcite, albite and earthy hematite altered. Pyrite is
		once again present« Pyrite 1%» as fine disseminations.
		« 101.40- 103.85 Chlorite 3*»
		Lower contact is < @ 103.85 contact 90° >
103.85	105.79	mts
		METASOMATIZED SEDIMENTS. Light grey to light tan. Strongly silicified,
		albitized, and sericitized, with minor calcite veins and highly fractionated. «



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
97.67	99.55	1.88	398622	-0.005	0.07	5	3.9	1.92
99.55	101.50	1.95	398623	0.005	0.14	9	4.1	3.21
101.50	103.02	1.52	398624	0.007	0.11	6	8.6	5.71
103.02	103.85	0.83	398625	0.008	0.14	6	5.4	5.09
103.85	104.75	0.90	398627	-0.005	0.02	21	2.8	1.51
104.75	105.79	1.04	398628	-0.005	-0.01	6	2.8	2.37

Project: Werneckes **Hole Number:** UT07-10

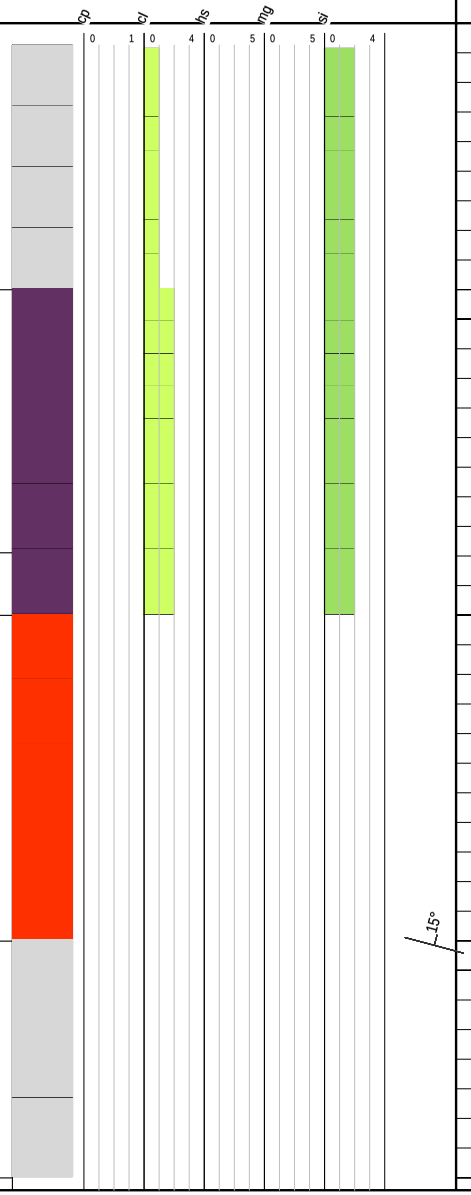
From	To	Rocktype & Description
		Silicification 3*», « Albite 3*», « Sericite 2*». Alternatively, the unit could possibly be silicified chert, due to sharp lower contact with shale and the very similar unit underlying the shale.
		< @ 105.25 Fault 75° >
		Sharp lower contact with shale < @ 105.79 contact 65° >
105.79	107.48	shl
		SHALE. Dark Grey. Strongly silicified « Silicification 3*» with 1% irregualr quartz veinlets« quartz veining 1% 1-2mm». Locally graphitic along fracture surfaces. Trace pyrite « Pyrite 0.01% » associated with veining. No visible bedding, and appears that this zone avoided the albitization/sericitization seen on either contact
		Lower contact < @ 107.48 contact 55% >
107.48	109.45	mts
		METASOMATIZED SEDIMENTS. Light greyish tan. Strongly silicified« Silicification 3*» and sericitized« Sericite 3*» sediments hosting irregular« quartz stringers, veinlets and veins, veining 5% 1-20mm», commonly association with weak chlorite alteration and minor muscovite crystal growth. Sericite alteration grades in and out with an almost cherty sediment, while silicification is pervasive throughout.
		Very hard and heavily mirco fractured thoughout.
		Lower contact is semi sharp < @ 109.45 contact 40.00° > with shale, but some bleeding of alteration is visible into the shale along quartz veinlets and stringers. Possible bands of bedding are faintly visible < @ 109.20 relict bedding 22° >
109.45	114.01	shl
		SHALE. Black. Moderately silicified, weakly chloritized with 2% irregular quartz+/-calcite+/-pyrite, trace chalcopyrite, veinlets « quartz+/-calcite+/-pyrite veinlets, veining 2.00% 2.00-5.00mm». 1-3% pyrite hosted in veining and also as disseminated crystals with the shale. Graphite coating along fracture surfaces « Silicification 2*», « Chlorite 1*» « Pyrite 1-3%» « fracture coating Graphite 0.01%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
105.79	107.48	1.69	398629	-0.005	0.06	7	4.0	1.24
107.48	109.48	2.00	398630	-0.005	-0.01	20	3.2	1.85
109.48	111.45	1.97	398631	-0.005	0.03	11	2.5	0.92
111.45	113.45	2.00	398632	-0.005	0.02	8	2.9	1.05
113.45	114.01	0.56	398633	-0.005	0.07	7	3.2	2.56

Project: Werneckes **Hole Number:** UT07-10

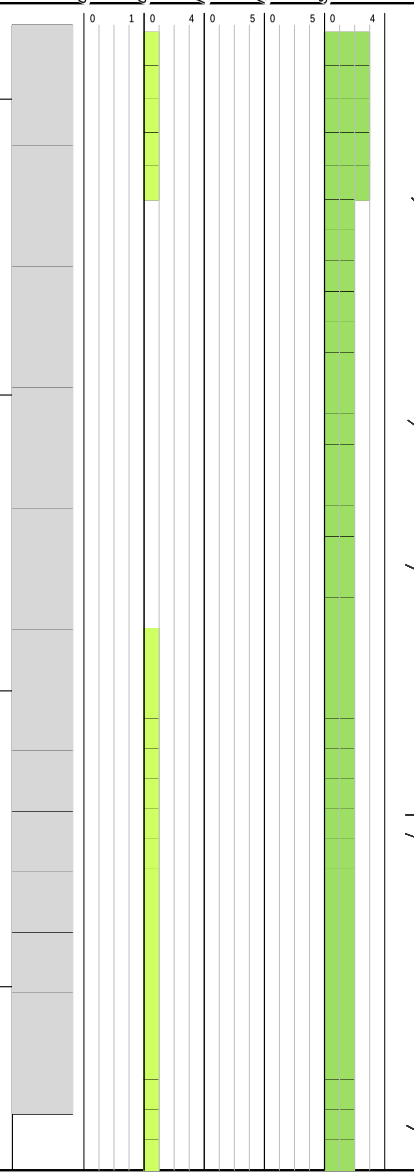
From	To	Rocktype & Description
		Beginning of monolithic brecciation< @ 113.22 brecciation 2cm > and < @ 113.40 brecciation 2cm > of the shale. Matrix consists of very fine-grained albitized, potassic and siliceous clasts with very fine-grained pyrite dissemination with chlorite alteration overprint. Lower contact quickly grades into the monolithic breccia phase beginning at 114.01m.
114.01	115.23	bhm
		MONOLITHIC BRECCIA. Mixture of dark grey and light green. Choatic brecciation of shales by moderately silicified and chloritized fine-grained matrix of mainly albitic, sericitic and possibly calcareous clasts, with 2% pyrite dissmeniated throughout. Shale to matrix ratio is roughly 1:1 « Silicification 2*», « Chlorite 2*», « Pyrite 2%» Lower contact grades quickly into heterolithic breccia < @ 115.23 contact >
115.23	118.02	bht
		HETEROLITHIC BRECCIA. Light green. Moderately silicified and chloritized fine-grained to coarse-grained matrix of shale, albitic, siliceous, sericitic and calcareous clasts, with 1% pyrite dissmeniated throughout. Towards lower contact larger clasts(2.5cm) are poorly sorted within the matrix. Irregular quartz+/-calcite veinlets and stringers throughout « quartz+/-calcite veinlets 1%» Possible fault zone < @ 116.37 fault zone 25° >, black, soft and graphitic region within the matrix. Could potentialy be a clay altered shale within the breccia? Lower contact is semi sharp and partially faulted
118.02	118.52	shl
		SILICIFIED SHALE. Grey, strongly silicified. Single quartz vein with weak chlorite and 1cm wide strong pale orange alteration halo. < @ 118.02 Relict bedding 15° > Sharp lower contact < @ 118.52 contact 75° >, with metasomatized shale
118.52	154.54	shl



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
114.01	116.00	1.99	398635	-0.005	0.10	24	4.0	4.21
116.00	118.02	2.02	398636	0.006	0.17	17	6.3	6.14
118.02	119.30	1.28	398637	-0.005	0.15	14	2.7	4.37
119.30	121.31	2.01	398638	-0.005	0.06	81	2.5	2.59

Project: Werneckes **Hole Number:** UT07-10

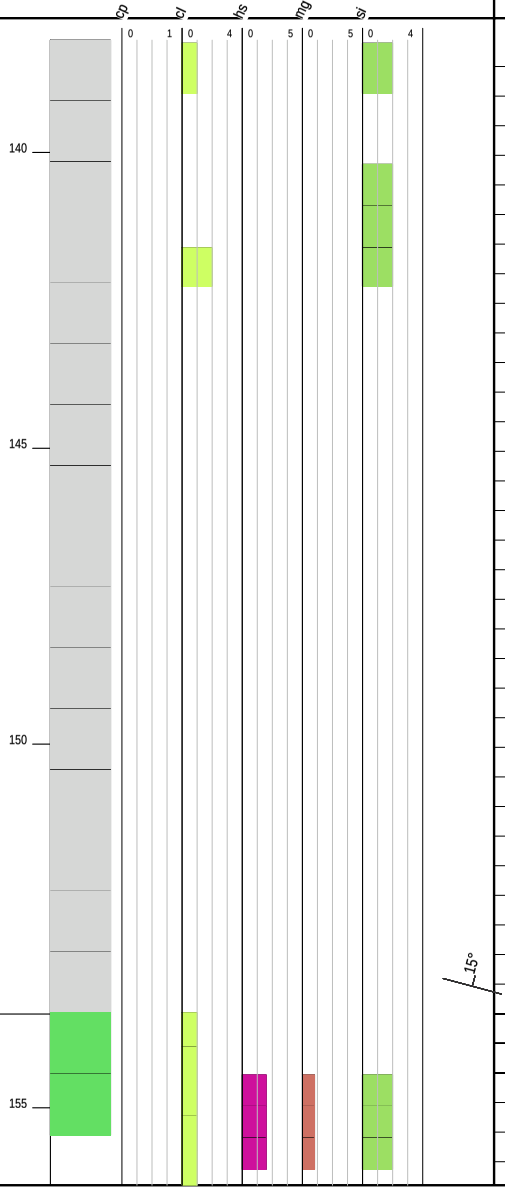
From	To	Rocktype & Description
		SHALE. Dark grey. Locally pale orange, light grey and pale green. Locally altered by silica, kspar, albite and sericite. 5-30cm quartz veins crosscuts shale at several locations. 3- 5% quartz+/-calcite+/- pyrite veinlets and stringers common throughout unit. Locally large (1-3cm) blebs of pyrite within veining blowouts.
		Locally brecciated, with no chlorite altreration, unlike monolithic breccia in upper unit.
		« 118.52- 118.87 quartz+/-kspar+/-chlorite+/-pyrite vein 37cm» Kspar within vein maybe altered host rock grains hosted within veining. Disseminated« Pyrite 5%» associated with chlorite alteration.
		Strong silicification« 118.87- 121.70 Silicification 3*» with associated quartz+/-chlorite+/-pyrite stringers and veinlets« quartz+/-chlorite+/-pyrite veining 10%». 1-3 cm kspar alteration halos commonly form around veinlets, and less commonly sericite
		,
		« 118.87- 121.70 K-feldspar 2*», « Sericite 2*», « Chlorite 1*», « Pyrite 3%»
		< @ 119.10 blebby Pyrite 3cm >, associated with quartz veining.
		Less common quartz veining and associated kspar alteration halos from 121.70-128.95, but still moderately silicified.
		« 121.70- 128.95 Silicification 2*».
		Graphitic coating along fracture surfaces « Graphite 0.10%»
		Irregular « calcite veinlets 3% 1-3mm» common
		< @ 125.65 quartz+/-chlorite vein 36° 6cm > with associated kspar and silica alteration. Chlorite forms as selvage and within the vein. No pyrite hosted within the vein, but is present as 1% within alteration zone.
		« Pyrite 0.1%» over entire interval(121.70-128.95)
		Moderately silicified
		« 128.95- 139.00 Silicification 2*», weakly albitized« Albite 1*», chloritized« Chlorite 1*», with 5-10% quartz+/-calcite veinlets« quartz+/-calcite veining 5-10% 1-5mm». Locally larger quartz vein systems present, < @ 132.00 quartz vein 5cm >, < @ 132.50 quartz+/-pyrite+/-brannerite veining 1cm 20 deg>.
		Locally scintillometer reading reaches 455cps due to tiny brannerite crystals with characteristic red halo< @ 132.50 Beryl 0.1%>



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
121.31	121.75	0.44	398639	-0.005	0.03	39	3.3	3.46
121.75	123.75	2.00	398640	-0.005	0.05	29	2.8	1.92
123.75	125.70	1.95	398642	-0.005	0.24	31	2.4	5.16
125.70	127.70	2.00	398643	-0.005	0.06	11	2.8	1.92
127.70	129.05	1.35	398644	-0.005	0.03	11	2.7	2.29
129.05	130.90	1.85	398645	-0.005	0.07	12	3.5	2.90
130.90	132.00	1.10	398646	-0.005	0.05	9	3.8	2.66
132.00	132.40	0.40	398648	-0.005	0.02	9	3.9	2.41
132.40	132.75	0.35	398649	-0.005	0.07	36	167.5	3.79
132.75	134.70	1.95	398650	-0.005	0.04	9	6.1	2.80
134.70	136.70	2.00	398651	-0.005	0.08	42	2.8	2.19
136.70	138.00	1.30	398652	-0.005	0.06	27	14.8	2.31
138.00	139.00	1.00	398653	-0.005	0.08	14	2.8	2.20
139.00	140.20	1.20	398654	-0.005	0.05	5	1.6	2.72
140.20	141.61	1.41	398655	-0.005	0.11	17	3.0	2.85
141.61	143.60	1.99	398656	-0.005	0.03	24	3.5	1.27
143.60	145.60	2.00	398657	-0.005	0.07	26	4.2	1.04
145.60	147.60	2.00	398658	-0.005	0.04	23	5.0	0.59
147.60	149.60	2.00	398659	-0.005	0.02	59	3.7	0.58
149.60	151.60	2.00	398660	-0.005	0.04	32	3.5	1.65
151.60	153.60	2.00	398662	-0.005	0.02	28	3.7	2.07
153.60	154.54	0.94	398663	-0.005	0.07	22	3.6	1.32

Project: Werneckes **Hole Number:** UT07-10

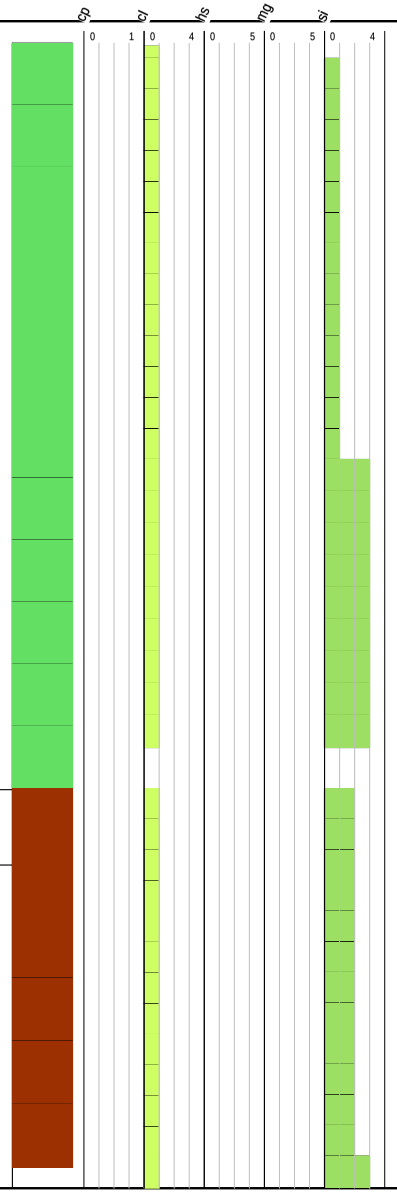
From	To	Rocktype & Description
		Alteration halos not as strong as higher up the hole, with no pale pink alteration, instead it is light grey, likely albite alteration.
		Intense quartz alteration, with strong kspar alteration with 1% pyrite « 139.00- 140.20 qtz 4*», « K-feldspar 3*», « Pyrite 1%»
		Moderate silicification« 140.20- 141.61 Silicification 2*», with calcite veinlets and stringers« calcite veinlets 1%» hosting « trace Pyrite ». Graphitic coating along fractures« Graphite 0.1%» < @ 141.30 fault zone 30cm >
		Transition into strong sericite, moderate silicification, weak chlorite alteration over 0.65m from fault contact with mottled mixing of moderate sericite, chlorite, kspar and quartz. with « 0.5% Pyrite » « 141.61- 142.26 Silicification 2*», « K-feldspar 2*», « Sericite 2*»« Chlorite 2*»
		Strong sericite « 142.26- 154.54 Sericite 3*» and irregular quartz« qtz 2*» alteration/veining « quartz veining 5.00% 2.00-10.00mm» with trace pyrite « Pyrite 0.01%» hosted within veins. Weak limonite crusting along fractures « Limonite 1.00*»
		Faulted lower contact < @ 154.54 faulted contact 10° > < @ 122.00 bedding 50° > < @ 128.00 bedding 25° > < @ 137.50 bedding 28° > < @ 154.00 bedding 15° >
154.54	159.00 mts	METASOMATIZED SEDIMENTS. Light pink to grey to pale orange. Locally strong potassic, siliceous, sericitic, while weakly chloritic throughout« 154.54-158.80 Chlorite 1*»; locally hosts chlorite altered andalusite porphyroblasts.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
154.54	155.30	0.76	398664	-0.005	0.04	4	2.1	1.54
155.30	157.20	1.90	398665	-0.005	0.12	15	4.4	3.66
157.20	159.00	1.80	398666	-0.005	0.13	9	3.1	6.04

Project: Werneckes **Hole Number:** UT07-10

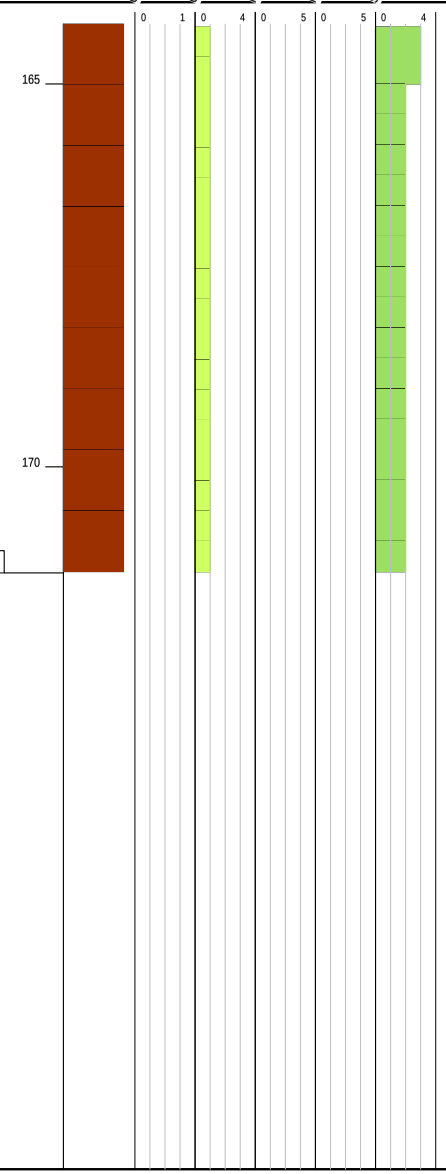
From	To	Rocktype & Description
		Uppermost part of unit is strongly altered by kspar « 154.54- 154.70 K-feldspar 3*» and quickly grades into moderately siliceous « 154.84- 155.30 Silicification 2*» and earthy hematite« Specularite 2*»altered matrix with 1% magnetite« mg 1%». The matrix appears to be weakly banded but it is not likely bedding. A small interval (15cm) of what appears to be breccia cuts the unit < @ 155.30 brecciation 48.00° >. Same appears and alteration as previously logged Wernecke Breccia higher up in the hole. Another cuts across < @ 155.98 brecciation 61° 2cm >. Possible siltstone protolith from 155.45m with strong albite « 155.45- 157.40 Albite 3*» and weak chlorite« Chlorite 1*», silica« Silicification 1*», sericite« Sericite 1*» alteration, hosting « andalusite porphyroblasts 1-3% 0.5-1cm» and « trace Pyrite ». Alteration qucikly grades into strong pale orange kspar « 157.40- 158.80 K-feldspar 3*», silica« Silicification 3*» and weak chlorite, sericite« Sericite 1*» alteration with 0.1% pyrite hosting quartz veinlets« quartz+/-pyrite veinlets 0.1% 2mm». Lower contact is a possible fault zone « 158.80- 159.00 fault zone 75° 20cm». Rock is grinded and after the zone bedding is visible and continuous.
159.00	171.37	slts
		METASOMATIZED SILTSTONE. Grey to pale orange. Moderate to strong silica alteration, weak to moderate albite alteration, weak chlorite « 159.00- 171.37 Chlorite 1*», and locally strongly sericitic and potassic. Hosts 1-5% chlorite altered andalusite pophyroblasts and trace pyrite « trace Pyrite ». Moderate silicification, « 159.00- 163.80 Silicification 2*», turning into strong silicification « 163.80- 165.00 Silicification 3*». Small fault zone < @ 165.00 fault zone 5cm > cuts off strong silicification, changing it to moderate silica « 165.00- 171.37 Silicification 2*» alteration until end of hole. < @ 161.35 quartz vein 39° 2cm > nearly perpendicular to bedding.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
159.00	161.00	2.00	398667	-0.005	0.29	14	3.2	8.30
161.00	163.00	2.00	398668	-0.005	0.09	5	2.7	2.86
163.00	165.00	2.00	398669	-0.005	0.17	30	2.5	4.53
165.00	167.00	2.00	398670	-0.005	0.20	36	2.5	2.34
167.00	169.00	2.00	398672	-0.005	0.27	66	2.4	5.15
169.00	171.37	2.37	398673	-0.005	0.12	25	2.0	1.47

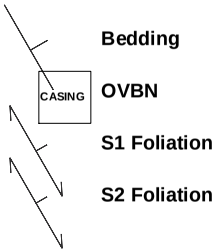
Project: Werneckes **Hole Number:** UT07-10

From	To	Rocktype & Description
		Moderate pale orange kspar « 159.00- 162.18 K-feldspar 2*», sericite« Sericite 2*» alteration effects the top of the interval and gradually grades out as albitization picks up. Moderate albite alteration begins at « 161.63- 162.18 Albite 2*», altering alternating beds with sericite and kspar and gradually increases in intensity until it becomes dominant alteration type « 162.18- 165.00 Albite 3*». Same fault cuts off strong albitization as silicification, changing it to weak albitization until end of hole « 165.00- 171.37 Albite 1*».
		Chlorite altered andalusite porphyroblasts « 162.18- 171.37 andalusite porphyroblasts 1-5%» appear when albitization alteration becomes strong and continues to the end of hole.
		< @ 161.00 bedding 51° >
		< @ 169.00 bedding 45° >
		E.O.H
171.37	171.37	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bhm

bht

fltbx

mts

shl

slts

vein

DRILL LOG

Project: Werneckes	**Collar Elevation (m):** 1721.0
Hole UT07-11	**Azimuth (º):** 150
Location: 7201068 m North, 534530 m East	**Dip (º):** -45.0
Logged by: S.Boyce	**Length (m):** 459.58
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/08/31 **Date Completed:** 2007/09/10	
Dip Tests By:	
Objective	

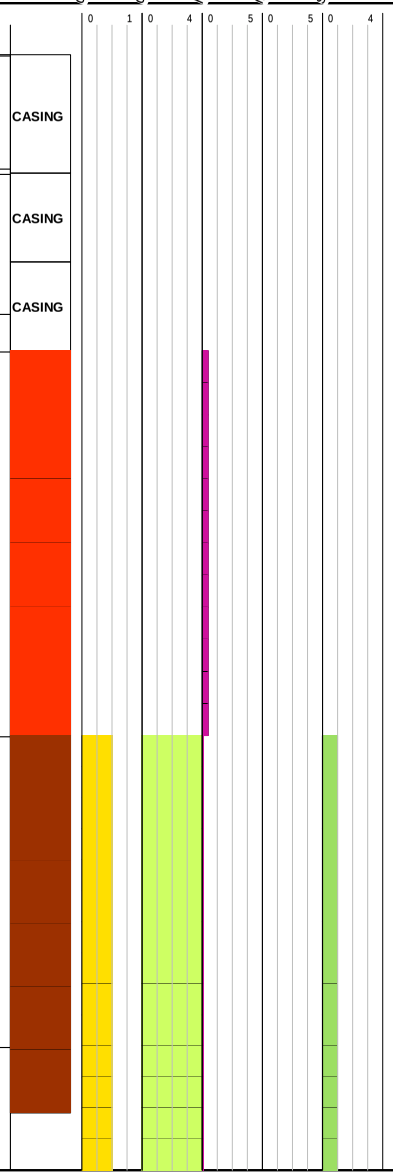
Summary Log:

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	150.00
10.00	-43.20	28.40
58.00	-41.60	161.60
124.00	-40.30	168.00
182.00	-39.70	167.50
248.00	-39.40	164.10
314.00	-38.10	58.70
384.00	-35.80	169.30
450.00	-34.20	162.80

Project: Werneckes **Hole Number:** UT07-11

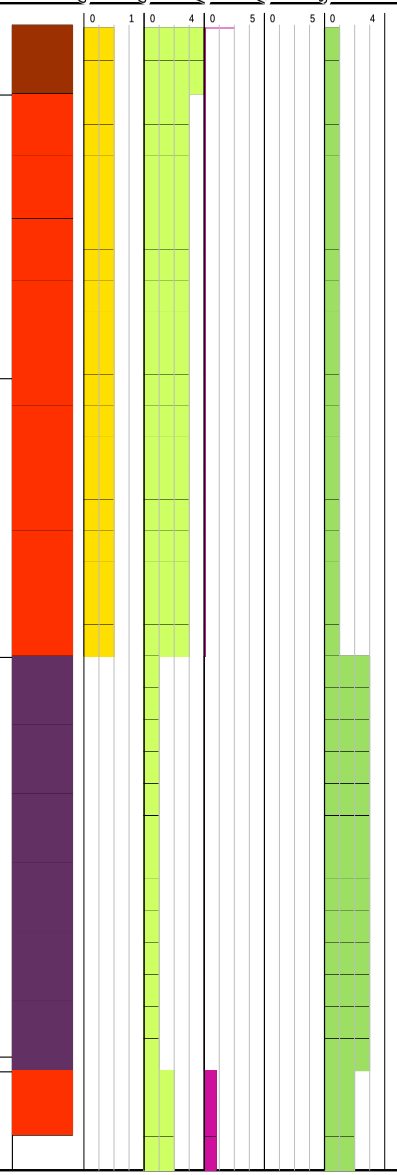
From	To	Rocktype & Description
0.00	5.18	OVBN CASING. No core recovered.
5.18	11.24	OVBN OVERBURDEN. Probably a mix of subcrop and true overburden - 10% soil, 50% rubble, 40% 4-15cm sections of solid rock. The latter vary in appearance, but many look to be magnetite-rich kspar altered siltstone (subcrop?).
11.24	11.74	bht HETEROLITHIC BRECCIA (WERNECKE). Clasts red-brown, black, off-white, minor brownish-yellow; groundmass dark grey-green. High clast content (60%) but matrix-supported. The black shale clasts are angular and cobble- to pebble-sized; the other clasts are subrounded and pebble-sized. Matrix probably composed of fine-grained carbonate (non-reactive to HCl), chlorite, silica. Essentially unaltered. 0.5% fine specular hematite « Specularite 0.50%» . Lower contact abrupt but not measurable.
11.74	17.00	slts SILTSTONE. Dark green, faintly, finely speckled very dark green (chlorite grains). No bedding planes noted. Approximately 50% of the unit is strongly fractured, particularly towards the lower contact. Strong chlorite alteration « Chlorite 4.00*» « Silicification 1.00*» . Roughly 5% irregular black chorite-silica bands locally brecciating unit. These are in turn cut by calcite-qtz-red hematite stringers. « chlorite-silica veining 5%» « 11.74- 17.00 calcite-qtz-hematite veining 2%» 0.5% disseminated chalco, trace pyrite, spec hem. « Chalcopyrite 0.50%» « Pyrite 0.10%» « Specularite 0.10%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
5.18	5.95	0.77	398674	0.010	0.08	370	4.5	5.19
5.95	7.50	1.55	398675	0.018	0.22	457	5.1	4.80
7.50	9.15	1.65	398676	0.007	0.05	98	3.6	3.59
9.15	10.73	1.58	398677	0.068	0.43	541	5.7	18.30
10.73	11.23	0.50	398678	0.012	0.16	238	4.3	3.56
11.23	11.76	0.53	398679	0.005	0.04	7	3.4	2.46
11.76	12.80	1.04	398680	-0.005	0.02	13	3.8	0.59
12.80	13.60	0.80	398681	0.007	0.09	512	2.1	0.96
13.60	14.65	1.05	398682	0.012	0.15	1090	2.7	1.10
15.70	16.20	0.50	398685	0.008	0.08	408	2.3	2.23

Project: Werneckes **Hole Number:** UT07-11

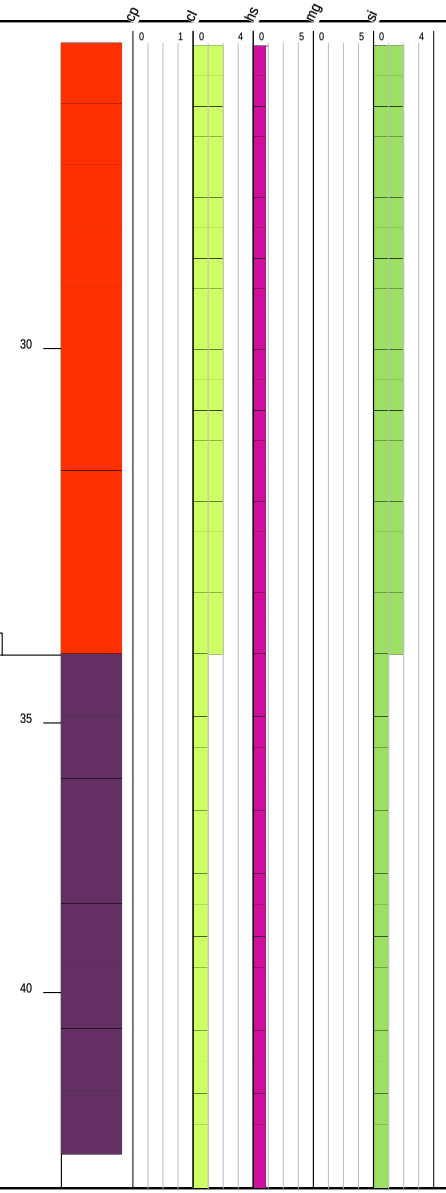
From	To	Rocktype & Description
17.00	22.92	bht
		WERNECKE BRECCIA.
		Distinctive unit with bright red hematitic clasts. Matrix-supported; clast content ~50%; most clasts are red, a few are light grey. Below 19.68m clasts are large, pebble-size, subrounded, discrete. Matrix is dark grey-green, locally speckled white, and is probably composed of abundant chlorite, with medium- to coarse-grained dolomite (? white-ish non-reactive carbonate) and minor cryptocrystalline silica. Minor carbonatized (HCl-reactive) patches occur locally, perhaps part of a later metasomatizing event.
		To 19.00m, the breccia lithology is not obvious - the bright red hematite occurs more as irregular patches. This section is also cut by 5% low-angle qtz-calcite veinlets, and contains « coarse euhedral disseminated Pyrite 3.00%». « 17.00- 19.68 qtz-calcite veining 5%» « veining 25°»
		Over entire unit weak patchy silicification.
		« Silicification 1.00*» « Chlorite 3.00*» « Dolomite 1.00*» « Calcite 1.00*»
		Disseminated chalco « Chalcopyrite 0.50%». « Specularite 0.10%»
22.92	25.07	bhm
		MONOLITHIC BRECCIA.
		Mauve, speckled, off-white; locally brecciated by white-ish matrix material. Very strange unit. Contacts are quite sharp. Possibly a section of siltstone that has been locally brecciated by qtz-carbonate+/-albite vein-type material and also silicified and speckled with medium subhedral dolomite grains. Locally there are islands of mauve silicified rock that are unaffected by the carbonate speckling, but I would not call them clasts. Two small areas where heterolithic breccia (red clasts) can be seen, probably earlier breccia dykes.
		« Silicification 3.00*» « Dolomite 3.00*» « Quartz 1.00*» « Albite 1.00*» « Chlorite 1.00*» « Specularite 0.01%»
		Upper< @ 22.92 contact 45° >, lower < @ 25.07 contact 43° >
25.07	33.72	bht
		WERNECKE BRECCIA.
		Somewhat similar to the breccia described between 17.0 to 22.92m, with bright red-brown and minor grey/pink clasts supported in a chloritic matrix. However,



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
16.20	17.75	1.55	398686	0.014	0.09	605	5.0	7.01
17.75	18.50	0.75	398687	0.007	0.07	210	3.8	3.35
18.50	19.00	0.50	398688	0.055	0.21	2370	5.0	4.01
19.00	19.75	0.75	398689	0.012	0.09	298	4.0	3.45
19.75	20.73	0.98	398690	0.023	0.10	761	4.0	6.06
20.73	21.80	1.07	398691	0.007	0.06	160	3.9	2.60
21.80	22.92	1.12	398692	0.007	0.07	85	3.8	1.77
22.92	23.97	1.05	398693	-0.005	0.05	9	2.1	1.20
23.97	25.07	1.10	398695	-0.005	0.08	10	1.2	2.82
25.07	26.09	1.02	398696	0.006	0.05	34	3.4	3.62
26.09	27.08	0.99	398697	-0.005	0.05	61	2.4	3.21
27.08	27.90	0.82	398698	-0.005	0.04	82	2.4	0.89
27.90	28.88	0.98	398699	-0.005	0.04	25	2.7	1.43

Project: Werneckes **Hole Number:** UT07-11

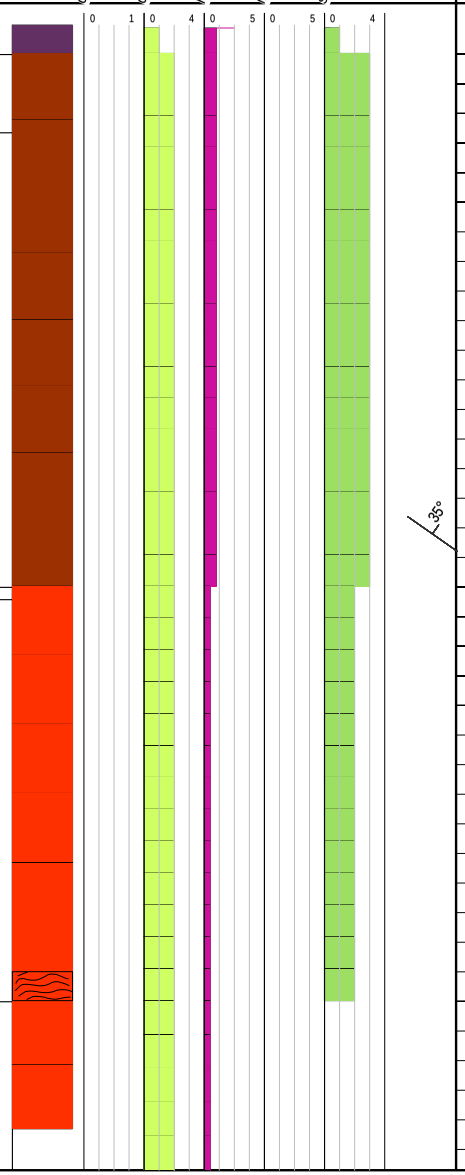
From	To	Rocktype & Description
		in this unit there are also sections with darker red-brown, more angular, monolithic (siltstone?) clasts. The matrix of these sections has greater amounts of carbonate(dolomite?)-quartz(white) than chlorite. This is perhaps due to compositional variations in the brecciating fluids, and/or possibly due to separate events (if so, the carbonate-qtz might be the earlier event, as it looks like an in-situ brecciation, whereas the chloritic breccia appears to have undergone some transportation). ...Or it could also be the opposite, with the interval originally composed of siltstone cut by breccia dykes, and then weakly brecciated by qtz-carbonate vein-like (but highly irregular) material. Am tending to lean toward the latter explanation. The entire unit has also undergone moderate pervasive silicification. « Silicification 2.00*» « Chlorite 2.00*» « Dolomite 2.00*» « Quartz 2.00*» « Hematite 3.00*» Unit contains nil sulphides; « Specularite 1.00%» as coarse blades associated with carbonate-qtz-rich matrix material.
33.72	44.15	bhm
		MONOLITHIC BRECCIA. Dark red-brown (altered siltstone?) clasts weakly brecciated by off-white quartz-carbonate (dolomite?) material comprising roughly 25% of unit. Rare bedding noted. Moderate to strong earthy hematite content present in clasts; matrix material contains medium- to coarse specular hematite. Fine disseminated chlorite also present in clasts. Towards the lower contact (below 42.10m) chlorite is a constituent of the matrix, and the breccia may be heterolithic within this interval; it is almost definitely heterolithic in the bottom 15cm of the unit. Lower contact sharp but irregular. Unit weakly silicified. « Silicification 1.00*» « Dolomite 2.00*» « Quartz 2.00*» « Chlorite 2.00*» « Hematite 2.00*» « Specularite 1.00%» Nil sulphides. < @ 36.97 bedding 45° > < @ 36.94 micro-fault 85° >< @ 38.81 bedding 26° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
28.88	29.87	0.99	398700	-0.005	0.05	7	7.0	0.97
29.87	30.86	0.99	333001	0.010	0.07	4	3.6	34.10
30.86	31.67	0.81	333002	0.006	0.06	2	3.1	0.86
31.67	32.63	0.96	333003	-0.005	0.04	0	2.0	0.96
32.63	33.72	1.09	333004	-0.005	0.17	3	4.5	1.51
33.72	34.78	1.06	333006	-0.005	0.07	2	6.0	0.89
34.78	35.84	1.06	333007	-0.005	0.05	1	4.3	0.27
35.84	36.95	1.11	333008	-0.005	0.03	1	2.4	0.61
36.95	38.15	1.20	333009	0.005	0.03	0	2.5	0.63
38.15	38.81	0.66	333010	-0.005	0.03	0	4.2	0.16
38.81	39.60	0.79	333011	-0.005	0.04	1	3.4	0.86
39.60	40.50	0.90	333012	0.008	0.03	2	2.8	0.17
40.50	41.35	0.85	333013	-0.005	0.02	1	2.4	0.35
41.35	42.42	1.07	333014	-0.005	0.03	2	1.9	0.69
42.42	43.45	1.03	333015	0.006	0.04	5	7.6	1.78
43.45	44.15	0.70	333017	0.005	0.05	3	4.8	0.64

Project: Werneckes **Hole Number:** UT07-11

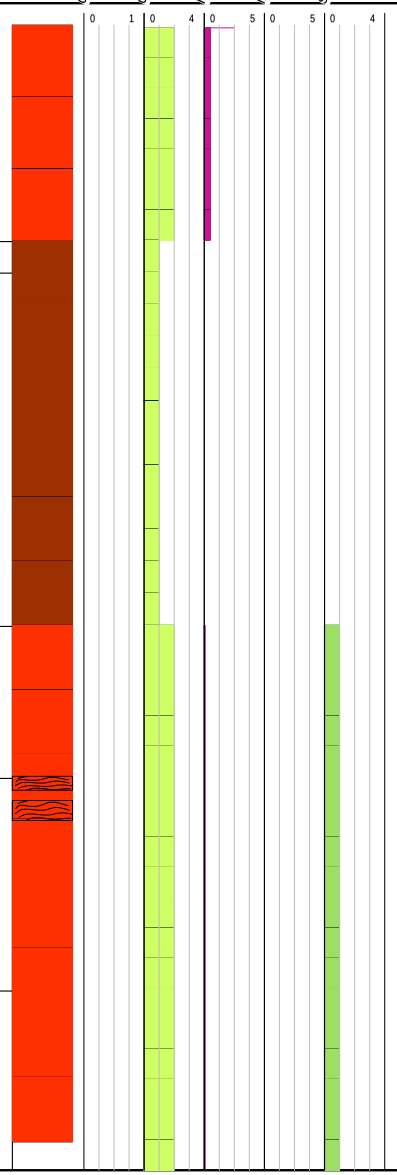
From	To	Rocktype & Description
44.15	49.86	slts
		SILTSTONE(?).
		Dark grey-red-brown becoming more red-brown downhole; lightly speckled white.
		Bedding rare.
		Cut by 7% irregular quartz-dolomite-albite(?)-specular hematite vein material, similar to that occuring in units above.« Qtz-dol-albite(?)-spec hem veining 7.00%» « Specularite 1.00%»
		White speckles are likely medium-grained subhedral to euhedral (rhombohedral) dolomite - possibly calcite that has subsequently altered to dolomite. They may be a fluid-alteration product, related to the vein material, but it is odd that they occur as well-formed disseminated crystals. Finer-grained chlorite also occurs as disseminations, and is present in the vein material towards the lower contact.
		Unit is strongly pervasively silicified and hematized. « Silicification 3.00*» « Hematite 3.00*» « Chlorite 2.00*» « Dolomite 2.00*» « Albite 1.00*»
		Nil sulphides.
		< @ 49.25 probable bedding 35° >
49.86	54.17	bht
		WERNECKE BRECCIA.
		Chaotic appearance, mottled bright red-brown, red-brown (clasts), white/off-white, dark green (matrix). Generally discrete, possibly heterolithic clasts supported by a carbonate-albite-chlorite+/-qtz matrix.
		Upper contact broken, < @ 54.17 lower contact 60° >.
		Entire unit is moderately pervasively silicified.
		« Silicification 2.00*» « Quartz 2.00*» « Dolomite 2.00*» « Albite 2.00*» « Chlorite 2.00*» « Hematite 2.00*»
		« Specularite 0.50%» associated with matrix material.
		Nil sulphides.
		Lower 30cm appears to be a section of hematized bedded siltstone, only weakly brecciated.
		« 53.87- 54.17 slts »
54.17	54.87	bht
		HETEROLITHIC BRECCIA.
		Wernecke breccia, with a mix of red hematized subrounded clasts and larger (predominantly cobble-size) black Quartet shale clasts (their first appearance in this hole). Breccia is clast-supported.
		< @ 54.87 Lower contact 30° >

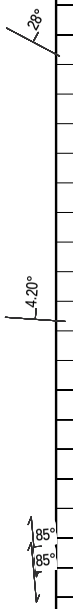


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
44.15	45.11	0.96	333018	0.006	0.04	0	3.9	0.20
45.11	46.08	0.97	333019	-0.005	0.03	2	3.6	0.17
46.08	47.30	1.22	333020	-0.005	0.03	1	2.5	0.17
47.30	48.16	0.86	333021	-0.005	0.02	1	1.4	0.21
48.16	48.85	0.69	333022	-0.005	0.02	0	1.8	0.17
48.85	49.86	1.01	333023	-0.005	0.02	1	1.2	0.20
49.86	50.90	1.04	333024	0.005	0.10	3	2.5	0.81
50.90	51.75	0.85	333025	0.008	0.10	4	2.3	0.55
51.75	52.85	1.10	333026	-0.005	0.07	7	1.9	0.51
52.85	53.80	0.95	333028	0.022	0.11	15	3.9	251.00
53.80	54.17	0.37	333029	-0.005	0.04	4	4.0	2.70
54.17	54.87	0.70	333030	0.009	0.04	17	4.6	2.40

Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
		Matrix composed of chlorite-qtz-carbonate-albite(?). Does not appear to have been subjected to significant later metasomatism. « Chlorite 2.00*» « Quartz 1.00*» « Dolomite 1.00*» « Albite 1.00*» « Hematite 3.00*» « Specularite 0.50%», in matrix
54.87	56.40	slts
		SILTSTONE(?). Dark red-brown, speckled white, a few possible bedding planes noted. Probably a siltstone that has been pervasively hematized, and also dolomitized in the form of subhedral medium-grained disseminations. « Hematite 4*» « Dolomite 3*» « Chlorite 1.00*» < @ 56.10m bedding 42° >< @ 55.00m bedding 28.00° > < @ 54.87m upper contact 30.00° >; lower contact indistinct. Minor irregular white albite(?) vein material/sweats. « Albite 1.00*» Nil sulphides.
56.40	73.10	bht
		HETEROLITHIC BRECCIA. Similar to breccia between 54.17m and 54.87m. A wide unit. Very beautiful breccia, with a mix of red hematized (siltstone?) clasts and black shale clasts. Clast-supported. Weak pervasive silicification. « Silicification 1.00*» « Chlorite 2.00*» « Quartz 1.00*» « Albite 1.00*» « Dolomite 1.00*» « Hematite 3.00*» Minor jarosite along fracture surfaces. « Jarosite 1.00*». Rare carbonate dissolution cavities. Overall « Pyrite 0.05%» « Specularite 0.05%» disseminated throughout matrix. Shale clasts are weakly graphitic and have shiny foliation-parallel fracture surfaces. From « 59.95- 60.28 shl bk » « 60.52- 60.99 shl bk ». These may be in-situ as they are both oriented similarly. < @ 60.10 bedding= foliation 85° > < @ 60.70 bedding foliation 85° > < @ 60.52 contact 85° > < @ 72.54 contact 82° >. The other shale-breccia contacts are irregular.

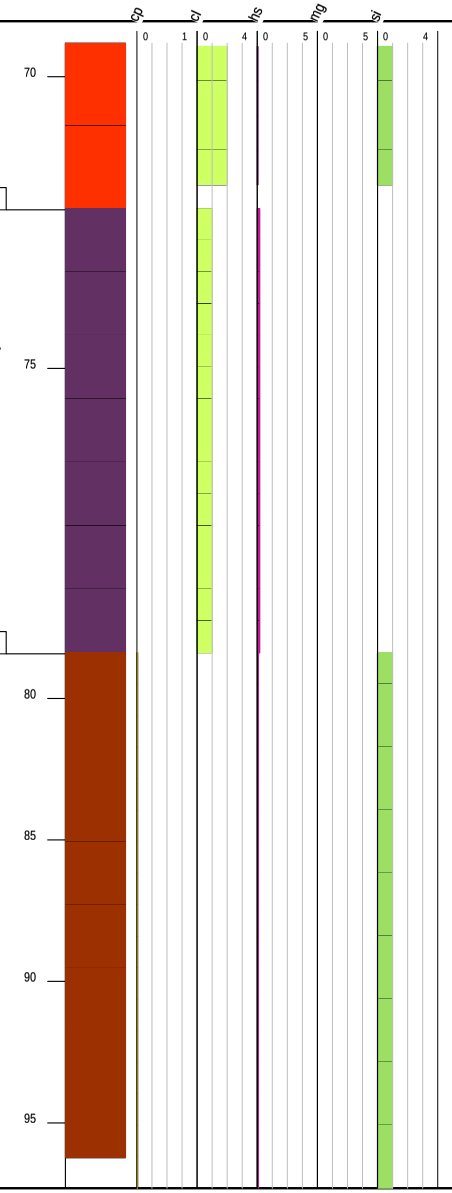




From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
54.87	55.60	0.73	333031	-0.005	0.03	3	2.8	0.67
55.60	56.40	0.80	333032	-0.005	0.03	10	2.7	0.78
56.40	57.30	0.90	333033	0.054	0.06	21	9.7	3.37
57.30	58.35	1.05	333034	0.012	0.06	29	7.8	2.54
58.35	59.32	0.97	333035	0.016	0.06	17	5.3	4.27
59.32	60.00	0.68	333036	-0.005	0.05	15	3.4	1.39
60.00	60.99	0.99	333037	0.010	0.12	39	5.7	9.33
60.99	62.03	1.04	333039	0.006	0.07	21	5.4	4.11
62.03	63.05	1.02	333040	0.007	0.06	19	5.6	6.79
63.05	64.40	1.35	333041	0.006	0.07	44	4.3	4.82
64.40	65.70	1.30	333042	-0.005	0.13	85	8.8	7.80
65.70	66.45	0.75	333043	0.005	0.07	79	7.3	8.63
66.45	67.50	1.05	333044	0.005	0.06	29	3.8	4.19
67.50	68.66	1.16	333045	0.012	0.09	61	4.8	4.25
68.66	69.76	1.10	333046	0.009	0.11	87	7.9	7.34
69.76	70.90	1.14	333047	0.008	0.11	51	4.5	4.53
70.90	71.95	1.05	333048	0.007	0.08	37	5.6	4.74
71.95	72.54	0.59	333050	0.014	0.09	297	6.7	2.83
72.54	73.10	0.56	333051	0.006	0.02	8	2.5	0.69

Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
		Lower contact of unit is gradational, and sheared over 0.5m. No shale clasts are visible here, presumably, with shale's ductility, they have been incorporated into the shear. « 72.54- 73.10 shear 52°»
73.10	78.38	bhm MONOLITHIC (SILTSTONE) BRECCIA. Medium grey, with pale pinkish-brown-grey patches/clasts. A siltstone weakly brecciated at its contact with heterolithic Wernecke Breccia. Both upper and lower contacts are gradational. Pinkish-brown-grey clasts may originally have been siltstone beds of a slightly different composition; they appear to be slightly coarser-grained than the other grey-only clasts. Breccia is clast-supported. Matrix (15% of unit) consists of chlorite, carbonate (dolomite?), possible albite+/-quartz, minor spec hem. Small sweats of probable partially-hematized albite occur throughout the unit. « Hematite 1.00*» « Albite 2.00*» « Chlorite 1.00*» « Dolomite 1.00*» « Specularite 0.20%»
78.38	111.85	slts SILTSTONE. Medium grey; a few cm-scale beds that have a weak pink tinge. The latter are slightly coarser than the rest of the siltstone and may have been preferentially weakly hematized. Very weak pervasive silicification; strong pervasive (calcite) carbonatization to 97.45m. Minor « qtz-calcite>specular hematite veining 1.0%», with trace chalcopyrite. Minor albite(?) sweats/irregular vein material. The former predominate in the upper half of the unit, the latter in the lower half. Trace disseminated pyrite. « Silicification 1.00*» « 78.38- 97.45 Calcite 3.00*» « Albite 1.00*» « Specularite 0.10%» « Chalcopyrite 0.01%» « Pyrite 0.01%» « 97.45- 111.85 Calcite 1*» < @ 84.83 bedding 53.00° >< @ 88.00 bedding 45.00° > < @ 88.80 bedding 42.00° > < @ 93.92 bedding 43° > < @ 98.30 bedding 40° > < @ 102.20 bedding 50° > Some of the pinkish beds look to be fining downhole - unit overturned? Other

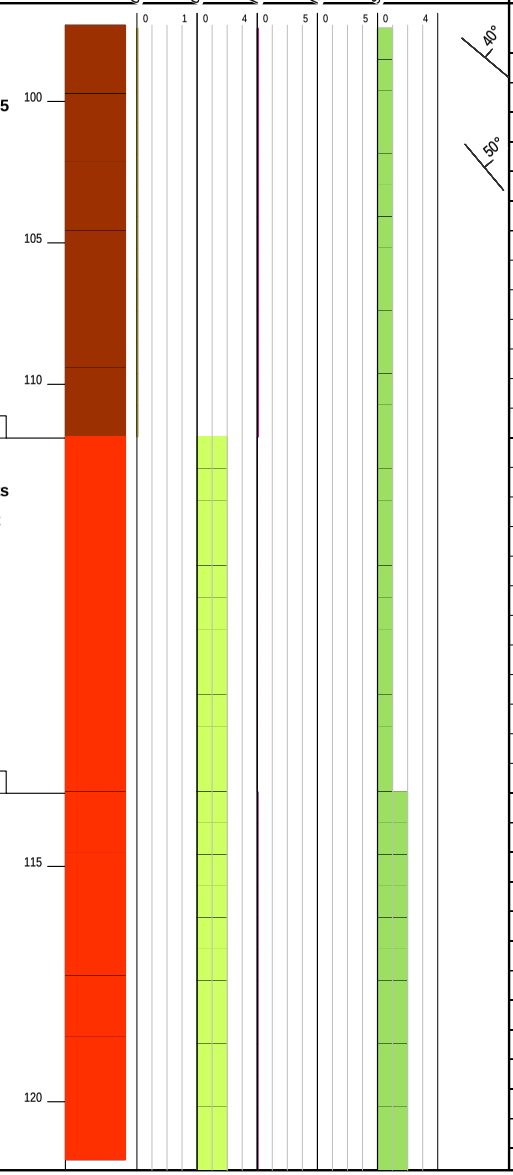


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
73.10	74.02	0.92	333052	-0.005	0.06	5	3.5	1.45
74.02	75.09	1.07	333053	-0.005	0.03	2	2.8	1.29
75.09	76.02	0.93	333054	0.005	0.07	2	3.3	1.44
76.02	77.03	1.01	333055	0.006	0.03	2	3.6	1.29
77.03	78.38	1.35	333056	0.006	0.03	1	4.0	1.27
78.38	79.59	1.21	333057	-0.005	0.01	2	3.4	1.26
79.59	80.56	0.97	333058	-0.005	0.02	1	3.2	1.25
80.56	81.97	1.41	333059	0.005	0.04	2	3.9	1.47
81.97	83.06	1.09	333061	0.006	0.17	1	3.1	2.20
83.06	84.40	1.34	333062	-0.005	0.03	1	3.5	1.51
84.40	85.66	1.26	333063	0.006	0.03	1	4.6	1.74
85.66	86.87	1.21	333064	-0.005	0.02	2	4.3	1.81
86.87	88.15	1.28	333065	0.005	0.01	2	4.5	1.91
88.15	89.45	1.30	333066	-0.005	0.05	2	6.6	1.90
89.45	90.63	1.18	333067	-0.005	0.05	2	6.9	2.04
90.63	92.03	1.40	333068	-0.005	0.04	2	4.3	1.33
92.03	93.45	1.42	333069	-0.005	0.17	2	6.1	1.53
93.45	94.85	1.40	333070	0.005	0.03	27	3.3	1.79
94.85	96.32	1.47	333072	-0.005	0.03	10	3.0	1.82
96.32	97.45	1.13	333073	0.010	0.06	10	3.9	8.06
97.45	98.80	1.35	333074	0.007	0.12	6	2.5	1.41
98.80	100.20	1.40	333075	-0.005	0.07	6	2.5	1.23
100.20	101.60	1.40	333076	-0.005	0.03	4	3.0	1.06
101.60	103.02	1.42	333077	-0.005	0.03	5	3.5	1.37

53°
45°
42°
43°

Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
		beds have been disrupted by (late) deformation.
		Lower contact a fault (fault gouge over 4cm, core broken over 0.8m). < @ 111.85 fault >
111.85	113.42	bht
		HETEROLITHIC WERNECKE BRECCIA. Clasts red-brown>black, matrix dark green>white. Clast-supported (75%), clasts subangular, pebble-size (black Quartet shale clasts are angular; and thus most likely less distal). Matrix is composed of chlorite, with lesser amounts of silica, carbonate (dolomite?), albite. Minor spec hem is present in the matrix. « Chlorite 2.00*» « Silicification 1.00*» « Dolomite 1.00*» « Albite 1.00*» « Specularite 0.01%» Strong hematite component (80% of clasts are hematite stained). « Hematite 3.00*» Lower contact is sharp but irregular.
113.42	131.66	bht
		WERNECKE BRECCIA. Mottled red-brown>grey/dark-green/white. Quite distinct from breccia unit above in that clasts are less discrete; it looks to be mostly an in-situ hematized siltstone that has been brecciated by a mobile heterolithic Wernecke Breccia similar to the oveerlying unit - i.e. the matrix of this unit contains transported clasts, or in other words a siltsone unit has been brecciated by a multitude of breccia dykes - ranging in width from stringers to 25cm. Matrix material is chlorite, silica, dolomite, probable albite, minor specular hematite; below 125.07m only minor chlorite is present. Overall matrix content is estimated at 25%. Clast material, which is irregular in shape and often difficult to discern, is moderately to very strongly hematized (including

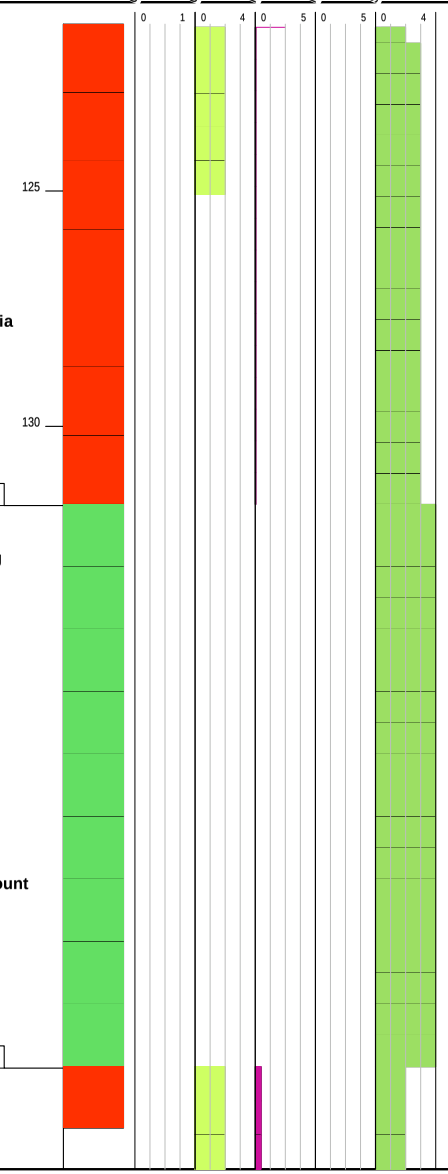


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
103.02	104.42	1.40	333078	0.006	0.02	2	3.2	1.62
104.42	105.87	1.45	333079	0.005	0.04	2	3.7	1.68
105.87	107.20	1.33	333080	-0.005	0.03	1	3.5	1.37
107.20	108.65	1.45	333081	-0.005	0.04	1	3.0	1.46
108.65	109.96	1.31	333083	0.005	0.04	1	2.7	1.35
109.96	110.80	0.84	333084	-0.005	0.05	2	2.9	0.98
110.80	111.85	1.05	333085	0.011	0.31	40	3.1	1.63
111.85	113.42	1.57	333087	0.008	0.09	6	4.3	3.45
113.42	114.42	1.00	333088	-0.005	0.05	5	4.4	2.27
114.42	115.21	0.79	333089	0.011	0.12	4	5.9	2.15
115.21	116.40	1.19	333090	-0.005	0.08	3	12.3	2.20
116.40	117.16	0.76	333091	-0.005	0.05	2	6.3	3.47
117.16	118.26	1.10	333092	0.006	0.07	1	7.4	9.26
118.26	119.30	1.04	333094	-0.005	0.21	4	16.0	11.25
119.30	120.08	0.78	333095	-0.005	0.12	2	13.2	1.02
120.08	121.11	1.03	333097	-0.005	0.08	2	12.6	1.74
121.11	121.86	0.75	333098	-0.005	0.04	2	9.7	3.49
121.86	122.49	0.63	333099	0.006	0.09	3	39.5	11.15
122.49	123.35	0.86	333100	-0.005	0.14	6	44.9	28.20
123.35	124.22	0.87	333101	-0.005	0.04	5	23.4	0.57
124.22	125.07	0.85	333102	0.016	0.29	4	32.1	4.53

Project: Werneckes

Hole Number: UT07-11

From	To	Rocktype & Description
		clasts of matrix). To 121.86m in addition to matrix silica, interval is weakly pervasively silicified; below this it is strongly silicified. « 113.42- 121.86 Silicification 2*» « 113.42- 125.07 Chlorite 2*» « 113.42- 121.86 Hematite 3*» « 121.86- 125.07 Hematite 4*» « 125.07- 130.70 Hematite 3*» « 113.42- 131.66 Albite 1*» « 121.86- 131.66 Silicification 3*» « 113.42- 131.66 Specularite 0.5%» Unit contains minor pyrite, most abundant between « 121.11- 125.07 Pyrite 1.00%». « 113.42- 121.11 Pyrite 0.50%» « 125.07- 131.66 Pyrite 0.03%». Pyrite typically occurs in coarse blobs. From « 130.70- 131.66 coarse disseminated Dolomite 3*» « Hematite 4*», breccia texture only locally visible.
131.66	132.57	mts
		METASOMATISED SEDIMENTS. Pink-tan coloured with red patchy hematitic overprint. Contacts sharp; bedding on a 5mm scale visible locally. Protolith probably siltstone, possibly dolomite. Intensely silicified. Probable weak pervasive kspar alteration. « Silicification 4.00*» « K-feldspar 1.00*» Contains irregular « qtz-dolomite veining 4.00%» as hairline stringers to wisps to blebby discontinuous vein material. Possible minor albite also as vein material. « Pyrite 1.00%» as coarse clots. Fine brannerite grains with red burn halos lightly disseminated throughout unit, and also occurring along some vein material selvages « Beryl 0.05%» (photographed). At 132.2m scintillometer reads an avg. of 135cps (maximum count was 152). Point spot only (a higher concentration of grains here); elsewhere over unit just slightly above background. < @ 131.66 Upper contact 50 >< @ 132.57 lower contact 50° > < @ 132.20 bedding 90° >< @ 132.35 bedding 80° >
132.57	152.60	bht
		WERNECKE BRECCIA. Chaotic looking, mottled various shades of red-brown, as well as dark green, off-white. Heterolithic - most clasts reddish (hematized siltstone?), but a few

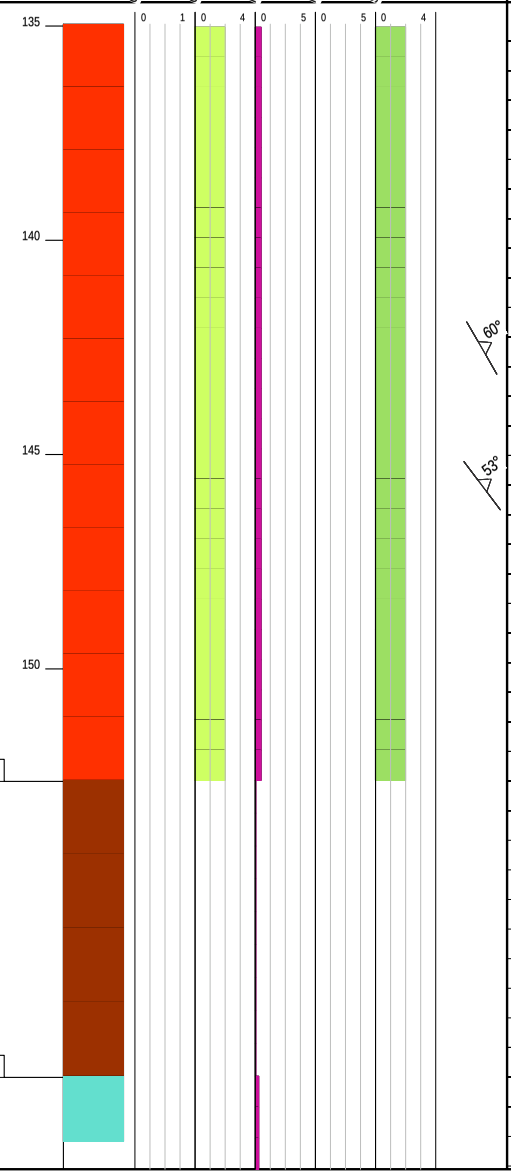


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
125.07	125.86	0.79	333103	-0.005	0.04	2	12.5	0.92
125.86	126.67	0.81	333104	-0.005	0.03	1	7.4	1.10
126.67	127.41	0.74	333105	0.006	0.03	1	6.2	0.86
127.41	128.18	0.77	333106	-0.005	0.03	1	4.3	0.98
128.18	128.90	0.72	333107	-0.005	0.04	1	4.4	0.34
128.90	129.88	0.98	333108	-0.005	0.02	1	4.8	0.46
129.88	130.70	0.82	333109	-0.005	0.04	2	7.1	0.44
130.70	131.25	0.55	333111	-0.005	0.07	7	2.7	2.84
131.25	131.68	0.43	333112	-0.005	0.02	2	2.7	0.78
131.68	132.13	0.45	333113	-0.005	0.03	11	32.4	2.05
132.13	132.57	0.44	333114	0.038	0.03	11	15.1	1.60
132.57	133.15	0.58	333116	0.005	0.04	1	4.7	1.76
133.15	133.74	0.59	333117	-0.005	0.02	1	2.8	6.69
133.74	134.35	0.61	333118	-0.005	0.02	1	3.8	1.71
134.35	135.00	0.65	333119	-0.005	0.04	3	4.3	1.10

Project: Werneckes

Hole Number: UT07-11

From	To	Rocktype & Description
		black shale and tan or grey chert clasts also present. Clasts are poorly sorted, ranging from large cobbles to small pebbles and are predominantly subangular. Matrix is chlorite, silica, carbonate > specular hematite; matrix constitutes approximately 30% of unit. Weak pervasive silicification. Overall moderate earthy hematite staining. « Silicification 2.00*» « Chlorite 2.00*» « Dolomite 2.00*» « Hematite 2.00*» « Specularite 0.50%» Minor pyrite, fine-grained in matrix, also as disseminated coarse clots. « Pyrite 0.50%». From « 150.80- 151.15 fine-grained Pyrite 3%». A couple of white albite-qtz veins within unit.< @ 142.45 white albite grey qtz veining 60.00° > < @ 145.65 15 cm albite-qtz vein 53.00° >
152.60	154.42	slts
		SILTSTONE. Grey, uniform, bedding planes not observed. Upper contact very sharp at < @ 152.60 contact 40.00° >, lower contact indistinct. Minor irregular « 152.60- 154.42 qtz-dolomite(?) veining 1%» with minor spec hem « Specularite 0.5%» (overall). Locally disrupted. Minor hematite-stained patches/clasts/disrupted beds. « Hematite 1.00*». Otherwise little alteration in unit. « Pyrite 0.01%»
154.42	156.15	dol
		DOLOMITE Light tan-grey-green with pale to dark red-brown patches/sections, some of which are bedding conformable - locally colour-banding.

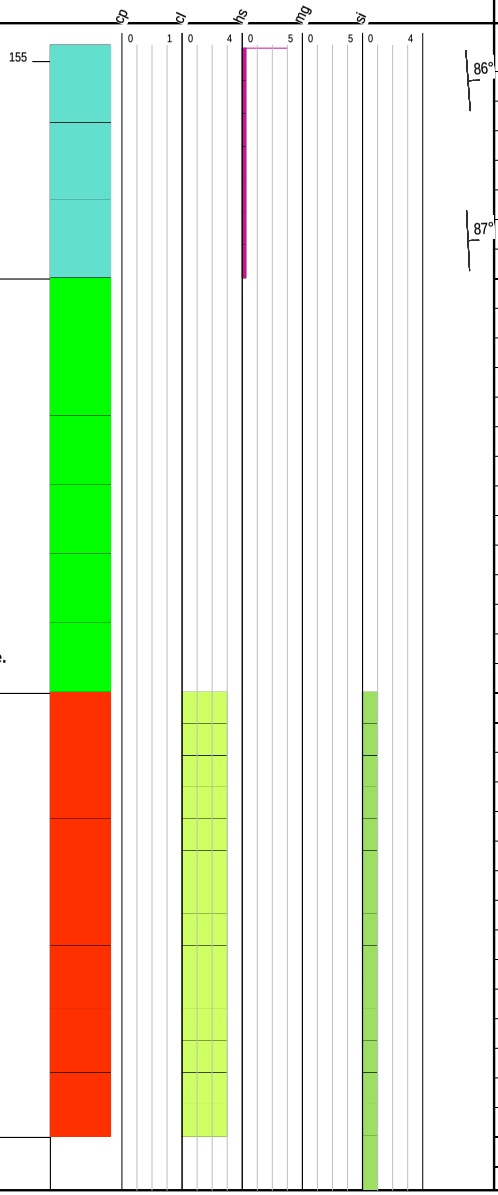


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
135.00	135.60	0.60	333120	0.008	0.08	2	5.5	4.46
135.60	136.32	0.72	333121	0.005	0.04	6	5.3	3.09
136.32	137.00	0.68	333122	0.007	0.12	2	6.0	1.86
137.00	137.70	0.70	333123	-0.005	0.02	1	3.2	1.10
137.70	138.60	0.90	333124	-0.005	0.03	2	3.8	0.98
138.60	139.21	0.61	333125	-0.005	0.02	4	5.0	3.66
139.21	139.88	0.67	333127	0.005	0.03	4	4.1	1.52
139.88	140.50	0.62	333128	-0.005	0.03	4	4.0	1.08
140.50	141.20	0.70	333129	-0.005	0.05	3	5.1	3.14
141.20	142.07	0.87	333130	0.020	0.09	3	5.7	6.66
142.07	142.65	0.58	333131	-0.005	0.06	1	3.7	2.96
142.65	143.41	0.76	333132	-0.005	0.07	2	4.2	1.32
143.41	144.14	0.73	333133	-0.005	0.06	1	3.8	0.62
144.14	144.83	0.69	333134	0.005	0.06	1	4.8	1.61
144.83	145.70	0.87	333135	-0.005	0.09	3	4.9	0.72
145.70	146.30	0.60	333136	-0.005	0.05	2	4.5	1.26
146.30	147.30	1.00	333138	-0.005	0.07	2	4.6	4.61
147.30	148.21	0.91	333139	0.013	0.08	2	6.4	14.35
148.21	148.90	0.69	333140	-0.005	0.06	2	4.0	3.32
148.90	149.67	0.77	333141	-0.005	0.06	2	4.2	9.23
149.67	150.27	0.60	333142	0.007	0.10	2	5.4	16.20
150.27	150.80	0.53	333143	0.013	0.17	7	6.6	7.53
150.80	151.15	0.35	333144	0.013	0.18	8	8.6	10.60
151.15	151.98	0.83	333145	-0.005	0.07	5	3.1	1.84
151.98	152.60	0.62	333146	0.005	0.09	5	5.2	5.02
152.60	153.21	0.61	333147	-0.005	0.06	2	4.9	3.41
153.21	153.97	0.76	333149	-0.005	0.06	2	5.0	2.04
153.97	154.72	0.75	333150	-0.005	0.09	2	6.0	1.69
154.72	155.40	0.68	333151	0.005	0.05	2	5.1	5.21
155.40	156.15	0.75	333152	-0.005	0.01	2	5.7	6.75

Project: Werneckes

Hole Number: UT07-11

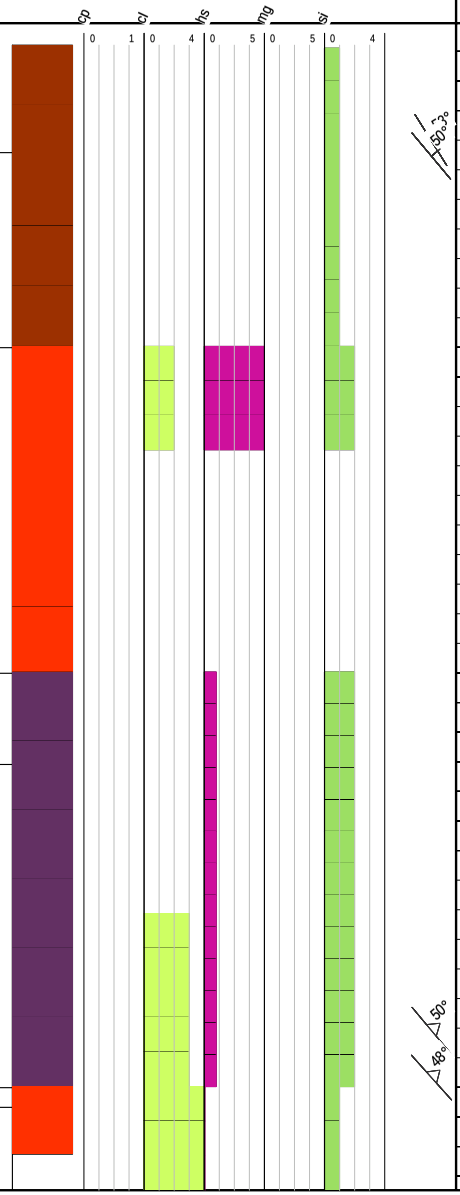
From	To	Rocktype & Description
		Weak pervasive sericitization may be lending green hue to rock - locally wispy sericite can be noted. Not silicified, easily scratched. Cut by irregular « qtz-carb-chlor-spec hem veining 5%», stringers and veinlets. « Specularite 0.30%» Bedding is ~perpendicular tca. < @ 155.10 bedding 86.00° > < @ 155.95 bedding 87° >. Some late micro-faulting with beds and veinlets offset/truncated.
156.15	156.40	di
		DIABASE DYKE? Very dark green, fine-grained, faint salt-and-pepper appearance. Contacts sharp; post-dates both sediments above and Wernecke Breccia below. Chlorite-rich; minor earthy specks/tiny patches (remnants of absorbed wallrock inclusions?). Upper < @ 156.15 contact 42° >; lower < @ 156.40 contact 80° >. « Pyrite 3.00%», fine- to medium-grained, disseminated. This could conceivably be an intensely chloritized siltstone (with chlorite derived from matrix of adjacent breccia), but if so one would not necessarily expect such a sharp (and unconformable) contact between it and the dolomite above, which is not chloritized at all. Nor does this unit display any bedding. Nor are there any clasts of this unit in the breccia, although another probable dyke can be seen in the Wernecke Breccia, approximately 0.8m further downhole.
156.40	157.92	bht
		WERNECKE BRECCIA. Nice-looking breccia with predominantly reddish clasts and a dark green matrix. Clasts are very discrete, angular, and make up 65% of unit; rare clasts are slightly coarser-grained, some are light grey, one is possibly a hematized diorite. One quartz fragment also noted Matrix is mostly chlorite, with minor discrete silica-carbonate. Similar to diabase above, it contains significant medium-grained pyrite. Overall, « Pyrite 2.00%». Could it be that the above diabase is merely breccia matrix material with no clasts in it?? Clasts are weakly silicified, moderately hematized. « Silicification 1.00*» « Chlorite 3.00*» « Hematite 2.00» Lower contact is a fault.
157.92	162.50	slts
		SILTSTONE.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
156.15	156.40	0.25	333153	0.017	0.05	3	2.7	0.83
156.40	157.00	0.60	333154	-0.005	0.04	2	4.6	28.10
157.00	157.92	0.92	333155	-0.005	0.06	4	4.4	3.83
157.92	158.66	0.74	333156	-0.005	0.12	4	4.8	4.08
158.66	159.70	1.04	333157	-0.005	0.03	2	3.6	1.56

Project: Werneckes **Hole Number:** UT07-11

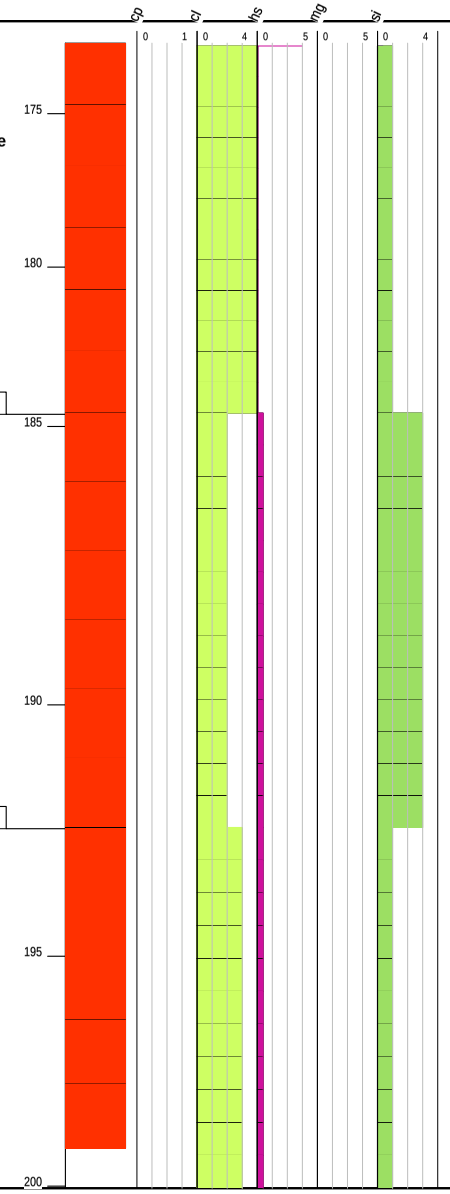
From	To	Rocktype & Description
		Bedded on a 1cm scale, although locally disrupted. Throughout unit shades of various dull colours - medium grey, dark grey, pale red-brown, tan-grey, generally following bedding.
		Weak patchy silicification. « Silicification 1.00*» « Hematite 1.00*»
		Upper contact a fault, lower contact marked by a vein < @ 162.50 contact 50° >.
		< @ 159.80 bedding 58° >< @ 160.00 bedding 50° >
		« 157.92- 158.05 fault » with gouge
162.50	163.76	bht
		WERNECKE BRECCIA.
		Chaotic looking, heterolithic, mottled colouration - reddish, dark green, dark grey, off-white. Matrix chlorite; patches of qtz-carbonate/albite(?) that might be later irregular vein material.
		« Chlorite 2.00*» « Hematite 2.00*» « Dolomite 2.00*» « Silicification 2.00*»
		« Albite 1.00*»
		Upper contact marked by semi-massive fine spec hem, associated with qtz-carb/albite(?) veins. « 162.50- 162.90 semi-massive Specularite 65%» « 3 x 3cm veining 60°»
		Lower contact gradational over 5cm.
163.76	169.32	bhm
		MONOLITHIC BRECCIA.
		Grey changing to dark green downhole, brecciated by white.
		In-situ sediments, probably siltstone (cut locally by minor heterolithic dykes) that has been brecciated by 25% finely intermixed qtz-carb+/-albite(?)-spec hem
		highly irregular vein material. Hostrock/clasts relatively unaltered. Not much hematite staining.
		« Silicification 2.00*» « Dolomite 2*» « Albite 1.00*» « Specularite 1.00%»
		Lower half of unit quite chloritic. « 167.00- 169.32 Chlorite 3.00*»
		Trace « Pyrite 0.01%» with matrix/vein material.
		< @ 168.52 5cm qtz-albite vein 50.00° > < @ 169.15 8cm vein 48.00° >
		< @ 169.32 20cm probable fault >, broken core, trace gouge.
		Lower contact gradational over 4cm.
169.32	184.76	bht
		WERNECKE BRECCIA.
		Dark green chloritic matrix supporting predominantly reddish subrounded, poorly-sorted clasts. Heterolithic - a few angular light grey cobble-sized



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
159.70	160.47	0.77	333158	0.005	0.04	4	3.4	1.59
160.47	161.35	0.88	333160	0.020	0.07	5	4.1	3.72
161.35	162.50	1.15	333161	0.068	0.15	5	5.3	28.20
162.50	162.90	0.40	333162	0.084	0.18	4	2.0	82.60
162.90	163.76	0.86	333163	-0.005	0.06	3	3.9	6.56
163.76	164.60	0.84	333164	-0.005	0.07	1	5.6	0.96
164.60	165.50	0.90	333165	0.005	0.04	32	4.0	1.60
165.50	166.20	0.70	333166	-0.005	0.10	63	4.0	0.87
166.20	167.16	0.96	333167	0.005	0.12	3	3.0	0.96
167.16	168.25	1.09	333168	0.008	0.05	29	3.0	2.65
168.25	168.88	0.63	333169	-0.005	0.08	7	2.5	1.46
168.88	169.32	0.44	333171	-0.005	0.05	39	2.5	2.92
169.32	170.55	1.23	333172	-0.005	0.08	5	2.9	3.18
170.55	171.47	0.92	333173	-0.005	0.03	6	1.8	1.38
171.47	172.20	0.73	333174	-0.005	0.05	9	2.8	1.30
172.20	173.36	1.16	333175	0.010	0.11	2	3.0	2.16

Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
		dolomite clasts present (with andalusite porphyroblasts), also rare black shale clasts.
		This breccia somewhat unusual in that matrix content is very high - 60%.
		Chlorite>carbonate (dolomite? non-reactive to HCl). Also minor earthy hematite disseminated throughout matrix.
		Unit is weakly pervasively silicified.
		« Chlorite 4.00*» « Silicification 1.00*» « Dolomite 2.00*» « Hematite 2.00*»
		« Specularite 0.05%» « Pyrite 0.01%»
		Minor « qtz-albite(?) veining 0.5%» « veining 55°».
184.76	192.20	bht
		WERNECKE BRECCIA.
		Mottled red-brown, dark purple-red, off-white, with dark green stringers (red hues predominate). Chaotic-looking, clasts generally hard to discern.
		Strongly silicified « Silicification 3.00*» « Hematite 3.00*». Matrix composed of chloritic stringers plus finely intermixed silica+carbonate (dolomite?) and minor spec hem. « Chlorite 2.00*» « Dolomite 2.00*» « Specularite 0.50%».
		Below 188.36m highly irregular « 188.36- 192.20 albite>chlorite veining 5.00%», or sweats with chlorite occurring along selvages. In this part of the unit the overall colour is much darker - wine coloured, possibly a change in the hue of hematite.
		Lower contact very gradational.
		Trace disseminated medium-grained « Pyrite 0.05%».
192.20	200.57	bht
		WERNECKE BRECCIA.
		To 197.5m very mottled dark green, dark purple-brown, clasts difficult to distinguish; below this clasts quite visible, discrete, clearly heterolithic.
		Most of unit is cut by a fault which runs parallel to the core axis, and which has weakly silica-clay-calcite altered wallrock immediately adjacent to it.
		< @ 194.00 mid-pt of mm-wide fault 0° >
		Patchy « Silicification 1.00*» « Clay 1.00*» « Calcite 2.00*» « Chlorite 3.00*» « Hematite 1.00*» « Specularite 0.50%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
173.36	173.93	0.57	333176	0.011	0.33	5	3.9	8.81
173.93	175.07	1.14	333177	0.012	0.15	6	4.2	4.91
175.07	175.87	0.80	333178	0.010	0.16	5	3.0	1.84
175.87	176.36	0.49	333179	-0.005	4580.00	15900	3.8	4.30
176.36	177.24	0.88	333180	-0.005	2.16	8	8.4	0.41
177.24	178.10	0.86	333182	0.012	45.00	132	9.4	0.87
178.10	179.22	1.12	333183	0.008	0.19	6	4.1	1.29
179.22	180.20	0.98	333184	0.006	2.32	9	4.0	1.15
180.20	181.20	1.00	333185	0.048	0.19	7	9.3	2.28
181.20	182.27	1.07	333186	0.006	0.88	7	4.0	1.21
182.27	183.42	1.15	333187	0.021	0.13	3	5.5	1.57
183.42	184.76	1.34	333188	0.005	0.62	3	6.0	1.89
184.76	185.54	0.78	333189	-0.005	0.03	1	6.3	0.25
185.54	186.66	1.12	333190	-0.005	0.19	1	6.2	0.17
186.66	187.81	1.15	333191	-0.005	0.06	0	7.8	0.62
187.81	188.75	0.94	333193	-0.005	0.03	1	10.3	0.28
188.75	189.78	1.03	333194	-0.005	0.08	1	12.1	0.18
189.78	190.68	0.90	333195	-0.005	0.02	1	16.1	0.42
190.68	191.41	0.73	333196	-0.005	0.05	1	18.4	0.49
191.41	192.20	0.79	333197	-0.005	0.03	2	6.2	1.03
192.20	193.30	1.10	333198	-0.005	0.07	2	25.8	0.56
193.30	193.89	0.59	333199	-0.005	0.03	2	27.9	0.69
193.89	194.86	0.97	333200	-0.005	0.03	1	17.9	1.27
194.86	195.34	0.48	333201	0.005	0.03	1	17.2	0.89
195.34	197.51	2.17	333202	0.006	0.04	2	4.2	1.17
197.51	198.67	1.16	333204	-0.005	0.04	2	3.7	1.46
198.67	199.67	1.00	333205	0.009	0.05	3	5.1	2.80
199.67	200.57	0.90	333206	0.007	0.05	3	11.1	7.00

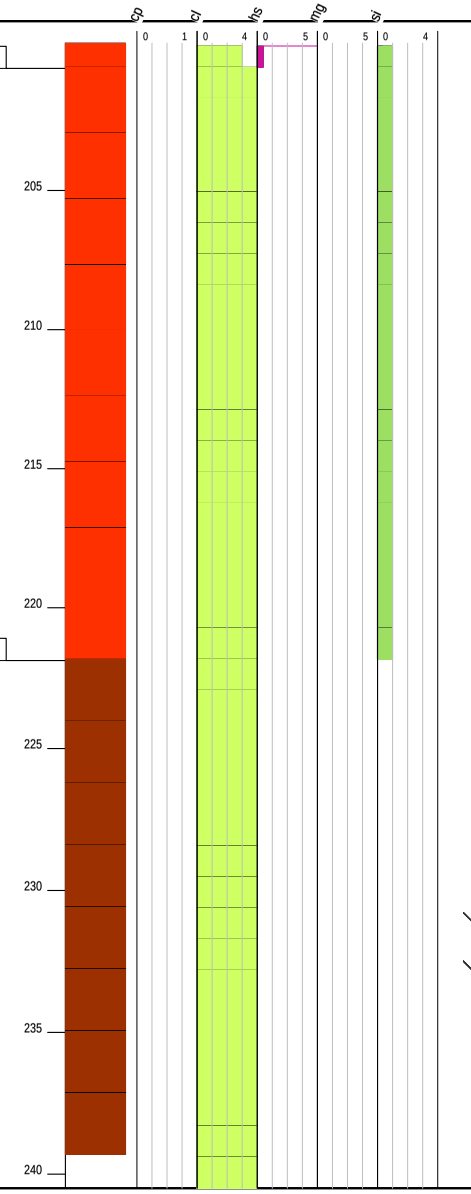
Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
200.57	221.85	bht

WERNECKE BRECCIA.
Chloritized a dark green, matrix plus predominantly dark green clasts - also but some pinkish and tan-grey-green clasts which decrease in abundance downhole, as the unit approaches a wide, similarly chloritized, siltstone unit and the breccia clasts become increasingly derived from this unit. Clasts change from being predominantly subrounded to being subangular downhole. Weak patchy silicification. Possible weak sericite. Very little qtz-carb/ab vein material « veining 0.2%» (irregular).
« Chlorite 4.00*» « Silicification 1.00*» « Dolomite 1.00*» « Sericite 1.00*» « Hematite 1.00*»
Nil spec hem, sulphides.

From	To	Rocktype & Description
221.85	245.85	slts

SILTSTONE.
Dark green, massive,. homogeneous. Locally a faint light-coloured speckling.
Bedding planes rare.
Contacts gradational over 0.5m and 0.2m respectively.
Intensely chloritized. Not silicified. Probable weak dolomitization+/-sericitization and clay alteration. « Chlorite 4.00*» « Sericite 1.00*» « Dolomite 1.00*» « Clay 1.00*»
< @ 233.10 bedding 45.00° > < @ 231.40 bedding 45.00° > < @ 253.90 probable bedding 60.00° >
Rare « qtz veining ».



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
200.57	201.97	1.40	333207	0.005	0.01	1	3.3	0.33
201.97	203.12	1.15	333208	-0.005	0.16	2	4.1	0.45
203.12	204.43	1.31	333209	0.005	0.06	3	4.5	2.30
204.43	205.79	1.36	333210	-0.005	0.03	3	5.7	4.05
205.79	206.99	1.20	333211	-0.005	0.04	3	4.7	1.96
206.99	208.29	1.30	333212	-0.005	0.01	2	6.4	1.16
208.29	209.57	1.28	333213	0.030	0.02	2	9.2	0.41
209.57	211.00	1.43	333215	-0.005	-0.01	1	2.7	0.27
211.00	212.75	1.75	333216	-0.005	-0.01	2	3.0	2.62
212.75	213.96	1.21	333217	-0.005	0.01	2	2.4	0.22
213.96	215.20	1.24	333218	-0.005	0.01	2	2.5	1.03
215.20	216.29	1.09	333219	-0.005	0.01	2	2.8	0.42
216.29	217.97	1.68	333220	-0.005	-0.01	2	8.8	1.00
217.97	218.88	0.91	333221	0.012	-0.01	1	6.0	0.72
218.88	220.25	1.37	333222	0.013	0.01	1	5.9	0.71
220.25	221.89	1.64	333223	-0.005	-0.01	2	6.1	0.42
221.89	223.12	1.23	333224	-0.005	0.01	14	3.5	0.76
223.12	224.27	1.15	333226	-0.005	-0.01	2	4.2	0.24
224.27	225.47	1.20	333227	-0.005	0.01	2	5.6	0.47
225.47	226.96	1.49	333228	-0.005	-0.01	2	3.1	0.20
226.96	228.62	1.66	333229	-0.005	-0.01	1	3.1	0.35
228.62	230.00	1.38	333230	-0.005	-0.01	1	2.4	0.16
230.00	231.72	1.72	333231	-0.005	-0.01	1	4.3	0.30
231.72	232.63	0.91	333232	-0.005	-0.01	1	3.0	0.14
232.63	234.43	1.80	333233	-0.005	-0.01	1	4.5	0.44
234.43	235.77	1.34	333234	-0.005	-0.01	1	3.5	0.20
235.77	237.13	1.36	333235	0.015	0.01	2	2.9	0.28
237.13	238.47	1.34	333237	-0.005	0.01	2	5.0	0.37
238.47	239.82	1.35	333238	-0.005	0.04	6	5.9	0.24
239.82	240.94	1.12	333239	-0.005	0.01	1	4.2	0.20
240.94	242.30	1.36	333240	-0.005	-0.01	0	8.0	0.38
242.30	243.47	1.17	333241	0.011	-0.01	5	6.9	0.18
243.47	245.32	1.85	333242	-0.005	-0.01	0	3.7	0.15
245.32	246.64	1.32	333243	-0.005	0.03	3	3.6	0.88

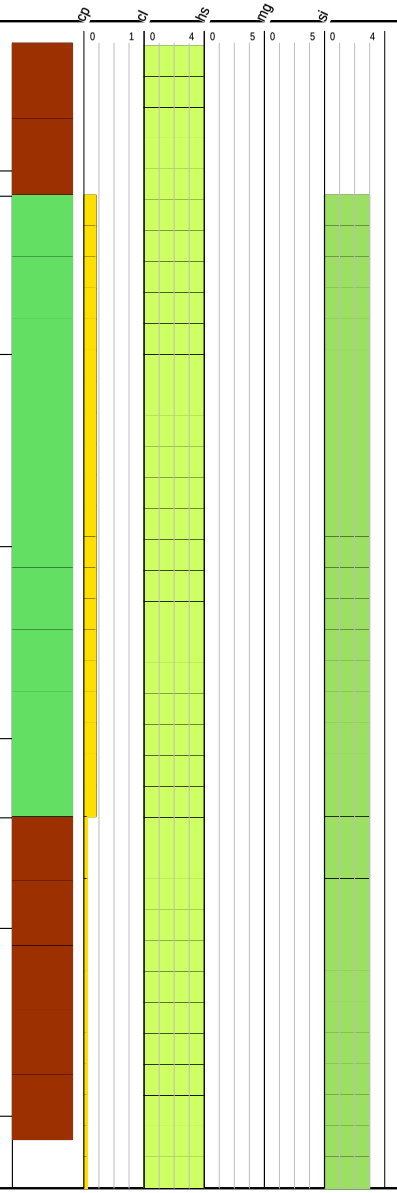
Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
245.85	262.03	mts

METASOMATISED SEDIMENTS.
Mottled dirty pale yellow, grey; semi-translucent appearance. Remnant bedding visible in many parts of the unit. Very distinctive unit.
Intensely albitized, strongly silicified. Albite is generally cryptocrystalline (and yellowish) but locally occurs as clusters of coarse anhedral laths (best example from 258.45m to 258.60m (photographed); this section includes an albite veinlet that has albite laths radiating out at right angles from it). Grey silica occurs in bedding-parallel bands (probably alteration rather than veining). Minor sericite. Rock non-reactive to HCl.
Protolith probably dolomite; minor coarse andalusite (chiastolite?) porphyroblast laths. < @ 257.60 andalusite >
« Albite 4.00*» « Silicification 3.00*» « Sericite 2.00*»
Disseminated fine-grained « Pyrite 1.00%» and « Chalcopyrite 0.20%».
Bedding is at roughly right angles tca. < @ 257.10 bedding 82° > < @ 245.85 bedding 90° > < @ 259.75 bedding 85° > < @ 261.50 bedding 80° >.
No veining except < @ 258.15 white semi-translucent qtz vein 45° >.
From « 255.10- 255.72 fault », fractured core with minor fault gouge.
Contacts gradational.

From	To	Rocktype & Description
262.03	280.93	slts

SILTSTONE.
Light grey, slight bleached look. Locally bedding visible on a cm scale.
Strongly silicified, moderately to strongly albitized. Moderate pervasive alteration (silica+albite?), as well as bands of intense silica, often bedding-parallel, and irregular patches and randomly-oriented veins of albite (plus rare hazy laths). Weak sericitization.
Silica often has a dirty brown tinge, particularly in lower half of unit.
« Silicification 3.00*» « Albite 2.00*» « Sericite 1*»
Disseminated throughout unit and in albite-veining « Pyrite 1.00%» « Chalcopyrite 0.05%». < @ 272.20 6cm qtz with minor py, trace Chalcopyrite vein 50° >

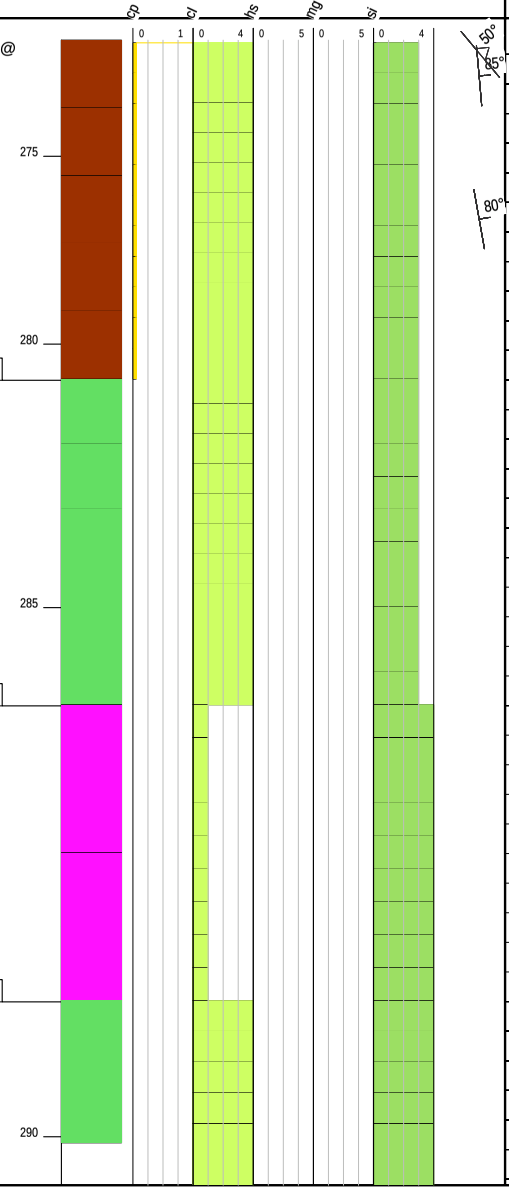


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
246.64	247.99	1.35	333244	-0.005	0.03	2	5.7	0.54
247.99	249.31	1.32	333245	-0.005	0.02	3	4.9	0.99
249.31	250.77	1.46	333246	0.050	0.02	3	7.7	0.80
250.77	252.11	1.34	333248	-0.005	0.03	0	5.5	0.98
252.11	253.38	1.27	333249	-0.005	0.58	11	6.9	1.83
253.38	254.28	0.90	333250	-0.005	0.03	1	7.4	0.72
254.28	254.85	0.57	333251	-0.005	0.03	0	5.2	1.95
254.85	255.80	0.95	333252	-0.005	0.10	0	4.5	2.90
255.80	256.70	0.90	333253	-0.005	0.06	4	2.4	1.75
256.70	257.43	0.73	333254	-0.005	0.06	2	2.1	4.08
257.43	258.47	1.04	333255	-0.005	0.06	1	1.3	1.20
258.47	259.34	0.87	333256	-0.005	0.05	2	2.0	1.45
259.34	260.34	1.00	333257	-0.005	0.08	2	1.5	1.62
260.34	261.51	1.17	333259	-0.005	0.05	2	1.2	1.35
261.51	262.03	0.52	333260	-0.005	0.06	2	1.3	0.77
262.03	262.91	0.88	333261	-0.005	0.12	2	2.0	1.80
262.91	264.08	1.17	333262	-0.005	0.10	1	1.7	0.91
264.08	264.93	0.85	333263	0.007	0.10	2	1.6	2.20
264.93	265.90	0.97	333264	-0.005	0.07	2	1.7	0.49
265.90	267.05	1.15	333265	-0.005	0.09	2	2.3	1.05
267.05	267.79	0.74	333266	-0.005	0.05	2	2.8	0.81
267.79	267.80	0.01	333267	-0.005	0.06	2	2.0	1.82
267.80	268.79	0.99	333268	-0.005	0.05	2	2.2	0.62
268.79	270.66	1.87	333270	-0.005	0.10	2	2.6	1.21
270.66	271.76	1.10	333271	-0.005	0.07	2	2.9	1.29
271.76	272.48	0.72	333272	-0.005	0.05	19	2.4	1.96
272.48	273.32	0.84	333273	-0.005	0.11	1	3.0	2.25
273.32	274.12	0.80	333274	0.005	0.10	3	3.2	2.45

90° 60° 82° 45° 85° 80° 80° 75°

Project: Werneckes **Hole Number:** UT07-11

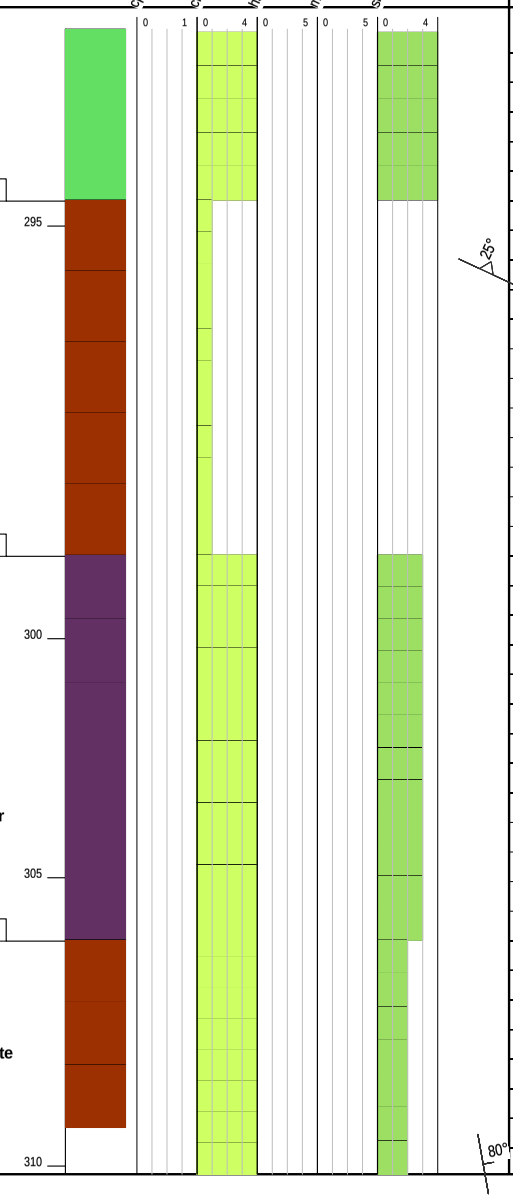
From	To	Rocktype & Description
		< @ 268.30 bedding 75° > < @ 266.70 bedding 80° > < @ 272.85 bedding 85° > < @ 276.65 bedding 80° >.
280.93	286.73	mts
		METASOMATISED SEDIMENTS. Medium grey, yellowish patches, lath-clusters. Similar to above altered siltstone, but albitization stronger, with clusters of subhedral laths (up to 3cm long) occurring locally. Also silicification more uniform, pervasive, and - like albite - slightly more intense. « Silicification 3.00*» « Albite 3.00*» « Sericite 1*» Unit contains « Pyrite 3.00%», fine- to coarse-grained, disseminated, less often in stringers. Also « irregular white qtz+ab veining 5%», similarly pyrite mineralized. From 278.75 to 278.95 driller's rod grease coats core.
286.73	287.06	vn
		QUARTZ VEIN. Off-white, minor pale yellow patches (probably albite). Non-reactive to HCl. Minor fine chlorite. « Silicification 4.00*» « Albite 1.00*» « Chlorite 1.00*» Disseminated « Pyrite 2.00%». < @ 286.73 Upper contact 80° >, < @ 286.73 lower contact 80° >.
287.06	294.74	mts
		METASOMATISED SEDIMENTS. Light grey going to medium dark grey downhole. Mottled appearance locally. Intensely silicified, a mix of pervasive silicification and qtz veining. What little albite there is seems to be associated with probable later veining (with qtz). « Silicification 4.00*» « Albite 1.00*» « Chlorite 1.00*» « Sericite 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
274.12	274.73	0.61	333275	-0.005	0.12	12	2.3	2.19
274.73	275.59	0.86	333279	0.006	0.32	9	3.2	2.64
275.59	276.31	0.72	333281	0.011	0.16	4	2.8	2.81
276.31	276.76	0.45	333282	-0.005	0.03	2	2.8	1.09
276.76	277.65	0.89	333283	-0.005	0.05	2	2.9	0.83
277.65	278.31	0.66	333284	0.005	0.06	2	2.2	4.60
278.31	279.08	0.77	333285	-0.005	0.06	2	2.3	1.05
279.08	279.80	0.72	333286	-0.005	0.05	2	1.9	0.96
279.80	280.38	0.58	333287	0.010	0.15	11	3.6	3.77
280.38	280.90	0.52	333288	-0.005	0.06	4	3.5	1.75
280.90	281.67	0.77	333289	-0.005	0.09	4	2.1	1.18
281.67	282.33	0.66	333290	0.005	0.23	7	2.4	1.79
282.33	283.12	0.79	333292	0.005	0.08	3	2.0	1.51
283.12	283.88	0.76	333293	-0.005	0.07	2	2.3	1.54
283.88	284.70	0.82	333294	-0.005	0.06	3	2.1	1.22
284.70	285.54	0.84	333295	-0.005	0.06	4	2.2	1.24
285.54	286.16	0.62	333296	-0.005	0.14	7	2.7	2.81
286.16	286.73	0.57	333297	-0.005	0.19	8	3.0	4.09
286.73	287.06	0.33	333298	-0.005	0.09	8	2.3	1.22
287.06	287.63	0.57	333299	-0.005	0.15	23	4.2	2.23
287.63	288.35	0.72	333300	0.016	0.34	9	7.0	7.76
288.35	289.06	0.71	333301	0.020	0.39	7	7.3	8.50
289.06	289.92	0.86	333303	0.013	0.28	4	7.7	6.91
289.92	290.21	0.29	333304	-0.005	0.11	2	2.3	1.61
290.21	290.87	0.66	333305	0.006	0.21	142	10.5	6.36
290.87	291.45	0.58	333306	0.013	0.28	26	9.0	5.50

Project: Werneckes **Hole Number:** UT07-11

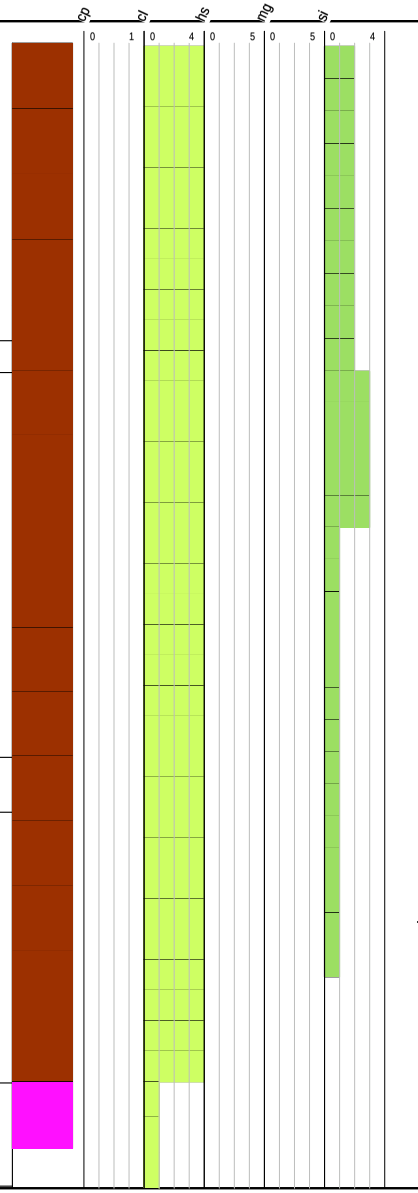
From	To	Rocktype & Description
		To 290.92 core is weakly crackle-brecciated by pyrite, chlorite, sericite. Overall « Pyrite 5.00%», as stringers, clots, disseminations. Between « 289.92- 290.21 white qtz>>ab>>py vein 65°», upper contact irregular.
294.74	298.25	slts
		SILTSTONE. Medium grey, massive, relatively unaltered, very weak calcite carbonatization. « Calcite 1.00*». Minor chloritized medium- to coarse-grained andalusite porphyroblasts. « Chlorite 1.00*» Overall « Pyrite 3.00%» , disseminated and in qtz-sericite veins. « Qtz>>sericite veining 5.00%». Veining is predominantly as veinlets and veins (up to 6cm) at relatively low angles tca (20-40), but some vein material is also irregular. < @ 295.40 vein 25.00° >, ~6cm. Upper < @ 294.74 contact 20° > intense silicification/qtz veining (belonging to unit above).
298.25	306.30	bhm
		MONOLITHIC BRECCIA. Medium grey with 20% darker subangular pebble-sized clasts. Unit is moderately to strongly silicified; matrix is silica plus probable sericite; clasts are strongly silicified. A few clasts have tiny patches of sericite. Brecciation probably in-situ, with matrix material more a replacement than a brittle, vein-type event. Many clasts are irregular in shape. « Silicification 3.00*» « Sericite 2.00*» « Pyrite 3.00%», euhedral, disseminated and in medium to coarse clots. From « 294.74- 298.66 moderate shear 53°», representing upper contact. Lower contact gradational. Minor « white qtz veining 15-20°», with minor pyrite.
306.30	315.50	slts
		SILTSTONE. Medium grey, locally a banded appearance. Bedding locally visible. Locally coarse andalusite laths present/visible. Moderate, patchy silicification; some patches conformable to bedding. Moderate carbonatization (calcite). Weak sericitization. « Silicification 2.00*» « Calcite 2.00*» « Sericite 1.00*» « Pyrite 3.00%» 3% pyrite in coarse anhedral clots, most abundant in lower half of unit.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
291.45	291.99	0.54	333307	-0.005	0.08	4	2.8	1.98
291.99	292.85	0.86	333308	0.005	0.13	10	6.6	4.74
292.85	293.50	0.65	333309	0.007	0.15	9	4.8	4.84
293.50	294.31	0.81	333310	0.013	0.22	14	5.1	5.87
294.31	294.74	0.43	333311	-0.005	0.09	8	4.8	2.29
294.74	295.24	0.50	333312	-0.005	0.20	22	7.4	13.40
295.24	295.61	0.37	333314	-0.005	0.06	7	3.6	2.70
295.61	296.24	0.63	333315	-0.005	0.04	6	4.0	1.69
296.24	297.05	0.81	333316	-0.005	0.04	15	5.3	2.48
297.05	298.25	1.20	333317	-0.005	0.03	7	4.8	2.90
298.25	298.66	0.41	333318	0.021	0.89	29	12.1	18.90
298.66	299.80	1.14	333319	0.007	0.30	13	6.7	11.40
299.80	300.83	1.03	333320	0.008	0.27	54	5.2	12.30
300.83	301.74	0.91	333321	-0.005	0.15	12	7.1	5.24
301.74	302.61	0.87	333322	-0.005	0.12	15	9.7	7.74
302.61	303.59	0.98	333323	0.009	0.22	15	10.5	15.50
303.59	304.54	0.95	333325	-0.005	0.14	11	10.3	11.20
304.54	305.41	0.87	333326	0.008	0.22	13	7.3	10.10
305.41	306.30	0.89	333327	-0.005	0.14	17	4.3	5.85
306.30	307.23	0.93	333329	-0.005	0.07	6	3.8	2.53
307.23	307.97	0.74	333330	-0.005	0.03	8	3.0	1.14
307.97	308.73	0.76	333331	-0.005	0.04	8	4.1	1.75
308.73	309.43	0.70	333332	-0.005	0.05	10	4.1	1.39
309.43	310.28	0.85	333333	-0.005	0.09	30	4.5	2.58
310.28	310.96	0.68	333334	-0.005	0.03	18	2.5	1.24
310.96	311.76	0.80	333335	-0.005	0.05	11	1.9	1.71
311.76	312.48	0.72	333336	-0.005	0.05	6	1.3	1.88

Project: Werneckes **Hole Number:** UT07-11

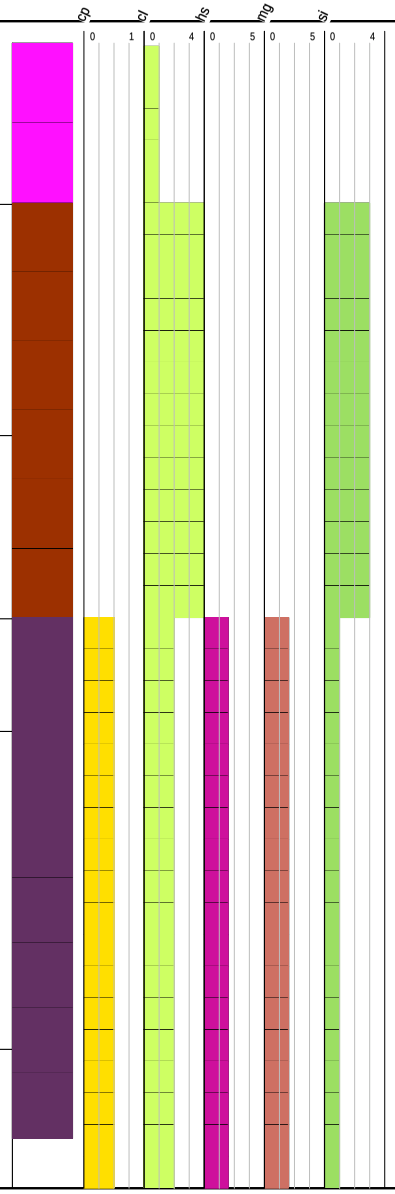
From	To	Rocktype	& Description
			Minor irregular « white quartz veining 1%», unmineralized.
			Contacts gradational.
			< @ 313.00 bedding 72° >< @ 310.40 bedding 80° > < @ 309.95 bedding 80° >
315.50	319.08	slts	
			SILTSTONE.
			Various shades of grey, mostly weakly sheared.
			Locally undeformed; in these sections andalusite porphyroblasts can be seen as well as weakly-expressed bedding.
			Strongly silicified, weakly sericitized. « Silicification 3.00*» « Sericite 1.00*»
			Disseminated medium anhedral « Pyrite 2.00%».
			< @ 317.30 bedding 80° >
			« 316.35- 316.95 shear 65°»
			« 317.70- 316.95 shear 70°»
			Minor « qtz>>albite veining 1%», parallels shearing.
319.08	324.42	slts	
			SILTSTONE.
			Medium grey grading to dark grey downhole, with 7% coarse chiastolite porphyroblasts. Little alteration.
			« 322.70- 324.42 Silicification 1*»
			« qtz>>py veining 0.2%»
			Overall « Pyrite 0.50%», disseminated and in qtz veinlets.
			< @ 322.20 bedding 65° >
			< @ 323.40 bedding 68° >
324.42	325.90	vn	
			QUARTZ VEIN.
			White, with 20% wallrock inclusions, which are most abundant towards the lower contact.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
312.48	313.33	0.85	333337	-0.005	0.06	19	1.6	1.36
313.33	314.03	0.70	333338	-0.005	0.09	17	3.8	4.85
314.03	314.77	0.74	333339	-0.005	0.08	25	4.1	4.10
314.77	315.50	0.73	333340	0.005	0.14	37	4.6	3.34
315.50	316.38	0.88	333341	-0.005	0.11	30	6.6	6.62
316.38	317.12	0.74	333342	-0.005	0.14	15	5.1	6.35
317.12	317.83	0.71	333343	-0.005	0.06	11	3.6	2.59
317.83	318.50	0.67	333344	-0.005	0.09	4	2.9	3.41
318.50	319.08	0.58	333345	0.005	0.22	6	4.6	5.19
319.08	319.96	0.88	333346	-0.005	0.18	10	5.5	4.53
319.96	320.83	0.87	333347	-0.005	0.06	12	3.8	2.12
320.83	321.70	0.87	333348	-0.005	0.11	14	4.4	1.89
321.70	322.70	1.00	333349	-0.005	0.12	6	4.6	0.94
322.70	323.78	1.08	333350	0.009	0.19	8	6.0	2.31
323.78	324.42	0.64	333351	0.020	0.30	13	3.7	5.88
324.42	325.52	1.10	333352	0.010	0.19	7	3.9	3.95
325.52	325.90	0.38	333353	0.055	0.96	30	58.3	28.50

Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
		In vein « Pyrite 3.00%», generally associated with inclusions (but also in quartz); medium- to coarse-grained, anhedral to subhedral. « Chlorite 1.00*» Contacts irregular.
325.90	333.21	slts
		SILTSTONE. Various shades of grey, chaotic-looking due to patchy alteration that locally resembles brecciation. Andalusite/chiastolite porphyroblasts locally visible. Strong « Silicification 3.00*», probable moderate non-reactive carbonatization « Dolomite 2.00*». « 325.90- 333.21 irregular qtz veining 0.2%» « 325.90- 327.65 very coarse clots of Pyrite 6.00%» « 327.65- 333.21 Pyrite 3.00%». From « 332.20- 332.33 intense chloritic shear 60°». Lower contact abrupt but not sharp.
333.21	343.45	bhm
		HEMATIZED MONOLITHIC BRECCIA. Red-brown (hematized probable siltstone), brecciated by 20% irregular chloritic stringers and veinlets. « Chlorite 2.00*» Upper half of unit (to 338.14m) anomalous on scint, averaging ~190cps and up to 225cps locally (at 334.92, point value). « 333.21- 338.14 190cps » In lower have of unit scint averages ~1540cps. Overall, in unit « Chalcopyrite 0.50%» and « Pyrite 0.20%», with the chalco occurring in the matrix and the pyrite in the matrix and also inside magnetite clots. Matrix also contains fine specular hematite « Specularite 2.00%»; and locally magnetite is present (perhaps spec hem is replacing mag), in matrix and also in disseminated clots « mg 2.00%». Unit is weakly silicified « Silicification 1.00*». « Hematite 2.00*»; fairly confident hematite rather than kspar due to variations in intensity of red hue (the deepest red may actually be burn haloes from fine-grained brannerite, but no brannerite observed in interval). Upper contact sheared « 333.21- 333.41 shear 55°». Lower contact very gradational. Minor « qtz veining 0.4%», in narrow discontinous gashes, favouring matrix material; some of these contain minor chalco.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
325.90	326.81	0.91	333354	0.063	1.04	61	36.7	112.00
326.81	327.65	0.84	333366	0.015	0.29	20	6.8	28.30
327.65	328.84	1.19	333367	0.005	0.13	22	4.3	20.10
328.84	329.92	1.08	333369	-0.005	0.12	6	7.7	8.97
329.92	330.06	0.14	333370	0.006	0.23	24	6.8	22.10
330.06	331.92	1.86	333371	0.010	0.43	52	7.5	26.40
331.92	332.50	0.58	333372	0.011	0.27	458	12.8	7.71
332.50	333.21	0.71	333373	0.135	0.18	2210	18.9	20.80
333.21	333.94	0.73	333374	0.440	0.49	6410	99.1	53.10
333.94	334.67	0.73	333375	0.132	0.19	2320	32.6	45.50
334.67	335.14	0.47	333376	0.030	0.05	678	14.0	22.00
335.14	335.77	0.63	333377	0.157	0.07	1520	46.5	23.70
335.77	336.54	0.77	333378	0.102	0.07	1725	21.9	9.63
336.54	337.28	0.74	333380	0.171	0.10	2000	36.4	15.40
337.28	338.14	0.86	333381	0.141	0.09	1145	71.8	17.05
338.14	338.97	0.83	333382	0.148	0.25	1995	42.5	75.90
338.97	339.70	0.73	333383	0.046	0.12	1315	21.7	67.30
339.70	340.51	0.81	333384	0.048	0.09	1190	36.2	57.70
340.51	341.04	0.53	333385	0.033	0.09	1040	19.3	24.30
341.04	341.98	0.94	333386	0.011	0.03	403	16.8	56.60
341.98	342.73	0.75	333387	0.030	0.09	725	18.5	64.70
342.73	343.26	0.53	333388	0.046	0.14	1180	12.3	30.70

Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
343.45	354.61	bhm

CHLORITIZED MONOLITHIC BRECCIA.

Somewhat similar to above hematized monolithic breccia, but less strongly hematized (very patchily) and chlorite component much stronger. Also, more chaotic in appearance. Chlorite is strongest between 347.22 and 349.63.

« 343.45- 347.22 Chlorite 3*» « 347.22- 349.63 Chlorite 4*» « 349.63- 354.61 Chlorite 3*»

« Hematite 1.00*»

Unit contains « mg 6.00%», in disseminated clots and in matrix, locally being replaced(?) by « Specularite 3.00%». Some clots of magnetite have spec hem cores.

Unit contains « Pyrite 3.00%», primarily medium-grained, anhedral, associated with magnetite. It also contains « Chalcopyrite 4.00%»; some of this is also associated with magnetite, but vast majority is major component of « 343.45- 354.61 qtz-carb (dol?) veining 4%» which is somewhat irregular and variously oriented but generally at low angles tca. Perhaps this is same chalco-qtz veining mapped on surface at ~160 Az.

« 346.52- 346.76 Chalcopyrite 12%», associated with vein « 2cm chalco-qtz-carb vein 8°».

Near upper contact is a band of « 343.96- 344.10 semi-massive Specularite 75%». This could conceivably represent a very narrow spec hem unit such as the ones mapped on surface.

Weakly anomalous with the scint « 343.45- 354.61 weak uranium mineralization 140», strongest counts in the lower half of the unit. At 350.60 230cps, looks like a weak low-angle narrow (2cm) shear expressed by chlorite « 350.40- 350.70 shear 10°». There also seems to be a weak relationship between stronger hematite staining and elevated scint counts.

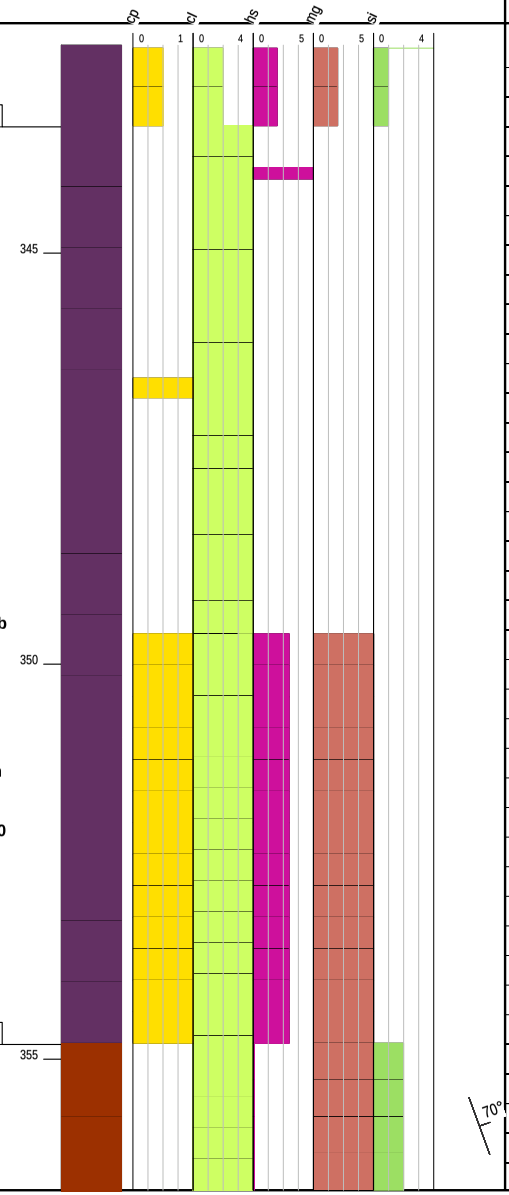
Contacts of unit gradational.

From	To	Rocktype & Description
354.61	361.90	slts

SILTSTONE.

Pale tan-grey with occasional reddish patches. Massive.

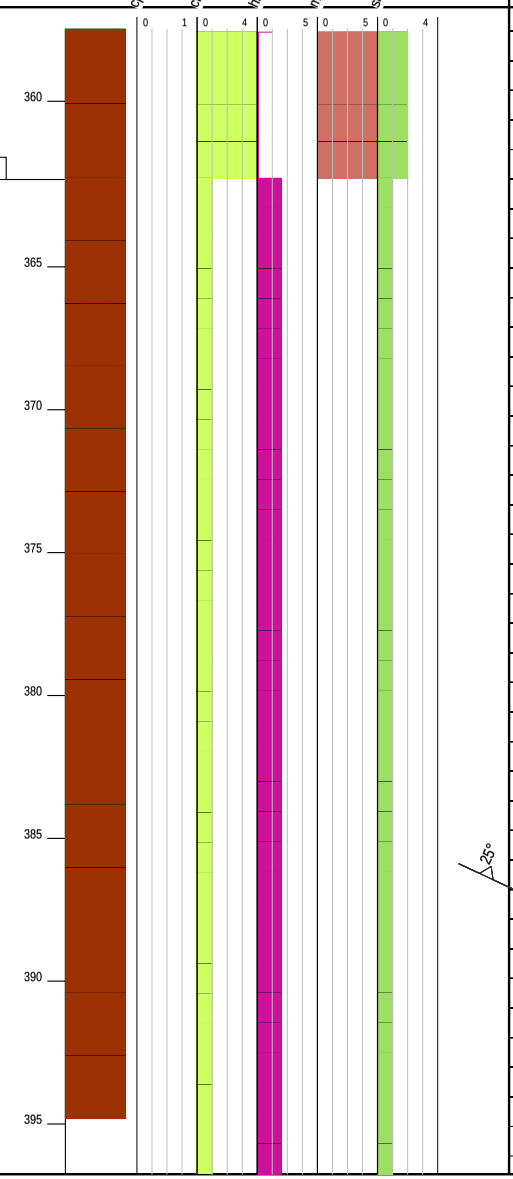
Moderate pervasive silicification « Silicification 2.00*»; « mg 6.00%» disseminated in medium to coarse clots. « Specularite 0.30%», associated with



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
343.26	343.86	0.60	333389	0.021	0.02	342	8.6	22.30
343.86	344.24	0.38	333391	0.053	0.17	433	13.2	17.40
344.24	344.94	0.70	333392	-0.005	0.02	348	7.3	11.45
344.94	345.28	0.34	333393	-0.005	0.04	299	19.8	10.55
345.28	345.98	0.70	333394	0.051	0.09	4090	8.7	5.05
345.98	346.44	0.46	333395	0.482	0.51	12800	16.6	22.00
346.44	346.76	0.32	333396	0.542	1.41	44900	27.1	22.30
346.76	347.22	0.46	333397	0.057	0.07	3180	30.6	13.10
347.22	347.95	0.73	333398	0.330	0.25	10950	17.7	44.40
347.95	348.81	0.86	333399	0.404	0.76	19200	18.8	66.50
348.81	349.63	0.82	333400	0.341	0.36	8750	44.0	40.60
349.63	350.30	0.67	847401	0.030	0.15	789	10.7	11.20
350.30	350.78	0.48	847402	0.080	0.16	1520	44.4	21.30
350.78	351.52	0.74	847403	0.027	0.05	870	15.5	19.30
351.52	352.20	0.68	847404	0.095	0.18	1325	24.5	20.80
352.20	352.95	0.75	847405	0.086	0.23	1545	17.0	16.80
352.95	353.64	0.69	847406	0.017	0.06	824	13.8	13.65
353.64	354.11	0.47	847407	0.066	0.20	3030	13.3	22.20
354.11	354.61	0.50	847408	0.084	0.23	4960	16.1	14.45
354.61	355.37	0.76	847409	0.014	0.04	781	6.0	13.45
355.37	356.15	0.78	847410	-0.005	0.02	64	5.1	2.42
356.15	357.06	0.91	847411	-0.005	0.04	54	6.2	10.65
357.06	357.83	0.77	847412	-0.005	0.02	37	6.1	0.70
357.83	358.73	0.90	847413	-0.005	0.02	27	8.4	1.13

Project: Werneckes **Hole Number:** UT07-11

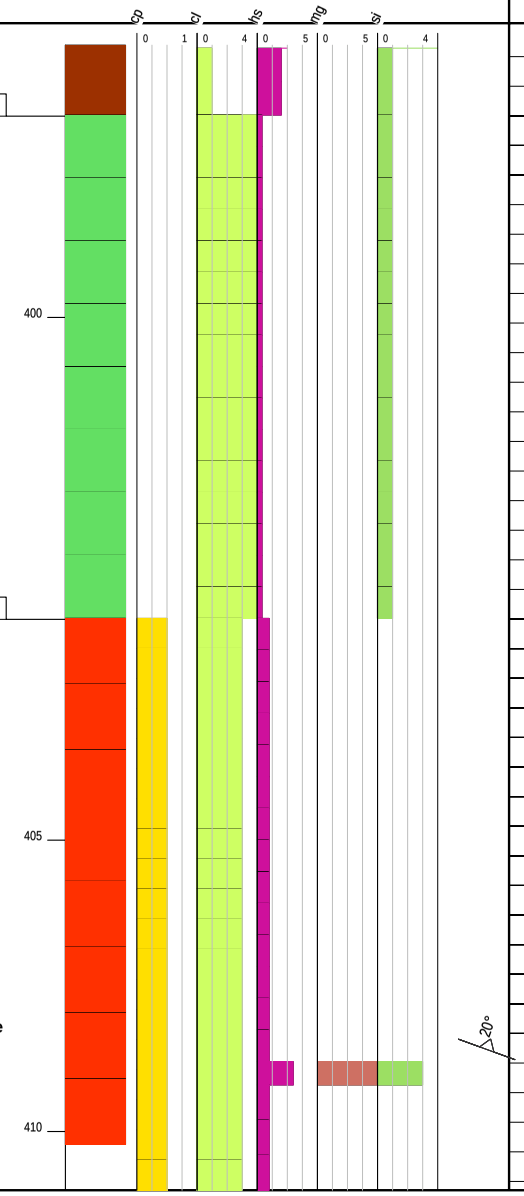
From	To	Rocktype & Description
		magnetite. « Pyrite 0.20%» « Hematite 1.00*».
		Possible faint < @ 356.60 bedding 70° >.
		Minor « qtz veining 30-55°» with trace pyrite (no chalco) and spec hem; ~0.5cm veinlets.
		Minor chlorite as concentrations of brecciating stringers « Chlorite 1.00*».
361.90	399.20	slts
		SILTSTONE.
		Medium grey; dark green tinge in lower third of unit.
		Similar to above unit but without magnetite and only weakly silicified.
		Disseminated, predominantly in medium- to coarse clots « Specularite 2.00%»; may be replaced magnetite.
		« Silicification 1.00*»
		Sulphides « Pyrite 0.30%», fine, disseminated.
		Weakly chloritized and possibly albitized below « 393.63- 399.20 Chlorite 1*» « Albite 1*».
		Minor « 361.90- 399.20 qtz>albite-spec hem>chalco veining 0.3%», at various orientations but dominant at « veining 30°». < @ 386.16 4cm qtz-ab-cp-hs vein 25° >.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
358.73	359.54	0.81	847414	-0.005	0.03	29	10.8	3.59
359.54	360.29	0.75	847415	-0.005	0.03	8	4.2	10.60
360.29	361.17	0.88	847416	-0.005	0.03	8	5.3	4.04
361.17	361.90	0.73	847417	0.005	0.04	5	5.0	5.20
361.90	362.64	0.74	847418	0.005	0.05	5	5.8	9.38
362.64	363.60	0.96	847419	-0.005	0.04	12	4.2	6.71
363.60	364.44	0.84	847420	0.023	0.05	12	7.5	49.80
364.44	365.56	1.12	847421	0.012	0.05	5	7.9	6.63
365.56	366.30	0.74	847422	0.015	0.07	8	5.8	4.47
366.30	367.18	0.88	847423	0.008	0.03	12	6.2	6.28
367.18	368.19	1.01	847424	0.008	0.04	37	8.8	15.80
368.19	369.07	0.88	847425	0.007	0.03	20	15.0	2.51
369.07	370.00	0.93	847426	0.007	0.04	20	11.2	2.78
370.00	371.29	1.29	847427	0.009	0.04	17	10.1	1.89
371.29	372.11	0.82	847429	0.016	0.07	83	11.4	9.51
372.11	373.40	1.29	847430	0.011	0.03	28	10.7	2.89
373.40	374.78	1.38	847431	0.007	0.03	8	10.4	5.10
374.78	376.15	1.37	847432	0.008	0.02	26	17.7	1.61
376.15	377.68	1.53	847433	0.005	0.02	3	16.5	1.32
377.68	379.50	1.82	847434	0.028	0.03	9	17.2	7.73
379.50	381.27	1.77	847435	0.082	0.06	6	7.3	26.80
381.27	382.86	1.59	847436	0.005	0.03	2	5.8	3.29
382.86	384.52	1.66	847437	0.008	-0.01	202	8.0	3.43
384.52	385.79	1.27	847438	0.010	-0.01	345	11.2	9.25
385.79	387.53	1.74	847439	0.050	0.06	212	8.3	62.70
387.53	388.72	1.19	847441	-0.005	-0.01	15	5.4	3.67
388.72	390.11	1.39	847442	-0.005	-0.01	33	4.4	3.19
390.11	390.56	0.45	847443	-0.005	-0.01	19	6.1	10.60
390.56	391.79	1.23	847444	-0.005	-0.01	18	5.7	1.65
391.79	393.63	1.84	847445	-0.005	-0.01	14	6.6	10.05
393.63	394.65	1.02	847446	0.025	-0.01	17	7.0	12.30
394.65	395.63	0.98	847447	0.034	-0.01	14	7.4	15.50
395.63	396.44	0.81	847448	0.017	-0.01	24	8.3	4.24
396.44	397.39	0.95	847449	0.013	-0.01	8	15.2	9.50
397.39	398.16	0.77	847451	0.011	-0.01	89	14.3	18.95
398.16	399.20	1.04	847452	-0.005	-0.01	5	3.8	3.23

Project: Werneckes **Hole Number:** UT07-11

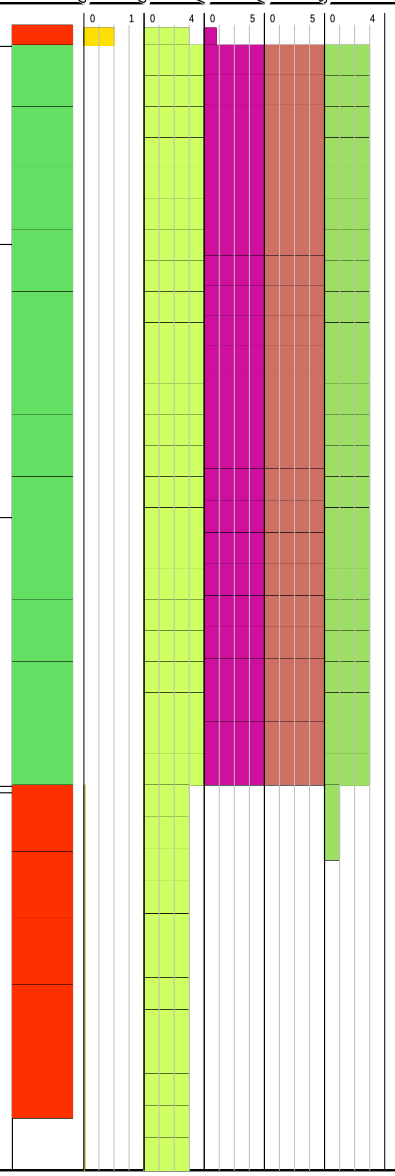
From	To	Rocktype & Description
399.20	401.19	mts
		SHEARED METASOMATISED SEDIMENTS(?) Light green-grey with darker streaks. Lightly bleached, probable moderate pervasive feldspar alteration (albite?). Moderate carbonate alteration, non-reactive to HCl. Probable weak sericite. Moderate chlorite, in coarse clots aligned parallel to foliation. Weak silica. « Albite 2.00*» « Dolomite 2.00*» « Sericite 1.00*» « Chlorite 2.00*» « Silicification 1.00*» . « Specularite 0.40%», typically associated with chlorite. « Pyrite 0.01%» Very faint pink tinge locally « Hematite 1.00*» Moderate shear fabric « shear 60°». Protolith uncertain - siltstone likely but could also be clast-poor Wernecke Breccia. Minor « 399.20- 401.90 qtz-albite>>chalco veining », predominantly at low angles tca. Contacts gradational.
401.19	411.35	bht
		WERNECKE BRECCIA. Mottled green, black, green-grey, very chaotic and variable in appearance. Not a typical-looking breccia but locally definite clasts can be seen, pebble-sized, angular, very dark green to black as well as bright red-brown. Appears to be clast-supported. Overall, strongly altered with chlorite and sericite the dominant alteration minerals. Unit has a slight waxy feel to it - from the sericite? « Chlorite 3.00*» « Dolomite 2.00*» « Sericite 3.00*» Disseminated « medium Chalcopyrite 0.50%» « Specularite 1.00%». « Pyrite 0.40%» in fine-grained clots. From « 408.80- 409.20 mg 5%» « Silicification 3*» « Specularite 3%» « Pyrite 4.00%» - that is, magnetite-silica-pyrite alteration, with magnetite as medium to coarse spots, altering to spec hem. < @ 408.50 2cm qtz-albite vein 20° > with minor pyrite and spec hem; otherwise unit includes little veining.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
399.20	399.79	0.59	847453	0.007	0.01	1235	5.2	48.10
399.79	401.40	1.61	847454	0.023	-0.01	474	4.6	18.45
400.40	401.19	0.79	847455	0.027	-0.01	22	3.5	24.80
401.19	401.90	0.71	847456	0.083	-0.01	29	7.4	26.50
401.90	402.48	0.58	847457	-0.005	-0.01	142	6.9	9.37
402.48	403.23	0.75	847458	0.049	0.95	4180	29.6	91.50
403.23	403.83	0.60	847459	0.029	0.24	1510	12.4	29.10
403.83	404.77	0.94	847460	-0.005	-0.01	1910	4.4	5.92
404.77	405.48	0.71	847461	-0.005	-0.01	538	2.8	3.65
405.48	406.14	0.66	847462	0.005	0.03	1185	5.9	8.78
406.14	406.77	0.63	847463	-0.005	-0.01	7	6.7	25.00
406.77	407.66	0.89	847464	0.017	0.36	197	15.1	7.07
407.66	408.42	0.76	847465	0.013	0.14	9	5.2	29.30
408.42	408.90	0.48	847466	0.037	0.17	19	20.0	25.00
408.90	409.20	0.30	847467	0.005	0.08	7	9.2	28.30
409.20	409.80	0.60	847468	0.023	0.08	5	15.6	17.15
409.80	410.87	1.07	847469	0.023	0.43	22	21.3	23.30
410.87	411.35	0.48	847470	0.030	0.17	9	19.5	51.30

Project: Werneckes **Hole Number:** UT07-11

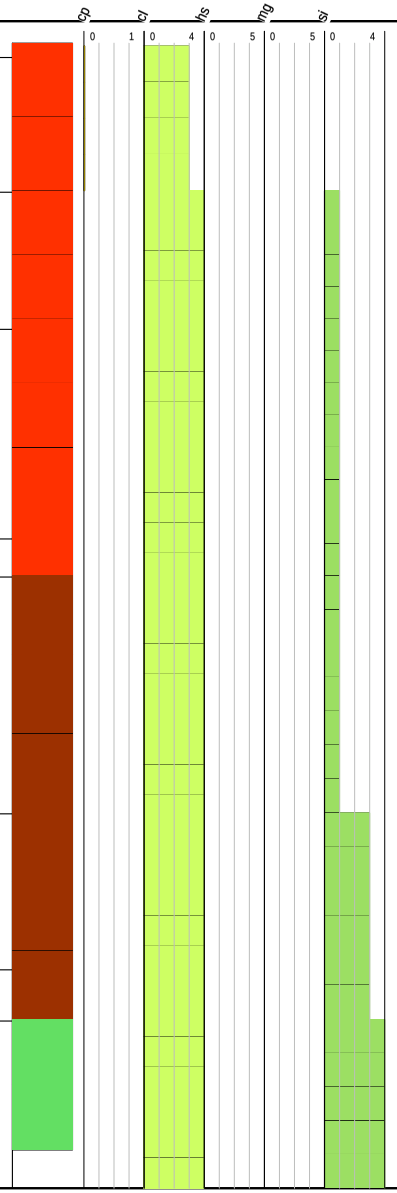
From	To	Rocktype & Description
411.35	424.90	mts METASOMATISED SEDIMENTS. Mottled black (speckled), white, greyish-white, yellow-white, metallic yellow-green, rarely pinkish. Locally laminated, suggesting protolith probably sediments. Intensely altered (silica, albite, carbonate, possible weak sericite) and magnetite/spec hem-pyrite mineralized. Silica tends to be cryptocrystalline white to greyish-white, locally intermixed with fine probable carbonate (non-reactive to HCl), patchy and in vein form. Albite is yellowish, patchy, generally with qtz vein material. Magnetite occurs in clusters of medium to coarse anhedral grains; some clusters so heavily populated that magnetite is semi-massive. Magnetism is not as strong as would be if some of the magnetite were not being replaced(?) by spec hem. Pyrite occurs as large anhedral clots and masses, or as irregular, discontinuous veinlets (which tend to parallel laminations). « Silicification 3.00*» « Dolomite 3.00*» «ab 2.00*» « Sericite 1.00*» « Hematite 1.00*» « Pyrite 10.00%» « mg 12.00%» « Specularite 5.00%» < @ 412.70 laminations 60.00° >< @ 412.05 laminations 61.00° > < @ 417.00 laminations 57.00° > < @ 423.00 laminations 58° > From « 418.52- 419.70 mg 35%» « Specularite 15%» semi-massive magnetite/spec hem.
424.90	431.70	bht METASOMATISED WERNECKE BRECCIA. Dark grey to grey-green. Breccia texture only locally visible. Probably matrix supported; clasts generally pebble-sized, subrounded, ranging in colour from dark grey, grey, reddish, grey-green, dark green. The latter two colours seem to be a factor of later alteration (sericite/chlorite; the sericitic ones tend to be the same colour as the matrix). Strongly sericitized and chloritized, possible weak carbonate. « Chlorite 3.00*» « Sericite 3.00*» « Dolomite 1.00*» . Throughout unit « qtz-albite-pyrite veining 5%», random orientations but predominantly « veining 40-60°», 1 to 3cm wide. Overall, « Pyrite 3.00%» , disseminated and in veining. Trace « Chalcopyrite 0.01%», disseminated near lower contact. At upper contact « Pyrite 10.00%» as clots. « 424.90- 425.86 Silicification 1.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
411.35	412.26	0.91	847471	0.045	0.82	14	6.4	41.10
412.26	413.06	0.80	847472	0.021	0.19	10	4.1	33.40
413.06	413.74	0.68	847473	0.013	0.12	8	5.1	23.30
413.74	414.30	0.56	847474	0.009	0.18	5	11.1	32.30
414.30	415.00	0.70	847475	-0.005	0.13	5	0.9	9.60
415.00	415.81	0.81	847476	0.026	0.35	23	2.7	38.50
415.81	416.63	0.82	847477	0.023	0.50	18	3.8	25.00
416.63	417.33	0.70	847478	0.025	0.47	16	2.6	42.20
417.33	418.12	0.79	847479	0.022	0.65	24	1.6	44.60
418.12	418.52	0.40	847480	0.030	0.82	30	4.5	121.00
418.52	419.10	0.58	847481	-0.005	0.14	5	4.9	198.50
419.10	419.70	0.60	847482	-0.005	0.22	4	9.1	221.00
419.70	420.58	0.88	847483	0.016	0.85	21	6.1	146.00
420.58	421.35	0.77	847484	0.022	0.49	13	16.1	31.50
421.35	422.10	0.75	847485	0.022	0.33	14	5.9	110.00
422.10	422.94	0.84	847486	0.013	0.60	23	8.4	108.00
422.94	423.43	0.49	847487	0.013	0.45	24	13.9	39.60
423.43	424.22	0.79	847489	0.017	1.06	68	9.5	75.20
424.22	424.90	0.68	847490	0.059	3.65	240	4.7	45.20
424.90	425.86	0.96	847491	0.069	2.45	200	9.2	47.70
425.86	426.66	0.80	847492	0.017	0.09	362	10.2	26.30
426.66	427.35	0.69	847493	0.014	0.10	50	11.4	15.40
427.35	428.04	0.69	847494	-0.005	0.17	203	9.8	28.10
428.04	428.69	0.65	847495	0.036	0.23	1090	12.8	58.90
428.69	429.38	0.69	847496	0.007	0.01	16	5.2	5.25
429.38	430.18	0.80	847497	0.006	0.02	14	39.0	9.74
430.18	430.58	0.40	847498	-0.005	0.03	33	9.7	9.26
430.58	431.70	1.12	847500	0.031	0.10	1015	15.0	18.70

Project: Werneckes **Hole Number:** UT07-11

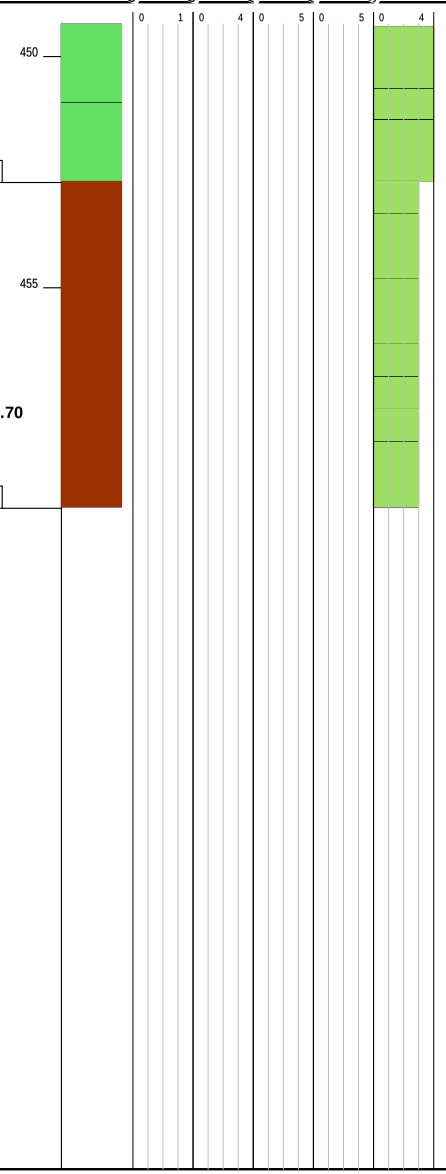
From	To	Rocktype & Description
		Near lower contact laminated/sheared(?) « 430.70- 431.70 weak shear 65°». Contacts gradational.
431.70	440.88	bht
		SERICITIZED WERNECKE BRECCIA.(?) Tan grey-green to grey-green. Intensely pervasively sericitized, such that clasts (when visible) are often the same colour as matrix. Similar to breccia unit above but alteration slightly different and clasts less obvious. « Sericite 4.00*» « Chlorite 2.00*» « Silicification 1.00*» « Pyrite 2.00%», disseminated, medium-grained, many have silver-metallic iridescent tarnish. Minor « qtz>ab>py>cp veining 2%». From « 439.60- 440.15 weak shear(?) 63°». Lower contact abrupt but not measurable.
440.88	443.32	slts
		SILTSTONE. Medium dark-grey, homogeneous, bedding locally visible. « Pyrite 6.00%» in clots and smears. Weak pervasive silicification « Silicification 1.00*». < @ 441.50 bedding 57.00° > < @ 443.20 bedding 67.00° > < @ 443.20 bedding 80.00° >
443.32	445.53	slts
		SILICIFIED SILTSTONE. Various shades of grey. Bedding locally visible. Strong but patchy silicification. « Silicification 3.00*» « Sericite 1.00*» « Pyrite 3.00%», medium-grained, disseminated. < @ 444.50 bedding 68° >
445.53	452.78	mts
		METASOMATISED SEDIMENTS. Mottled shades of grey, dirty yellow-brown. Probably totally altered siltstone. Intensely silicified; weak sericite, calcite. Weakly crackle-brecciated.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
431.70	432.42	0.72	847068	0.005	0.02	56	8.3	29.00
432.42	433.28	0.86	847069	0.006	0.12	42	8.2	51.10
433.28	433.99	0.71	847070	0.012	0.20	99	13.9	46.80
433.99	434.56	0.57	847071	-0.005	0.24	31	19.0	12.70
434.56	435.65	1.09	847072	-0.005	-0.01	78	8.3	3.19
435.65	436.42	0.77	847073	0.011	0.01	15	34.0	4.32
436.42	437.00	0.58	847074	-0.005	0.09	32	4.9	0.71
437.00	437.57	0.57	847075	0.020	0.14	433	8.5	5.91
437.57	438.63	1.06	847076	-0.005	0.03	59	7.4	2.32
438.63	439.60	0.97	847077	-0.005	-0.01	332	4.7	1.30
439.60	440.37	0.77	847078	-0.005	0.02	318	5.6	2.68
440.37	440.88	0.51	847079	0.005	0.02	11	5.1	13.35
440.88	441.64	0.76	847080	0.023	0.27	17	14.4	32.00
441.64	442.54	0.90	847081	0.031	1.46	69	20.6	220.00
442.54	443.32	0.78	847082	0.021	1.72	62	17.7	32.40
443.32	444.19	0.87	847083	-0.005	0.53	83	10.1	11.25
444.19	445.04	0.85	847084	0.006	0.17	6	5.0	3.62
445.04	445.53	0.49	847085	-0.005	0.11	4	2.1	3.21
445.53	446.25	0.72	847086	0.005	0.21	9	1.9	2.42
446.25	446.94	0.69	847087	-0.005	0.40	6	1.9	1.27
446.94	447.60	0.66	847088	-0.005	0.12	3	1.6	0.85
447.60	448.45	0.85	847089	0.007	0.09	3	1.6	0.84
448.45	449.23	0.78	847090	0.005	0.07	52	1.5	0.73
449.23	450.05	0.82	847091	0.006	0.08	8	3.5	1.32

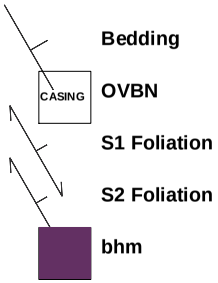
Project: Werneckes **Hole Number:** UT07-11

From	To	Rocktype & Description
		Overall « Pyrite 3.00%», disseminated and medium-grained, also in cracks. Weak limonite, favouring cracks. « Limonite 1.00*» « Silicification 4.00*» « Sericite 1.00*» « Calcite 1.00*» Contacts gradational.
452.78	459.58	slts
		SILICIFIED SILTSTONE. Mottled various shades of grey, some dirty yellw-brown overprinting. Similar to unit between 443.42 and 445.53. Strong but patchy silicification, weak sericite, probable weak albite. « Silicification 3.00*» « Sericite 2.00*» « Albite 1.00*» . « Pyrite 2.00%», medium-grained disseminated. « Limonite 1.00*» Locally well-defined bedding visible (some silica is bedding conformable).< @ 453.55 bedding 58° >< @ 455.80 bedding 58° >< @ 456.75 bedding 48° >< @ 457.70 bedding 55° >
459.58	459.58	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
450.05	450.91	0.86	847092	0.005	0.06	2	1.4	1.32
450.91	451.86	0.95	847093	0.008	0.31	10	1.6	1.35
451.86	452.78	0.92	847094	0.008	0.08	4	2.1	1.23
452.78	453.74	0.96	847095	0.006	0.06	5	1.6	1.04
453.74	454.62	0.88	847096	0.006	0.05	3	1.6	0.78
454.62	455.56	0.94	847097	0.007	0.09	10	2.7	1.23
455.56	456.35	0.79	847098	0.006	0.06	10	2.0	0.92
456.35	457.15	0.80	847099	0.005	0.05	3	1.4	0.80
457.15	458.03	0.88	847100	0.005	0.05	4	1.6	0.65
458.03	458.71	0.68	845801	0.006	0.08	5	3.1	2.80
458.71	459.47	0.76	845802	-0.005	0.06	12	2.1	0.83

Drill Log Legend



Bedding

OVBN

S1 Foliation

S2 Foliation

bhm

bht

di

dol

mts

slts

slts

vein

vn

DRILL LOG

Project: Weneckes	**Collar Elevation (m):** 1820.0
Hole UT07-12	**Azimuth (º):** 125
Location: 7200900 m North, 534449 m East	**Dip (º):** -45.0
Logged by: S.Boyce	**Length (m):** 206.70
Drilled by: Cabo	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: NQ2	
Date Started: 2007/09/11 **Date Completed:** 2007/09/23	
Dip Tests By: No	
Objective To test for structurally controlled mineralization within the HEM Zone.	

Summary Log:

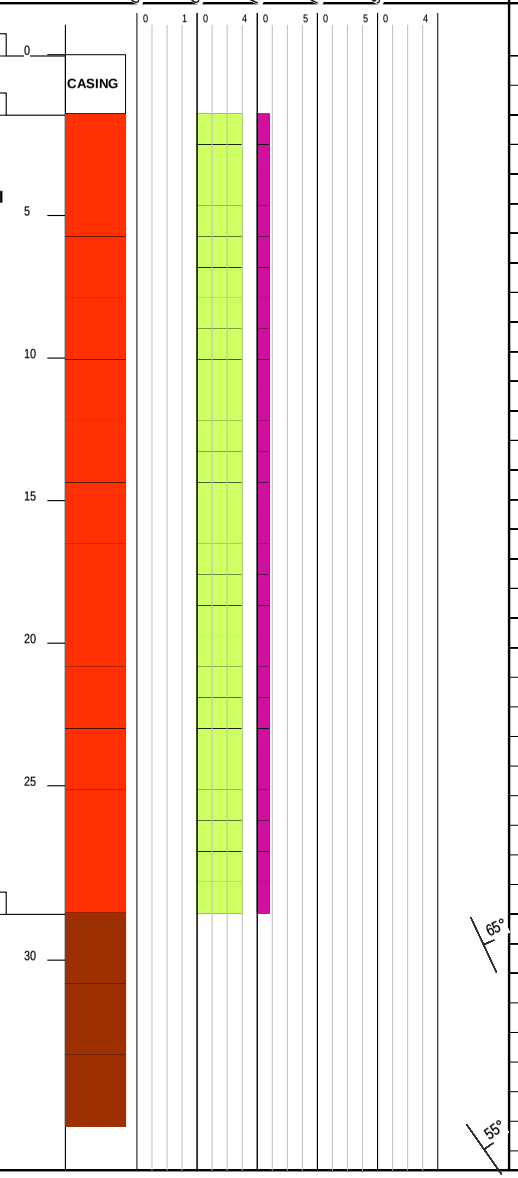
0 – 1.44 m CASING
1.44 – 79.0 m WERNECKE BRECCIA (bht,m): generally with red hematitic clasts; interval also contains siltstone units.
79.0 – 116.4 m SILTSTONE (slts): lower portion of unit silicified and potassically(?)-altered; interval between 87.5 and 88.4m moderately anomalous on scint (up to 400 cps in corebox); strong magnetite mineralization begins at 83.5m and continues to EOH; 5% quartz-carbonate-chalcopyrite veining below 87.5m to base of unit (most veins at low angles to core axis).
116.4 – 117.6 m SEMI-MASSIVE MAGNETITE (mxMG)
117.6 – 128.7 m SILTSTONE (slts): intensely hematized; locally weakly anomalous on scint.
128.7 – 130.9 m MASSIVE MAGNETITE (mxMG)
130.9 – 149.8 m SILTSTONE (slts): hematized; 15% pyrite in bottom 15m.
149.8 – 154.9 m MONOLITHIC BRECCIA (bhm): minor pyrite, trace chalcopyrite.
154.9 – 191.4 m METASOMATISED SILTSTONE: earthy hematite / sericite / dolomite / weak silica / possible weak potassium feldspar alteration; top 3m of unit anomalous on scint (up to 300 cps in box).
191.4 – 194.9 m SEMI-MASSIVE PYRITE (MXSX)
194.9 – 200.1 m SEMI-MASSIVE MAGNETITE (mxMG)
200.1 – 206.7 m METASOMATISED SEDIMENTS (mts): silica / albite / carbonate / potassium feldspar alteration; abundant pyrite and minor chalcopyrite.
206.7m = EOH (abandoned)

Downhole surveys:

Depth	Dip	Azimuth
0.00	-45.00	125.00

Project: Werneckes **Hole Number:** UT07-12

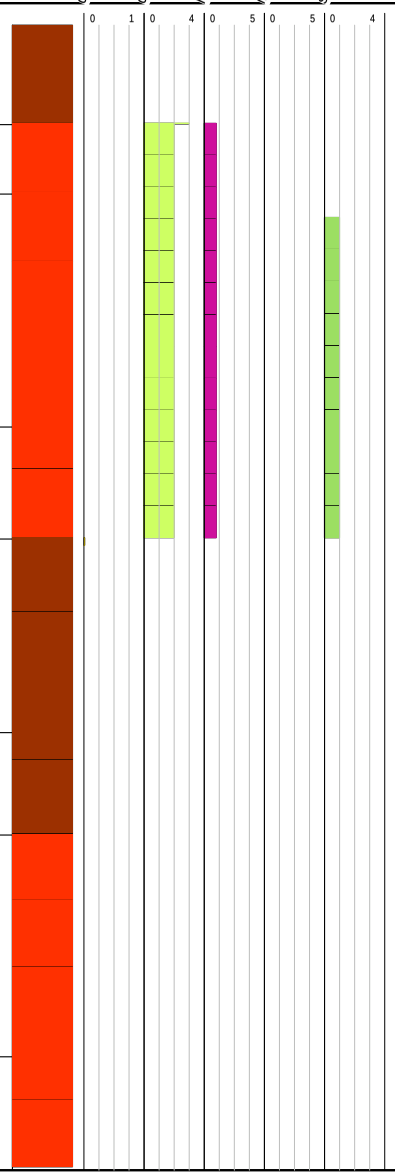
From	To	Rocktype & Description
0.00	1.44	OVBN CASING. No core recovered.
1.44	29.47	bht WERNECKE BRECCIA. Bright red hematitic clasts, dark green matrix with small patches of white. 60% discrete subangular clasts, mostly some shade of red, but also occasional black Quartet shale clasts. Matrix chlorite plus carbonate (probably dolomite); the later generally forms discrete masses up to 1cm in diameter; some clasts also carbonatized. Unit not silicified. « Chlorite 3.00*» « Dolomite 3.00*» « Hematite 3.00*» Disseminated fine- to medium-grained specular hematite « Specularite 1.00%» Trace limonite, on fracture surfaces. « Limonite 1.00*» Nil veining. « 15.66- 16.80 Pervasive Hematite 4*» < @ 29.47 Lower contact 60° > « 5.88- 6.55 fracture zone »
29.47	33.48	slts HEMATIZED SILTSTONE. Dark red brown. Locally faint probable bedding visible, on a cm-scale, expressed by slight variation in colour. Locally brecciated by chlorite stringers. « Hematite 3*» « Chlorite 2.00*» « Dolomite 1.00*» < @ 29.80 bedding 65.00° >< @ 32.10 bedding 55.00° > < @ 29.75 microfault 10° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
1.49	2.57	1.08	845803	0.009	0.09	2	4.4	1.47
2.57	3.59	1.02	845804	0.010	0.10	2	5.9	2.11
3.59	5.49	1.90	845805	0.010	0.09	2	6.9	2.10
5.49	6.64	1.15	845806	0.025	0.12	108	21.4	1.55
6.64	8.53	1.89	845807	0.012	0.07	101	8.4	3.50
8.53	9.80	1.27	845808	0.018	0.05	3	6.3	2.82
9.80	11.58	1.78	845809	0.013	0.07	5	7.5	2.68
11.58	12.98	1.40	845810	0.011	0.06	4	7.1	1.79
12.98	14.30	1.32	845811	0.012	0.10	3	8.1	1.51
15.66	16.80	1.14	845813	0.011	0.09	2	8.3	2.76
16.80	18.01	1.21	845814	0.012	0.09	2	8.9	2.15
18.01	19.45	1.44	845815	0.015	0.14	9	10.2	3.17
19.45	21.33	1.88	845816	0.021	0.08	3	8.9	9.13
21.33	23.11	1.78	845817	0.011	0.06	2	5.6	2.87
23.11	24.42	1.31	845818	0.010	0.26	3	8.0	2.23
24.42	25.85	1.43	845819	0.012	0.14	4	6.6	1.28
25.85	27.23	1.38	845820	0.012	0.09	3	7.3	1.90
27.23	28.26	1.03	845821	0.023	0.14	7	7.3	1.17
28.26	29.47	1.21	845822	0.008	0.07	34	5.1	0.54
29.47	31.03	1.56	845823	0.007	0.04	11	4.9	0.50
31.03	32.36	1.33	845824	0.010	0.06	62	5.5	0.41
32.36	33.48	1.12	845825	0.011	0.05	30	4.2	0.40

Project: Werneckes **Hole Number:** UT07-12

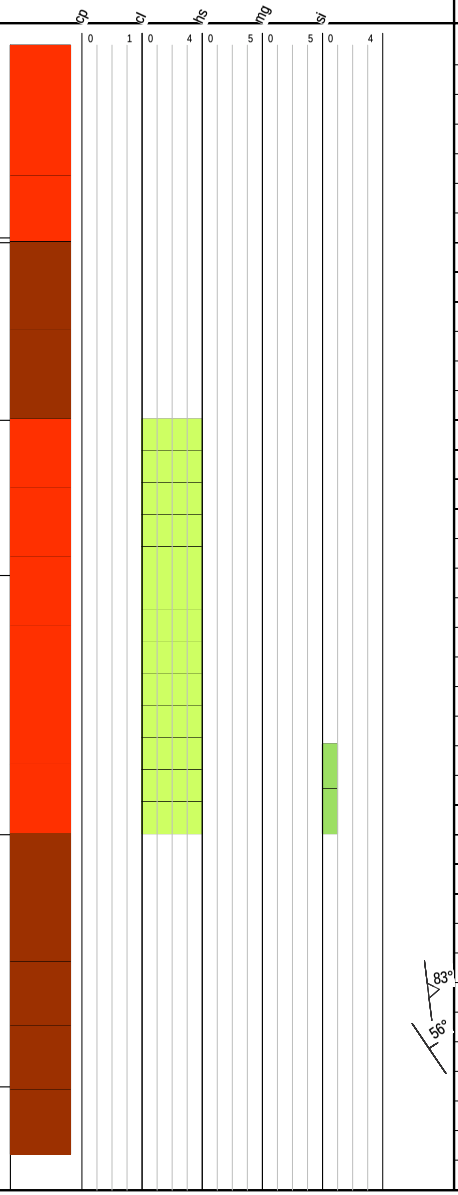
From	To	Rocktype & Description
33.48	42.38	bht
		WERNECKE BRECCIA. Very similar to breccia unit at top of hole, with bright red hematitic clasts, dark green matrix with small patches of white. Except upper contact gradational, and top 2m are clearly monolithic, with chlorite stringers brecciating the above siltstone unit. Lower down in unit clasts are generally more discrete; however no black shale clasts were found and only one clast was distinctly different from the red, siltstone clasts, being grey-green, more siliceous. So difficult to say whether heterolithic or not. « Chlorite 3.00*» « Dolomite 3.00*» « Hematite 3.00*» Disseminated fine « Specularite 1.00%». Trace chalco « Chalcopyrite 0.01%». Between 37.94m and 38.55m no clasts are present and rock is a mix of chlorite, carbonate and earthy hematite. From « 35.50- 42.38 Silicification 1*».
42.38	46.36	slts
		SILTSTONE. Grey, with pink-grey patches. Contacts gradational. Patchy weak hematization, carbonatization, strongest in the upper half of the unit. Some of this looks to have followed bedding planes but been subsequently disrupted by microfaulting. « Hematite 1.00*» « Dolomite 1.00*» « 42.38- 42.48 fault »; minor gouge. Trace chalcopyrite.
46.36	55.06	bht
		WERNECKE BRECCIA. Mottled red, grey-green, off-white (yellowish), orangy-brown. Not a typical Wernecke Breccia in terms of colouration, and also in terms of wide range of clast sizes, which range from 3mm to 20cm in diameter. Orangy-brown due to limonite, which is obvious on fracture surfaces but also pervades matrix and clasts locally (mostly near the upper contact). Matrix-supported (chlorite + carbonate > sericite); clasts subangular to subrounded and heterolithic (predominantly probable siltstone, rare black shale). Moderate earthy hematite, mostly in clasts but also occurring in matrix. « Chlorite 3.00*» « Dolomite 3.00*» « Sericite 2.00*» « Limonite 1.00*» « Hematite 2.00*»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
33.48	34.35	0.87	845826	0.007	0.05	13	3.6	0.38
34.35	35.35	1.00	845827	0.007	0.05	5	9.3	0.77
35.35	36.50	1.15	845828	0.017	0.06	7	6.7	1.13
36.50	37.94	1.44	845829	0.011	0.06	3	6.5	1.37
37.94	38.55	0.61	845830	0.007	0.05	166	5.1	5.23
38.55	39.62	1.07	845831	0.015	0.07	16	5.3	1.71
39.62	40.66	1.04	845832	0.007	0.09	9	19.5	1.07
40.66	41.87	1.21	845833	0.028	0.19	55	15.4	11.70
41.87	42.38	0.51	845834	0.029	0.31	84	39.6	20.00
42.38	42.88	0.50	845835	-0.005	0.10	4	7.9	2.08
42.88	43.68	0.80	845836	-0.005	0.05	1	6.3	0.74
43.68	44.53	0.85	845837	-0.005	0.01	0	5.8	0.66
44.53	45.43	0.90	845838	-0.005	0.11	1	6.4	0.73
45.43	46.36	0.93	845839	-0.005	0.04	0	5.3	1.19
46.36	47.11	0.75	845840	0.013	0.16	9	16.9	5.63
47.11	47.59	0.48	845841	0.025	0.16	12	49.7	9.53
47.59	48.54	0.95	845842	0.012	0.08	7	14.7	6.62
48.54	49.30	0.76	845843	0.005	0.02	13	10.2	1.88
49.30	50.00	0.70	845844	0.006	0.10	5	12.1	4.12
50.00	51.21	1.21	845845	-0.005	0.04	4	9.9	1.70
51.21	52.26	1.05	845846	0.013	0.13	4	17.1	6.41
52.26	53.13	0.87	845847	0.006	0.03	3	13.1	9.96
53.13	54.25	1.12	845848	-0.005	0.02	2	6.9	1.14
54.25	55.06	0.81	845849	0.005	0.02	2	7.9	1.08

Project: Werneckes **Hole Number:** UT07-12

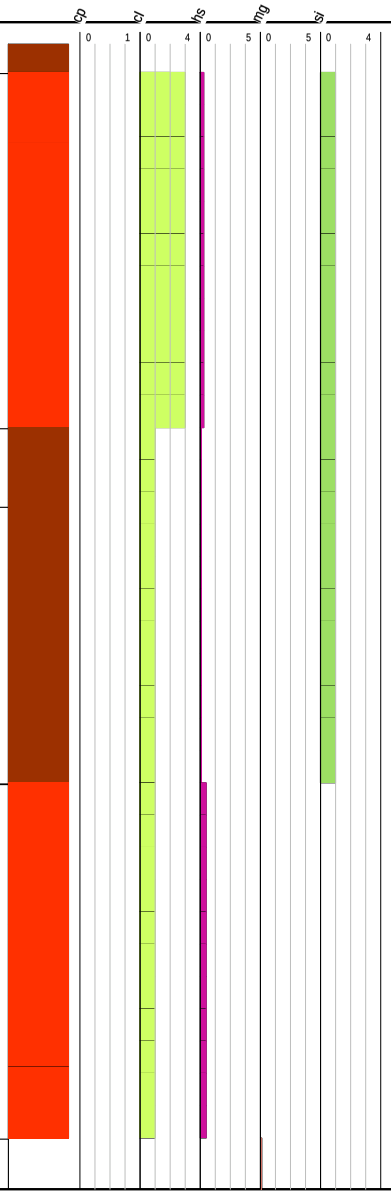
From	To	Rocktype	& Description
			Trace fine « Specularite 0.30%».
			< @ 52.60 fault 5° >; 5mm wide, subparallel tca; fault gouge.
55.06	58.08	slts	SILTSTONE.
			Medium dark grey, locally speckled off-white. Bedding not observed.
			Strong carbonatization « Dolomite 3.00*».
			Both contacts gradational.
58.08	63.17	bht	WERNECKE BRECCIA.
			Mottled dark green, off-white; with pale green also, particularly toward the lower contact.
			Clasts in many places difficult to make out; these may be sections of monolithic (siltstone) breccia where the matrix material is more of a patchy alteration than a brecciation.
			Matrix is predominantly carbonate (non-reactive - dolomite?), plus chlorite and sericite. Stronger sericitization has occurred near the lower contact, along with weak silicification.
			Little earthy hematite present in this unit.
			« Dolomite 3*» « 58.08- 63.17 Chlorite 2*» « 62.07- 63.17 Sericite 3*» « 58.08- 62.07 Sericite 2*» « 62.07- 63.17 Silicification 1*»
63.17	65.95	slts	SILTSTONE.
			Dark grey. Essentially unaltered except for moderate patchy carbonatization (dolomite) which makes a very fine salt-and-pepper appearance; some of which probably conforms to bedding.
			« Dolomite 2.00%»
			Trace « fine Specularite 0.10%».
			Upper contact is a narrow fault (broken over 3cm, minor fault gouge); lower contact also broken up but not thought to be a fault.
			< @ 63.17 fault >
			< @ 64.70 probable bedding 56.00° >
			< @ 64.30 2cm white qtz>>calcite vein 83.00° >



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
55.06	56.07	1.01	845850	-0.005	0.01	1	6.4	0.56
56.07	57.30	1.23	244001	-0.005	0.14	0	7.6	0.57
57.30	58.08	0.78	244002	-0.005	-0.01	0	9.2	0.66
58.08	59.05	0.97	244004	-0.005	0.01	0	9.8	0.73
59.05	60.30	1.25	244005	-0.005	-0.01	0	7.1	0.55
60.30	61.33	1.03	244006	-0.005	0.01	0	6.6	0.50
61.33	62.30	0.97	244007	-0.005	0.01	0	7.0	0.55
62.30	63.40	1.10	244008	-0.005	0.04	1	6.7	0.70
63.40	64.28	0.88	244009	-0.005	-0.01	0	5.7	0.65
64.28	65.35	1.07	244010	-0.005	0.04	1	5.0	0.67
65.35	65.95	0.60	244011	-0.005	0.02	1	6.7	0.66

Project: Werneckes **Hole Number:** UT07-12

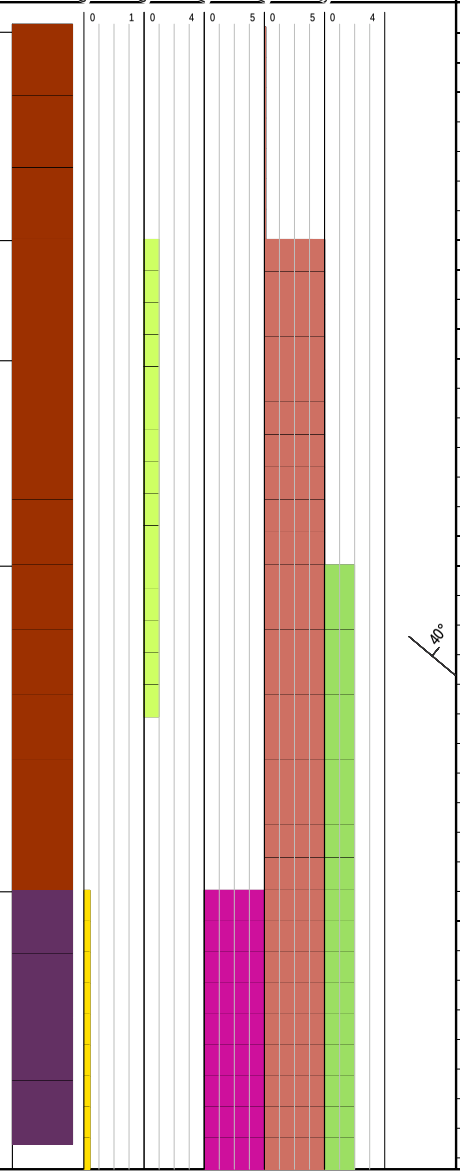
From	To	Rocktype & Description
65.95	68.56	bht
		WERNECKE BRECCIA. Mottled pale green, green, cream-coloured, locally reddish. Probably monolithic but hard to say for sure due to alteration. Clasts are generally intensely sericitized and patchily chloritized, subangular, probable metasomatized siltstone (bedding can be seen in some clasts). Matrix is predominantly carbonate (dolomite?), with minor sericite, grey silica and possible albite. « Sericite 4.00*» « Dolomite 4.00*» « Chlorite 2.00*» « Silicification 1.00*» « Albite 1.00*» « Hematite 1.00*» Unmineralized. Upper contact abrupt, lower gradational over 10cm.
68.56	74.98	slts
		SILTSTONE. Dark grey, somewhat mottled appearance. Bedding not observed. Moderate patchy sericitizationa and carbonatization; weak pervasive silicification and chloritization. « Sericite 2.00%» « Dolomite 2.00*» « Silicification 1.00*» « Chlorite 1.00*» Unit includes « qtz-carbonate>>spec hem veining 4.00%»; veins are 1-4cm width, at various orientations; quartz has a weak brownish tinge. Overall « Specularite 0.10%», in veins and trace disseminated. No sulphides seen. Contacts gradational.
74.98	79.00	bht
		WERNECKE BRECCIA. Mottled red, dark grey, lesser off-white.Irregular in appearance, with sections with discrete clasts, and other sections with clasts difficult to make out, possibly monolithic sections, siltstone patchily altered/brecciated by fluids related to the more obvious breccia sections. « Hematite 3.00*» « Dolomite 2.00*» « Chlorite 1.00*» « Specularite 0.50%», mostly associated with carbonate (dolomite?) which occurs as vein material as well as matrix material. « 74.98- 79.00 carbonate-qtz veining 1%» Contacts gradational.
79.00	83.49	slts
		SILTSTONE.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
65.95	66.75	0.80	244012	-0.005	0.05	1	6.0	0.62
66.75	68.00	1.25	244013	-0.005	0.06	7	5.7	1.27
68.00	68.13	0.13	244014	-0.005	0.07	215	6.8	0.82
68.13	68.58	0.45	244016	-0.005	0.05	16	5.9	0.72
68.58	69.67	1.09	244017	-0.005	0.03	7	5.8	1.37
69.67	70.17	0.50	244018	-0.005	0.02	1	6.6	2.17
70.17	70.96	0.79	244019	-0.005	0.02	1	6.8	3.33
70.96	73.40	2.44	244020	-0.005	0.04	1	17.4	5.68
73.40	74.23	0.83	244021	0.036	0.03	1	14.0	5.35
74.23	74.98	0.75	244022	-0.005	0.04	1	6.6	5.86
74.98	75.59	0.61	244023	-0.005	0.04	1	5.6	5.24
75.59	76.27	0.68	244024	-0.005	0.05	1	9.6	4.29
76.27	77.14	0.87	244026	0.497	0.06	3	8.6	3.14
77.14	78.00	0.86	244027	-0.005	0.04	2	8.6	2.91
78.00	79.00	1.00	244028	-0.005	0.06	10	9.7	5.73
79.00	79.73	0.73	244029	-0.005	0.04	2	4.3	3.00
79.73	80.90	1.17	244030	-0.005	0.04	2	4.3	4.69

Project: Werneckes **Hole Number:** UT07-12

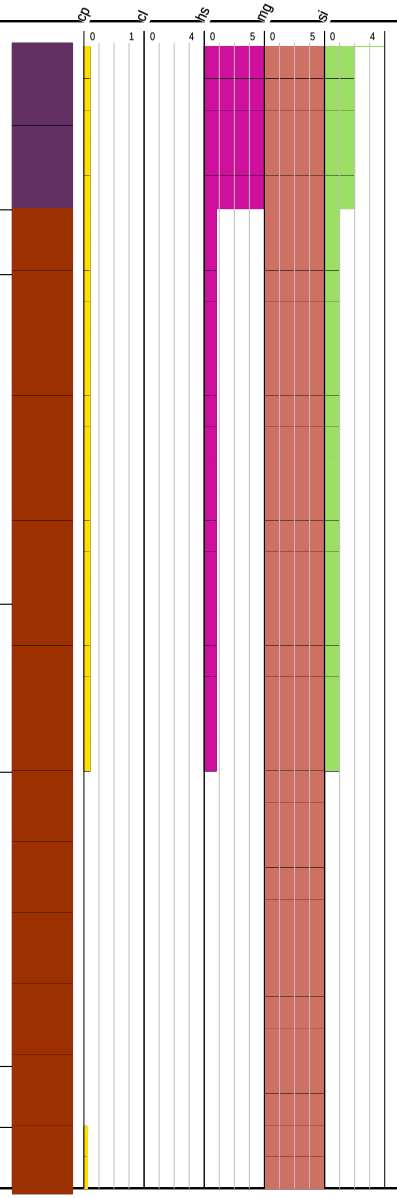
From	To	Rocktype & Description
		Dark grey, with patches of light grey tinged red. Patchily moderate carbonate > earthy hematite alteration. Minor wisps of sericite. « 79.00- 83.49 Dolomite 2*» « Hematite 1*» « Sericite 1.00*» Trace fine disseminated « mg 0.10%». Contacts gradational.
83.49	87.54	slts
		SILTSTONE. Pale mauve, slightly mottled appearance. Faint laminations visible in places which may be weakly expressed bedding. « fine-grained disseminated mg 4%» « kspar 1*» « Chlorite 1.00*» « Pyrite 0.01%» « Hematite 1.00*» Contacts gradational. < @ 85.80 lamination 62° >< @ 83.60 lamination 61° >
87.54	88.44	slts
		SILTSTONE. Medium grey, pink tinge locally. This interval more silicified than seen previously in this hole (moderate). « Silicification 2.00*» « Hematite 2.00*» « mg 5.00%» Unit anomalous on scint, up to 400 CPS (core in box, at 87.8m). < @ 87.78 bedding 40.00° > Unit contains « qtz-carb-mag>chalco+/-py veining 7.00%». Some of this veining is very irregular; but some narrow stringers are oriented consistently at « 87.54- 88.44 veining 60°» and are micro-fault-filling. No chalco noted.
88.44	89.00	bhm
		MONOLITHIC BRECCIA. Mottled red-brown, black, off-white. Probable hematitic siltstone brecciated by qtz-dolomite-magnetite-spec hem>pyrite material. Matrix-supported in centre of unit, becomes clast-supported towards contacts, which are gradational. Unit cut by veins which are similar composition to matrix, but which also contain minor chalcopyrite (veins are possible just slightly later than matrix injection). « Hematite 2.00*» « Dolomite 2.00*» « mg 10.00%» « Silicification 2.00*» «



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
80.90	81.78	0.88	244031	0.005	0.08	8	3.6	8.66
81.78	82.37	0.59	244032	0.019	0.03	7	3.5	10.65
82.37	83.49	1.12	244033	-0.005	0.04	8	3.2	6.38
83.49	84.18	0.69	244034	-0.005	0.03	10	3.3	10.65
84.18	84.86	0.68	244036	-0.005	0.04	7	6.7	9.56
84.86	85.60	0.74	244037	-0.005	0.03	2	6.0	4.48
85.60	86.31	0.71	244038	-0.005	0.03	3	5.4	7.67
86.31	86.97	0.66	244039	-0.005	0.04	6	5.6	7.39
86.97	87.78	0.81	244040	-0.005	0.07	80	56.8	6.86
87.78	88.44	0.66	244041	0.016	0.10	6	7.7	6.79
88.44	89.06	0.62	244042	0.010	0.06	47	4.8	16.90

Project: Werneckes **Hole Number:** UT07-12

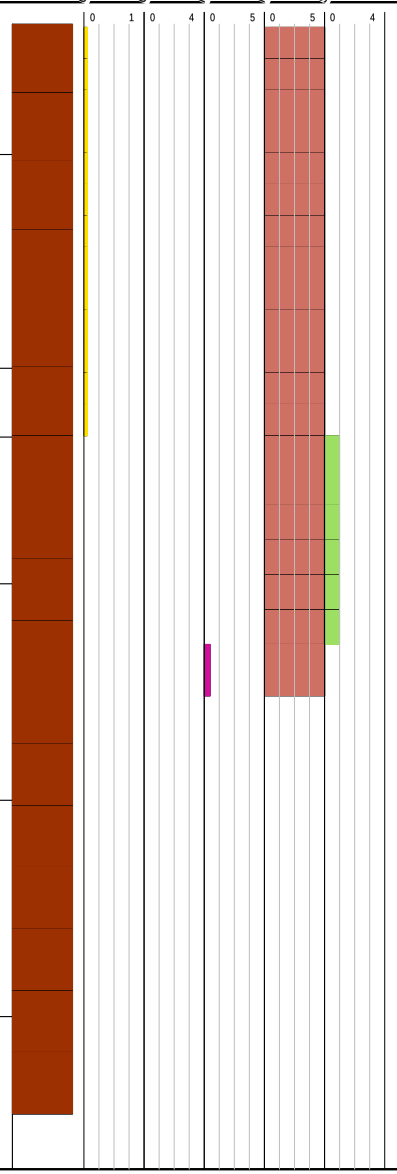
From	To	Rocktype & Description
		Pyrite 3.00%» « Specularite 5.00%» « Chalcopyrite 0.10%»
		« 88.44- 89.00 veining 15%»
89.00	97.53	slts
		SILTSTONE.
		Grey-green to red-brown. Bedding locally present.
		Moderate patchy hematite staining; very weak pervasive silicification; weak
		dolomite, probable weak sericite.
		« Hematite 2.00*» « Silicification 1.00*» « Dolomite 1.00*» « Sericite 1.00*»
		Magnetite, pyrite mineralization. Minor chalco, associated with veining. « mg
		8.00%» « Pyrite 2.00%» « Specularite 1.00%» « Chalcopyrite 0.10%»
		Abundant veining, at various core axis angles, but predominantly at low angles
		tca. From 89.4- 92.0m a 3cm vein runs parallel tca. Veins range from 2mm to 6cm
		in width. Higher angle veins tend to contain more quartz, less carbonate, and
		less mineralization than the lower angle veins. « 89.00- 97.53
		qtz-dol>>hs-mg>chalco veining 9%»< @ 95.90 bedding 78° >
		Some late (post veining) micro-faulting at high angles tca, particularly
		towards upper contact. < @ 89.05 micro- fault 80° >< @ 90.30 micro- fault 80°
		>< @ 89.72 micro- fault 80° >< @ 89.74 micro- fault 55° >
97.53	100.50	slts
		HEMATIZED SILTSTONE.
		Dark red-brown, with black patches/bands.
		Strongly hematized. Affected by magnetite-carbonate-pyrite alteration.
		« mg 8.00%» « Dolomite 2.00*» « Pyrite 3.00%»
		« Hematite 3.00*»
		Core fractured; fault at lower contact (some core loss here). « 100.20- 100.70
		fault »
		< @ 99.80 bedding 70° >
100.50	111.58	slts
		SILTSTONE.
		Medium grey to dark red-brown; bleck speckles, patches/bands.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
89.06	89.99	0.93	244043	0.013	0.06	117	5.5	6.39
89.99	90.83	0.84	244045	0.035	0.12	440	5.2	13.70
90.83	91.67	0.84	244046	0.026	0.19	512	2.7	8.18
91.67	92.20	0.53	244047	0.056	0.11	262	4.8	8.93
92.20	92.92	0.72	244048	0.014	0.07	95	5.6	8.93
92.92	93.75	0.83	244049	0.008	0.05	15	6.1	7.65
93.75	94.57	0.82	244050	0.007	0.06	4	3.4	3.47
94.57	95.28	0.71	244053	0.014	0.04	11	5.1	11.35
95.28	95.94	0.66	244055	0.009	0.04	14	28.7	1.29
95.94	96.40	0.46	244056	0.026	0.10	113	16.5	6.03
96.40	97.36	0.96	244057	0.012	0.05	3	15.5	3.33
97.36	97.95	0.59	244058	0.005	0.06	3	6.9	3.29
97.95	98.92	0.97	244059	0.005	0.04	37	11.3	4.73
98.92	99.65	0.73	244060	0.008	0.04	13	23.9	6.42
99.65	100.45	0.80	244061	0.008	0.05	20	23.4	5.78
100.45	101.05	0.60	244062	0.024	0.10	132	7.4	7.27
101.05	101.92	0.87	244063	0.015	0.08	9	8.6	9.81
101.92	102.63	0.71	244065	0.030	0.09	38	13.0	22.20
102.63	103.30	0.67	244066	0.013	0.11	12	9.3	8.69

Project: Werneckes **Hole Number:** UT07-12

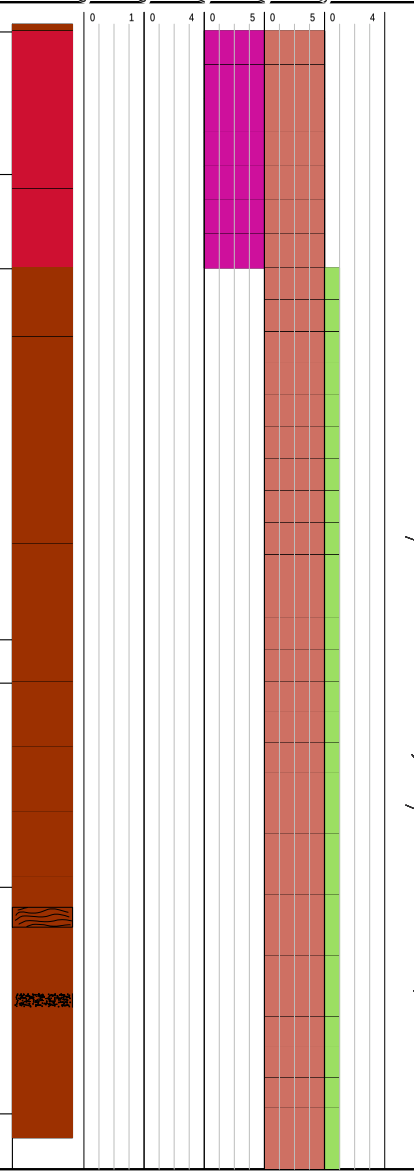
From	To	Rocktype & Description
		Moderately, patchy hematite; weak pervasive silicification. « Hematite 2.00*»
		« mg 7.00%» « Dolomite 2.00*» « Pyrite 2.00%»
		Trace chalco overall « Chalcopyrite 0.05%», confined to « qtz-dol-mag>chalco veining 2%» at moderate angles tca « veining 30-40°». Magnetite often occurs along selvages.
		Bedded on a 1cm scale; often expressed by magnetite; angle to Calcite increases gradually with depth. < @ 101.85 bedding 65° >< @ 105.00 bedding 75° >< @ 110.20 bedding 80° >
111.58	128.68	slts
		SILTSTONE.
		Dark red-brown dominating over grey; black speckles, patches/bands.. Similar to unit immediately above but more strongly hematized; hematization irregular in intensity, ranging from weak to intense. Below 113m, hematization uniformly strong.
		Weakly silicified overall, likewise slightly irregular in intensity.
		« Hematite 3.00*» « Silicification 1.00*» « mg 6.00%» « Dolomite 2.00*» « Pyrite 4.00%» « Specularite 0.50%»
		Pyrite is disseminated, fine- to medium-grained, subhedral.
		Unit very weakly anomalous with scint; up to 220 CPS at 116.0m. Seems to be a correlation between U and intense hematization.
		Minor « qtz-carb>mag-spec hem>py>chalco veining 1%». < @ 119.83 ~10cm vein 15° >
		Only trace chalco noted in unit, associated with veining.
		Very strong magnetite between « 116.40- 117.59 mg 20%».
		Nicely-bedded to 113m; below this, bedding extremely subtle.
		< @ 112.00 bedding 75° > < @ 114.10 bedding 85° > < @ 118.35 bedding 65° > < @ 122.60 bedding 60.00° >
		Contacts gradational.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm	
103.30	104.10	0.80	244067	0.082	0.18	751	16.6	25.80	
104.10	104.96	0.86	244068	0.009	0.06	47	8.3	12.95	
104.96	106.07	1.11	244069	0.007	0.06	25	6.5	6.18	
106.07	106.80	0.73	244070	0.014	0.06	103	7.1	7.15	75°
106.80	107.50	0.70	244071	0.016	0.07	407	7.6	6.55	
107.50	108.45	0.95	244072	0.028	0.07	366	8.3	7.97	
108.45	109.58	1.13	244073	0.060	0.12	1170	12.2	12.90	
109.58	110.45	0.87	244075	0.012	0.06	51	6.7	8.21	
110.45	111.58	1.13	244076	0.015	0.06	24	8.2	21.40	80°
111.58	112.17	0.59	244077	0.032	0.10	21	20.8	17.55	75°
112.17	112.96	0.79	244078	0.014	0.06	15	11.5	4.36	
112.96	113.59	0.63	244079	0.050	0.14	28	29.5	28.90	
113.59	114.37	0.78	244080	0.045	0.11	13	40.1	9.37	85°
114.37	115.21	0.84	244081	0.009	0.05	8	8.8	3.22	
115.21	115.61	0.40	244082	0.032	0.10	9	20.2	19.05	
115.61	116.20	0.59	244083	0.085	0.11	11	85.8	48.60	
116.20	116.77	0.57	244085	0.021	0.11	13	7.3	12.35	
116.77	117.59	0.82	244086	0.009	0.07	11	6.2	5.55	
117.59	118.39	0.80	244087	0.008	0.06	8	8.2	6.62	
118.39	119.14	0.75	244088	0.015	0.08	12	7.0	7.65	65°
119.14	119.66	0.52	244089	0.027	0.11	15	6.2	10.00	
119.66	120.20	0.54	244090	0.008	0.10	23	9.8	6.29	15°
120.20	120.48	0.28	244091	0.005	0.04	4	4.7	3.60	
120.48	120.90	0.42	244092	0.006	0.04	3	4.2	4.78	
120.90	121.85	0.95	244093	0.005	0.11	4	6.3	3.74	
121.85	122.70	0.85	244095	-0.005	0.04	4	6.9	2.39	60°
122.70	123.43	0.73	244096	-0.005	0.04	4	4.1	2.75	
123.43	124.36	0.93	244097	-0.005	0.05	2	6.0	1.91	
124.36	125.15	0.79	244098	-0.005	0.05	9	10.3	3.47	
125.15	125.85	0.70	244099	0.007	0.05	4	12.8	6.02	
125.85	126.67	0.82	244100	0.009	0.05	3	9.1	6.99	
126.67	127.41	0.74	244101	-0.005	0.06	2	6.0	10.00	
127.41	128.00	0.59	244102	0.010	0.08	4	11.6	11.80	
128.00	128.68	0.68	244104	0.020	0.11	6	10.3	14.90	

Project: Werneckes **Hole Number:** UT07-12

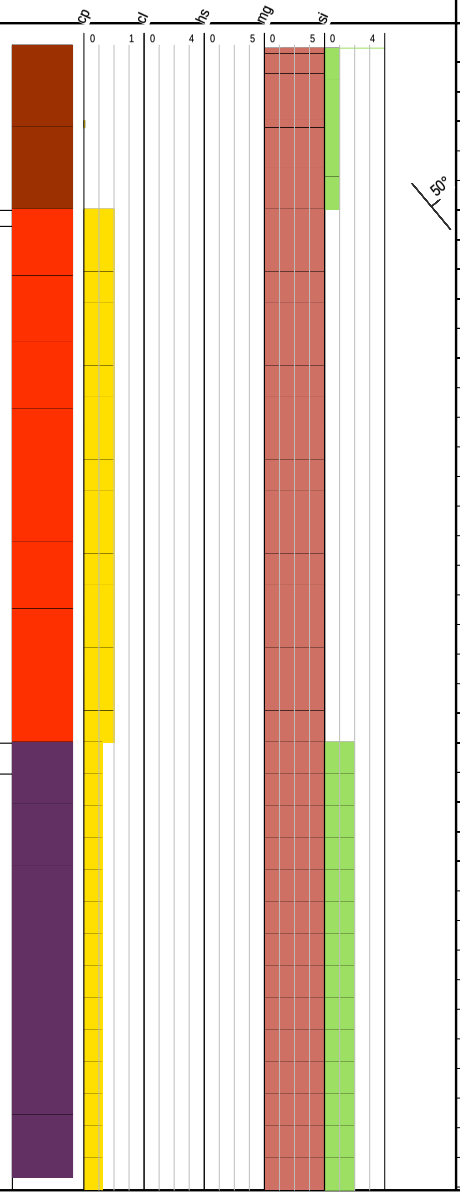
From	To	Rocktype & Description
128.68	130.86	mxMG
		SEMI-MASSIVE MAGNETITE.
		Black with dark red undertone; heavy core. Intensely magnetite-altered probable sediments. Some of magnetite replaced(?) by specular hematite. Moderate earthy hematite.
		« mg 50.00%» « Specularite 15.00%» « Pyrite 2.00%» « Dolomite 2.00*» « Hematite 2.00*»
		Contacts gradational.
130.86	135.47	slts
		SILTSTONE.
		Similar to unit between 111.58 - 128.68.
		Massive; bedding planes very rare.
		« Hematite 3.00*» « Silicification 1.00*» « Dolomite 1.00*» « mg 7.00%» « Pyrite 3.00%»
		No chalcopyrite noted in unit.
		Minor « qtz-carb>mag-spec hem-py veining 3%» at low core axis angles. Magnetite and Pyrite tend to favour selvages. < @ 133.91 5cm vein 20° >
		< @ 134.50 bedding 60° >
		NB. Bit contamination between 130.86 and 135.1.
135.47	149.84	slts
		SILTSTONE.
		Mottled red-brown and grey; more chaotic colouration than siltstones above.
		Bedding present only locally.
		Magnetite is generally finer-grained than noted above in hole. Minor sericite present in this unit.
		Trace chalcopyrite, in rare low-angle qtz-carb veins.
		« Hematite 2.00*» « Dolomite 2*» « Silicification 1.00*» « Sericite 1.00*» « mg 6.00%» « Pyrite 3.00%» « Chalcopyrite 0.01%»
		Poorly-defined short intervals of Wernecke Breccia (vague red-brown pebble-sized clasts) within this unit. « 140.44- 140.88 bht,m » « 142.35-142.65 bht,m »
		Upper contact abrupt; lower contact gradational.
		« 138.42- 138.85 Hematite 3*» « Sericite 2*»
		< @ 138.33 5cm qtz-dol>>mag-hs-py>cp vein 23° >
		« 146.41- 146.85 mg 20.00%» « Pyrite 12.00%» « 147.88- 148.04 mg 20.00%»
		< @ 137.50 probable bedding 50° >< @142.75 bedding 55° >< @ 149.70 bedding 50°



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
128.68	129.45	0.77	244105	0.023	0.16	54	6.4	64.90
129.45	130.15	0.70	244106	0.033	0.27	7	10.4	104.50
130.15	130.86	0.71	244107	0.062	0.41	8	15.0	63.10
130.86	131.50	0.64	244108	0.031	0.16	9	15.4	5.87
131.50	132.28	0.78	244109	0.022	0.15	6	9.7	4.36
132.28	133.03	0.75	244110	-0.005	0.06	5	6.2	2.26
133.03	133.73	0.70	244111	0.007	0.06	6	6.1	1.69
133.73	134.16	0.43	244112	0.011	0.09	15	13.2	1.52
134.16	134.64	0.48	244114	0.007	0.12	12	12.1	5.86
134.64	135.47	0.83	244115	0.015	0.13	11	16.4	14.85
135.47	136.12	0.65	244116	-0.005	0.05	4	15.2	5.65
136.12	137.40	1.28	244117	0.007	0.10	10	12.9	3.62
137.40	138.13	0.73	244118	0.014	0.18	10	14.7	8.41
138.13	138.85	0.72	244119	0.011	0.08	97	10.0	1.72
138.85	139.50	0.65	244120	0.059	0.50	451	26.8	47.60
139.50	140.40	0.90	244121	0.052	0.18	596	17.3	17.95
140.40	140.88	0.48	244122	0.069	0.21	1160	13.7	19.95
140.88	141.58	0.70	244124	0.045	0.45	416	32.4	26.80
141.58	142.65	1.07	244125	0.041	0.14	79	20.4	10.95
142.65	143.40	0.75	244126	0.041	0.15	60	17.2	12.85
143.40	144.10	0.70	244127	0.034	0.24	273	34.2	35.80
144.10	144.93	0.83	244128	0.071	0.17	1020	22.2	9.99
144.93	145.69	0.76	244129	0.043	0.13	440	19.3	12.70
145.69	146.41	0.72	244130	0.039	0.18	215	20.4	24.90
146.41	146.85	0.44	244131	0.180	0.68	353	17.2	8.09
146.85	147.75	0.90	244132	0.048	0.22	159	27.5	21.60
147.75	148.04	0.29	244134	0.053	0.24	679	34.7	8.14

Project: Werneckes **Hole Number:** UT07-12

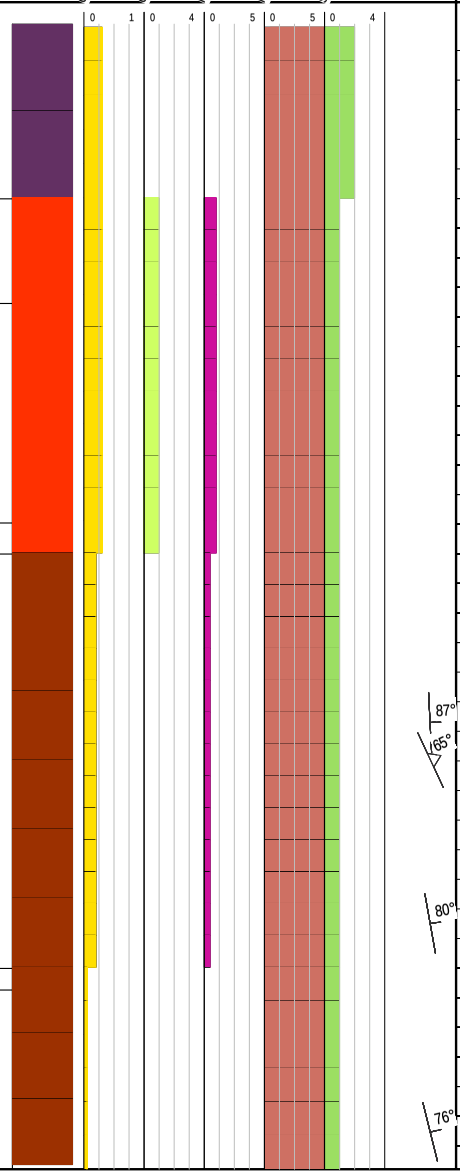
From	To	Rocktype & Description
		>
		NB: Core-Box 26 was dropped before logging (140.44 - 146.33m). Core in this box was quite competent so it was replaced in roughly the correct order; however it is possible that some pieces may be in the wrong place.
149.84	154.86	bht
		WERNECKE BRECCIA. Mottled red-brown, grey, blue-grey-green, black. Very chaotic and clasts (pebble-sized, subangular, red) discernible only locally. Moderate hematite staining; moderate sericitization (patchy, from weak to strong); moderate carbonate (non-reactive, dolomite); possible weak feldspar (kspar?) alteration. Nil to very weak silicification. « Hematite 2.00*» « Dolomite 2.00*» « Sericite 2.00*» « K-feldspar 1.00*» Magnetite, pyrite and chalco mineralization present: mag and Pyrite typically fine-grained, disseminated or in clusters/clots, and chalco in rare medium-grained concentrations and in low-angle qtz-carbonate veins. Trace malachite, in a vein and on one fracture surface (vein contact). « mg 8.00%» « Pyrite 5.00%» « Chalcopyrite 0.50%» « Malachite 0.01%» « qtz-carb (dol)>cp>hs-mag(selv) veining 4%»« veining 10-25°» « 154.70- 154.86 ~15cm qtz-dol w 3% chalco vein 25°»
154.86	157.59	bhm
		WERNECKE BRECCIA. Mottled deep red-brown, black, metallic grey-green, pale yellowish-grey. Clasts difficult to make out but seems to be more of an in-situ breccia that has been brecciated by py, mag, sericite, carbonate. Strong to intense hematite, moderate silicification (somewhat patchy), moderate patchy sericite, weak dolomite. Strong pyrite-magnetite>>chalcopyrite mineralization. Pyrite occurs in fine-grained irregular clots, magnetite is in fine- to medium-grained clusters, chalco is medium-grained and generally associated with magnetite (not in veins). « Hematite 4.00*» « Silicification 2.00*» « Sericite 2.00*» « Dolomite 1.00*» « mg 6.00%» « Pyrite 10.00%» « Chalcopyrite 0.30%» Unit is anomalous on scintillometer, with 250- 300 CPS (in box) from « 156.30- 156.70 U mineralization ». This section is a particularly deep red hue and



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
148.04	148.82	0.78	244135	0.023	0.11	85	14.0	7.47
148.82	149.23	0.41	244136	0.051	0.10	889	15.1	17.05
149.23	149.84	0.61	244137	0.019	0.10	123	13.0	14.70
149.84	150.55	0.71	244138	0.043	0.10	1050	10.3	23.20
150.55	151.35	0.80	244139	0.097	0.14	1780	15.7	13.55
151.35	152.27	0.92	244140	0.149	0.35	3640	71.5	22.20
152.27	152.84	0.57	244141	0.166	0.42	1770	84.2	22.00
152.84	153.42	0.58	244142	0.139	0.29	2820	51.2	12.95
153.42	154.24	0.82	244144	0.200	0.53	6070	35.9	23.70
154.24	154.89	0.65	244145	0.151	0.31	3200	27.0	17.35
154.89	155.51	0.62	244146	0.144	0.40	3080	26.7	94.60
155.51	156.12	0.61	244147	0.174	1.06	5000	35.1	41.60
156.12	156.46	0.34	244148	0.372	1.09	4240	141.0	28.80
156.46	157.02	0.56	244149	0.495	1.01	5150	107.0	26.00
157.02	157.59	0.57	244150	0.305	1.02	7010	101.0	113.50

Project: Werneckes **Hole Number:** UT07-12

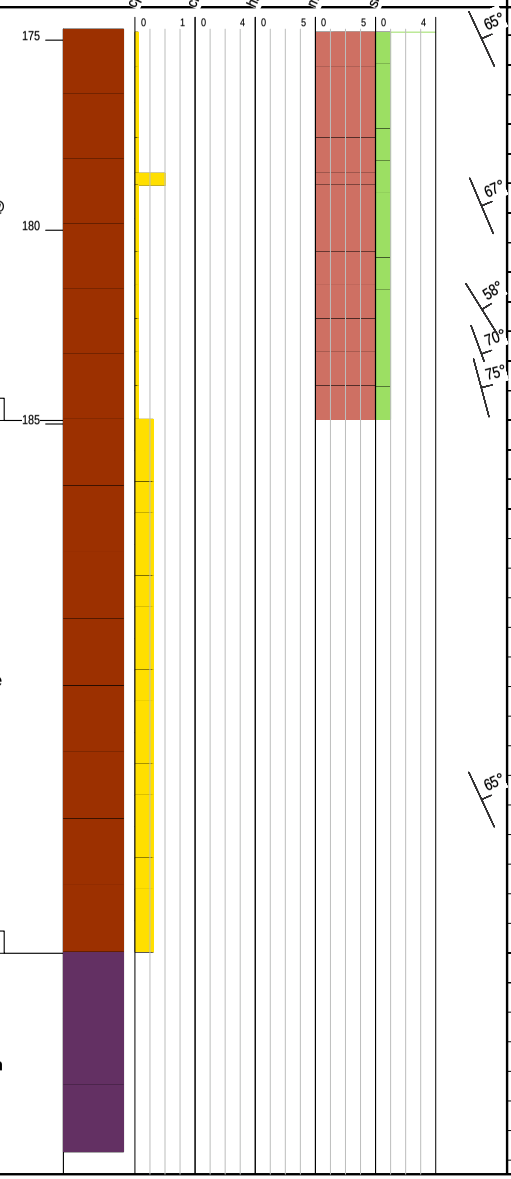
From	To	Rocktype & Description
		contains abundant pyrite. Trace fluorite noted; piece with fluorite taken for thin section (156.7m). Trace « 154.86- 157.59 dol-qtz-py-mag veining 0.5%». < @ 155.90 micro- fault 45° >
157.59	165.68	bht
		WERNECKE BRECCIA. Red-brown to green-grey. Only ~10% discrete (reddish) clasts seen, if other clasts present they have been obscured by alteration. « Hematite 2.00*» « Silicification 1.00*» « Chlorite 1.00*» « Sericite 2.00*» « Dolomite 2.00*» « possible K-feldspar 1.00*» « mg 5.00%» « Specularite 1.00%» « Pyrite 1.00%» « Chalcopyrite 0.30%» Magnetite and pyrite mineralization strongest in more hematized sections, which are more prevalent in upper half of unit. Nil veining. Contacts gradational.
165.68	169.40	slts
		SILTSTONE. Red-brown to olive green, often in alternating bands that express bedding. Locally brecciated. « Hematite 2.00*» « Sericite 3*» « Silicification 1.00*» « Dolomite 2.00*» « mg 6.00%» « Pyrite 1.00%» « Specularite 0.50%» « (in veining) Chalcopyrite 0.2%» « irregular qtz>>dol-+/-mag+/-cp veining 5.00%»; including < @ 167.52 1cm qtz w 20% chalco vein 65° >. < @ 167.20 bedding 87° >< @ 169.00 bedding 80° > NB. Minor bit contamination at 167.85.
169.40	184.97	slts
		SILTSTONE. Light green-grey, with black and dark red-brown patches. Bedding weakly to moderately expressed. « Silicification 1.00*» « Sericite 2.00*» « Dolomite 1.00*» « mg 6.00%» « Hematite 1.00*» « Pyrite 1.00%» « Chalcopyrite 0.05%» Pyrite is very fine-grained and associated with magnetite, which is both



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
157.59	158.21	0.62	244151	0.078	0.36	2450	17.4	30.00
158.21	158.87	0.66	244152	0.023	0.12	642	6.4	11.60
158.87	159.60	0.73	244154	0.022	0.09	512	7.6	14.90
159.60	160.23	0.63	244155	0.010	0.06	110	7.0	11.35
160.23	161.25	1.02	244156	-0.005	0.07	155	6.1	9.77
161.25	161.76	0.51	244157	0.006	0.05	173	5.0	10.80
161.76	162.56	0.80	244158	0.009	0.04	12	4.5	6.35
162.56	163.25	0.69	244159	0.015	0.05	3	6.8	2.07
163.25	164.30	1.05	244160	0.010	0.05	31	6.9	6.21
164.30	165.14	0.84	244161	0.008	0.08	85	7.7	9.39
165.14	165.60	0.46	244162	0.009	0.04	40	9.8	3.43
165.60	166.28	0.68	244164	-0.005	0.03	43	7.2	5.59
166.28	167.30	1.02	244165	0.012	0.06	57	8.0	7.70
167.30	167.94	0.64	244166	0.006	0.03	16	8.7	2.88
167.94	168.73	0.79	244167	0.042	0.44	873	30.6	23.10
168.73	169.40	0.67	244168	-0.005	0.03	18	7.2	8.00
169.40	170.19	0.79	244169	-0.005	0.05	9	7.0	12.70
170.19	171.04	0.85	244170	0.019	0.04	10	7.5	1.70
171.04	171.69	0.65	244171	0.014	0.04	11	8.7	2.09
171.69	172.60	0.91	244172	0.032	0.19	943	11.8	18.35
172.60	173.56	0.96	244174	0.046	0.17	1000	8.6	21.10
173.56	174.52	0.96	244175	0.063	0.78	797	19.1	32.60
174.52	174.82	0.30	244176	-0.005	0.08	586	4.7	4.28

Project: Werneckes **Hole Number:** UT07-12

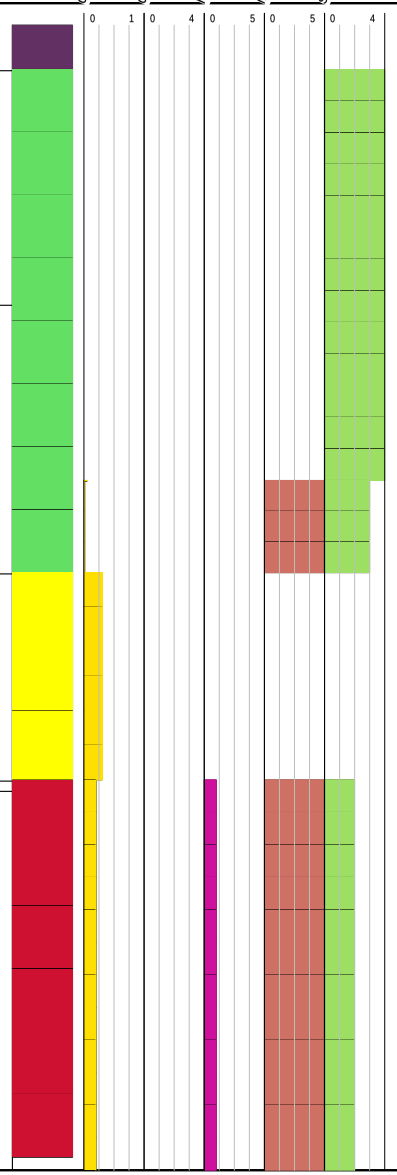
From	To	Rocktype & Description
		disseminated and in fine-grained bands parallel to bedding.
		« 178.50- 178.81 Chalcopyrite 0.5%» « purple-red Hematite 4*» « Pyrite 3.00%»
		« mg 12.00%»
		Minor veining « 169.40- 184.97 qtz-dol-mag-hs-cp veining 2%», at various
		orientations but generally at low angles tca. « 169.40- 189.47 veining
		5.00-40.00°»
		< @ 173.70 bedding 76° >< @ 174.90 bedding 65° >< @ 179.30 bedding 67° >< @
		183.20 bedding 70° >
184.97	188.34	slts
		PYRITIZED SILTSTONE.
		Slightly bleached appearance, pale grey-green, locally yellow tinge.
		laminations/probable bedding noted in places; but also isolated clasts,
		suggesting that the unit is transitional to a monolithic breccia.
		Metasomatized, with probable moderate albite, strong pervasive dolomite,
		moderate sericite.
		« Dolomite 3.00*» « Albite 2.00*» « Sericite 2.00*»
		Pyrite occurs both disseminated and in isolated extremely fine-grained bands,
		often conformable to/expressing bedding(/); the highest concentration of pyrite
		within the top 15cm of the unit.
		MInor chalco; nil to trace magnetite. Trace veining.
		« Pyrite 8.00%» « Chalcopyrite 0.30%» « Limonite 1.00*»
		< @ 182.00 bedding 58° >
		< @ 184.10 bedding 75° >
		< @ 187.36 bedding 65° >
188.34	188.72	bhm
		METASOMATIZED MONOLITHIC BRECCIA.
		Mottled blue-green-grey (matrix), brown, grey (clasts).
		Ranges from a crackle to a matrix-supported breccia over <40cm. Looks like an
		in-situ breccia with metasomatizing fluids creating matrix.
		« Sericite 3.00%» « Silicification 3.00*» « Albite 1.00*» « Dolomite 1.00*»
		« Pyrite 10.00%» « Chalcopyrite 0.05%»



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
174.82	175.33	0.51	244177	-0.005	0.05	124	5.3	10.60
175.33	175.90	0.57	244178	0.007	0.05	109	6.3	13.10
175.90	176.60	0.70	244179	0.116	0.04	257	5.6	10.35
176.60	177.35	0.75	244180	0.085	0.35	438	15.4	31.60
177.35	177.71	0.36	244181	0.030	0.05	197	5.0	7.40
177.71	178.40	0.69	244182	0.014	0.05	236	7.8	10.60
178.40	179.40	1.00	244184	0.094	0.52	1330	13.7	31.50
179.40	180.42	1.02	244185	0.068	0.33	1110	17.5	24.70
180.42	181.10	0.68	244186	0.036	0.16	1470	7.6	11.95
181.10	182.30	1.20	244187	0.027	0.11	1430	7.1	22.00
182.30	183.50	1.20	244188	0.037	0.21	1750	10.4	20.80
183.50	184.13	0.63	244189	0.046	0.36	4160	12.2	32.40
184.13	184.97	0.84	244190	0.011	0.17	1700	6.2	4.37
184.97	185.82	0.85	244191	0.035	0.73	2010	8.0	14.35
185.82	186.63	0.81	244192	0.013	0.29	2390	3.7	11.95
186.63	187.34	0.71	244193	0.038	0.74	14950	4.8	21.90
187.34	188.30	0.96	244195	0.012	0.27	6180	4.0	12.35
188.30	188.70	0.40	244196	0.015	0.50	4150	3.7	19.65

Project: Werneckes **Hole Number:** UT07-12

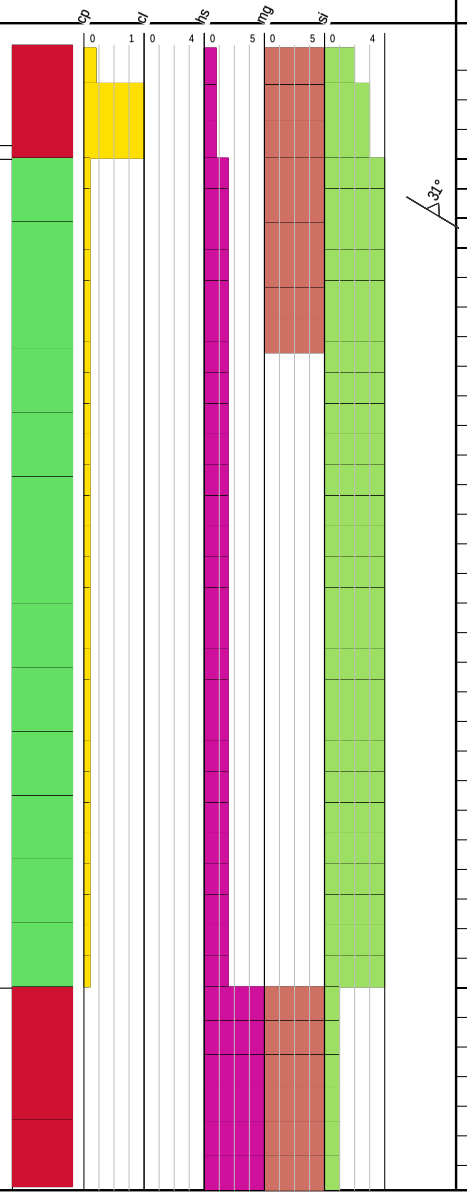
From	To	Rocktype & Description
		Contacts reasonably sharp. < @ 188.34 Upper contact 65° >
188.72	191.45	mts
		METASOMATIZED SEDIMENTS(?).
		Predominantly dark grey, with light grey, speckled black, yellow-brown,
		metallic greenish-yellow patches/sections.
		Intensely altered, impossible to be sure of protolith. Occasional laminations
		that are probably remnant bedding. But also, rare possible clasts noted,
		suggesting that this unit is transitional to a breccia.
		Intense silica, strong pyritization; bottom 0.5m of unit magnetite-bearing.
		« Silicification 4.00*» « Sericite 1.00*» « Dolomite 1.00*» « Albite 1.00*»
		« Pyrite 17.00%» « 190.95- 191.45 mg 20.00%» « Limonite 1.00*» « Chalcopyrite
		0.01%» (chalco in qtz vein only)
		< @ 190.05 Bedding 75.00° > < @ 191.37 Bedding 65.00° >
		< @ 188.72 Upper contact 70.00° >
		< @ 190.20 3cm qtz-pyrite>>cp vein 15.00° >
191.45	194.88	MXSX
		SEMI-MASSIVE PYRITE.
		Mottled metallic greenish-yellow, grey.
		Pyrite in large irregular clots. « Pyrite 50.00%» « Chalcopyrite 0.30%»
		« Silicification 3.00*» « Dolomite 2.00*» « Sericite 1.00*»
194.88	200.13	mxMG
		SEMI-MASSIVE MAGNETITE.
		Densely speckled black on off-white. Moderately increasing to strongly
		silicified downhole, probable albitization. Pyrite in large fine-grained
		clots.
		« suspected Albite 2.00*» « Dolomite 1.00*» « Sericite 1.00*» « 194.88- 199.35
		Silicification 2.00*»
		« mg 40.00%» « Pyrite 10.00%» « Specularite 1.00%» « 194.88- 199.35
		Chalcopyrite 0.20%»
		Minor supergene Fe-oxidation « Limonite 1.00*» « Hematite 1*»
		To 199.35 « 194.88- 199.35 qtz+/-dol+/-chalco veining 3%»; chalco prefers qtz
		veinlets oriented « 55-70°».
		Below 199.35 « qtz-chalco veining 7%» « veining 55-75°»« 199.35- 200.13
		Silicification 3.00*»« Chalcopyrite 2.00%». Veining as veinlets <1cm width.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
188.74	189.31	0.57	244197	0.047	4.73	2890	4.4	9.82
189.31	189.97	0.66	244198	0.023	1.53	1130	6.8	14.35
189.97	190.25	0.28	244199	0.010	1.18	264	18.9	43.80
190.25	191.45	1.20	244200	0.015	0.85	1000	20.0	109.50
191.45	192.33	0.88	244201	0.041	3.50	477	15.4	42.40
192.33	193.07	0.74	244202	0.019	1.91	331	8.1	31.50
193.07	193.90	0.83	244203	0.021	1.33	206	12.8	83.20
193.90	194.42	0.52	244205	0.024	2.65	240	15.9	337.00
194.42	194.98	0.56	244206	0.033	1.82	184	17.7	101.50
194.98	195.83	0.85	244207	0.015	0.59	561	9.1	56.80
195.83	196.60	0.77	244208	0.016	0.69	300	12.6	66.60
196.60	197.25	0.65	244209	-0.005	0.18	336	15.3	19.50
197.25	198.26	1.01	244210	0.008	0.43	121	16.0	25.80
198.26	198.77	0.51	244211	0.007	0.67	184	12.0	59.70
198.77	199.35	0.58	244212	0.019	2.21	433	10.7	61.80
199.35	199.77	0.42	244214	-0.005	0.81	6730	3.4	26.90
199.77	200.13	0.36	244215	0.084	11.45	5470	20.2	40.20

Project: Werneckes **Hole Number:** UT07-12

From	To	Rocktype & Description
		Some chalco also medium-grained, disseminated; mineral most abundant in upper portion of unit. < @ 198.35 micro- fault 75.00° >
200.13	202.13	mts
		METASOMATIZED SEDIMENTS. Mottled mixture of dark grey, dark reddish purple, orange to pale yellowish orange. Intensely silicified throughout, with moderate earthy hematite alteration and weak dolomite. Orange yellow alteration mainly associated with quartz replacement of host sediments, forming as halos or hosted within the quartz, and stronger orange is commonly related to pyrite mineralization. Pyrite mineralization, locally up to 25% and as 1% disseminated pyrite, is associated with carbonate(mainly ankerite replacement) veinlets and veins, also hosting 5% chalco within veinlets. Mineralization: « mg 10.00%» , « Chalcopyrite 0.1%» , strongest near bottom and top of section, with little chalcopyrite hosted in central region. « Pyrite 1.00-5.00%» hosted as disseminations, with semi massive pyrite replacement of carbonate veins and veinlets < @ 200.65 vein replacement Pyrite 25% >, and < @ 201.80 vein replacement Pyrite 20% > Alteration: « Silicification 4.00*», « Specularite 2.00%» « Dolomite 1*» Veining: « carbonate veinlets 2% 1-3mm», erratic in nature, hosting pyrite and chalco in varying amounts, mentioned above. < @ 200.25 carbonate+/-chalco veinlet 31° 1mm > Lower contact is defined by increase in magnetite and dolomite alteration, with a brecciated texture.
202.13	202.61	mxMG
		SEMI MASSIVE MAGNETITE. (Logged by T. Branson to EOH) Dark grey. Massive magnetite with carbonate+/-quartz veins hosting pyrite creating brecciated texture of magetite+/-hematite clasts. Mineralization: « mg 40.00%» , « Specularite 5.00%» replacement of host sediment

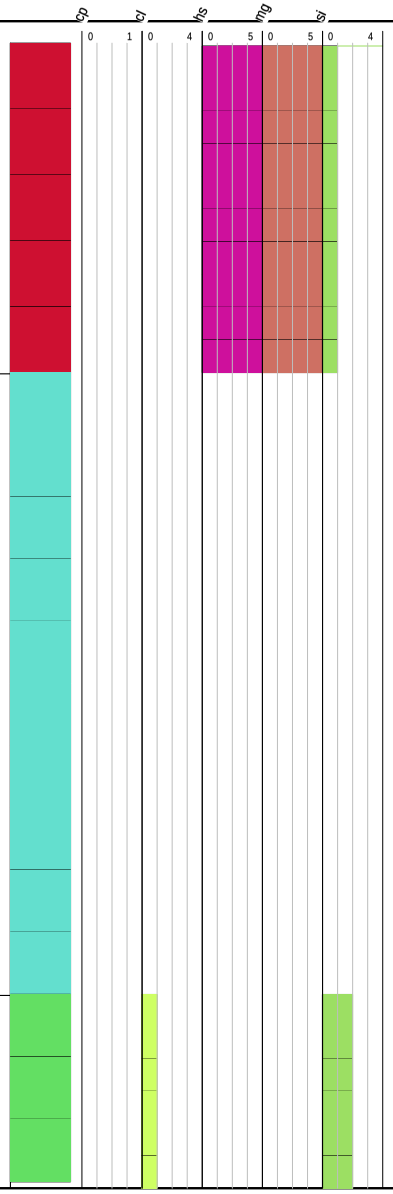


From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
200.13	200.60	0.47	244216	0.030	4.21	2680	11.0	19.95
200.60	201.35	0.75	244217	0.011	1.24	231	9.7	71.10
201.35	201.60	0.25	244218	0.025	2.35	205	13.9	108.50
201.60	202.13	0.53	244219	0.012	1.06	120	9.4	99.20
202.13	202.60	0.47	244220	0.012	0.71	162	11.7	114.50

Project: Werneckes

Hole Number: UT07-12

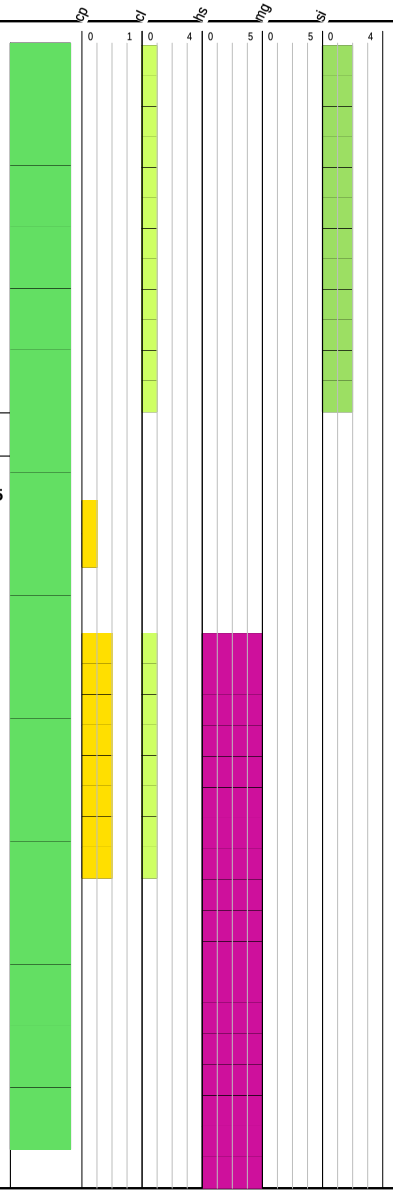
From	To	Rocktype & Description
		« Pyrite 1.00-3.00%», forms as selvage of veining and as disseminations throughout. Pyrite at bottom contact totally replaces veins. Alteration: « Silicification 1.00*» Veining: « carbonate+/-quartz veining 10.00% 2.00-10.00mm» Lower contact is characterized by change in colour and is moderately sharp. Appears as if it may be a carbonate vein cutting through seds.
202.61	203.50	dol
		CARBONATE VEIN? Light orange. Coarse-grained carbonate vein with pyrite selvage. Microfracturing throughout along cleavage planes. Pyrite is more abundant at the bottom portion of section with up to 20% hosted as selvage. Mineralization: « Pyrite 2-10%» Alteration: « carbonate (ankerite?) 3.00*» , weakly fizzes with HCl Structure: < @ 202.70 fault 47° 5cm >, gossannous fault gouge < @ 202.90 fault 43° 2cm > Lower contact is characterized by change to gossanous rock grading into albitized sediments
203.50	204.90	mts
		METASOMATIZED SEDIMENTS. Orange to pale yellowish green. Highly gossanous at top of section grading into strong albite, moderate silica, weak chlorite. Brecciated appearance « breccia texture » for 50cm from 204.40, with moderate sericite alteration. Mineralization:



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
202.60	203.75	1.15	244221	0.009	0.52	174	30.3	35.00
203.75	204.90	1.15	244222	0.005	0.08	278	23.7	4.71

Project: Werneckes **Hole Number:** UT07-12

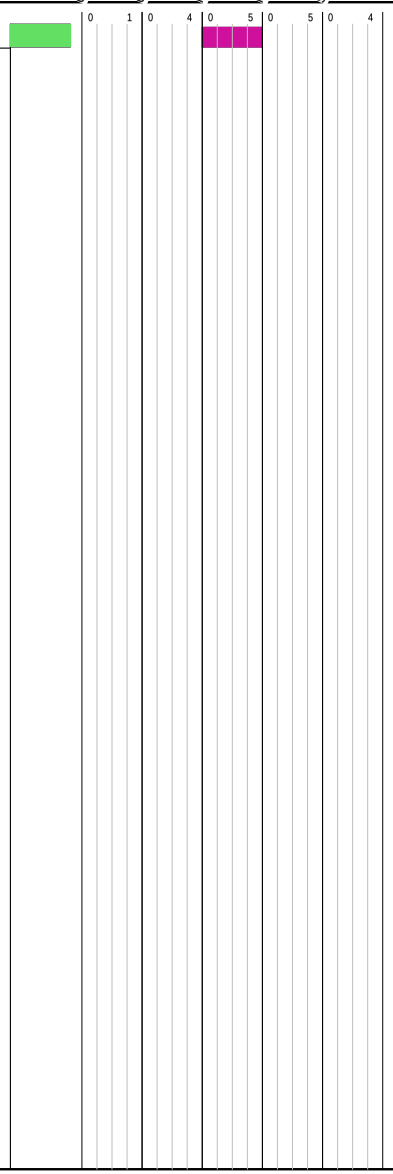
From	To	Rocktype & Description
		« Pyrite 0.01%» ,trace Alteration: « Albite 3.00*», « Silicification 2.00*», « Chlorite 1.00*», chlorite mainly forms along fractures, whereas albite is pervasive. « 204.40- 204.90 Sericite 2.00*» Structure: < @ 204.15 fracture 50° > < @ 204.20 fracture 65° > Lower contact is heavily fractured, but semi-discrete < @ 204.90 contact 55° >
204.90	206.70 mts	
		METASOMATIZED SEDIMENTS. Locally dark grey, purplish red, dull pinkish grey to light grey. Locally massive magnetite< @ 204.90 massive magnetite 80% 20cm > and hematite< @ 205.25 massive hematite 80% 15cm >. Locally strong potassic and albitic alteration. Mineralization: « 205.10- 205.25 Pyrite 10.00%», « Chalcopyrite 0.25%» « 205.40- 205.95 Chalcopyrite 0.5%», forming in carbonate veinlets « 205.40- 206.70 Specularite 5.00%» Alteration: « Albite 3.00*» , between massive magnetite and hematite « 205.40- 205.95 K-feldspar 3.00*» , « Chlorite 1.00*» Structure: < @ 206.12 Flow banding texture 50.00° >, with hematite grains forming along bands. Could be original bedding? Veining: « 205.40- 206.70 carbonate+/-quartz veinlets 1% 2-5mm», hosts chalco, mentioned above. E.O.H.



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm
204.90	205.40	0.50	244224	0.012	0.80	1210	11.4	116.50
205.40	205.95	0.55	244225	0.097	0.61	2400	9.4	27.20
205.95	206.70	0.75	244226	0.031	0.10	174	6.1	14.05

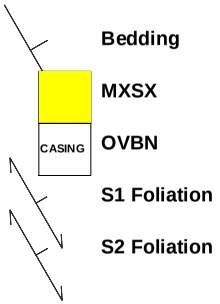
Project: Werneckes **Hole Number:** UT07-12

From	To	Rocktype & Description
206.70	206.70	EOH



From	To	Width	Sample	Au ppm	Ag ppm	Cu ppm	U ppm	Mo ppm

Drill Log Legend



Bedding

MXSX

CASING OVBN

S1 Foliation

S2 Foliation

bhm

bht

bht,m

bht,m

dol

mts

mxMG

slts

vein

Appendix I.1: Certificates of Analysis Core

Geochemistry

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 19-JUN-2007
Account: EIAFRG

CERTIFICATE TR07054295

Project: Werneckes

P.O. No.: FRG07-01

This report is for 33 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-MAY-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

ALS Chemex
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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 19-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054295

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844001		3.46	<0.005	0.03	7.40	1.9	990	2.53	0.05	3.68	0.02	115.00	9.0	52	2.60	129.0
E844002		5.72	<0.005	0.03	7.96	0.5	940	2.40	0.04	5.29	<0.02	85.30	6.4	41	2.24	168.5
E844003		6.52	<0.005	0.03	7.48	0.7	1570	2.41	0.08	4.47	0.02	35.80	5.8	45	2.73	419.0
E844004		5.88	<0.005	0.04	7.78	0.6	970	3.22	0.10	5.41	<0.02	27.30	6.7	41	3.16	555.0
E844005		7.15	<0.005	0.04	7.50	<0.2	860	2.00	0.05	6.13	0.02	26.20	6.4	40	1.94	444.0
E844006		6.52	<0.005	0.01	7.71	0.7	1210	2.96	0.02	4.67	<0.02	65.10	6.0	34	3.43	36.7
E844007		6.89	<0.005	0.06	7.20	0.4	2300	1.52	0.02	6.08	0.02	28.30	7.9	33	1.92	109.5
E844008		1.71	<0.005	0.02	7.60	<0.2	1490	0.60	0.02	6.62	<0.02	10.25	12.4	60	0.86	31.6
E844009		5.79	<0.005	0.03	7.56	0.7	2190	1.57	0.03	4.17	<0.02	28.00	6.3	34	2.03	49.2
E844010		7.06	<0.005	0.03	7.09	0.4	1380	1.76	0.04	5.20	0.02	23.50	7.1	40	1.81	213.0
E844011		7.00	<0.005	0.03	7.53	<0.2	1320	1.68	0.11	4.58	0.02	37.90	7.6	44	2.21	691.0
E844012		7.48	<0.005	0.02	7.65	0.8	1160	2.65	0.06	3.42	<0.02	31.10	8.5	41	2.38	78.4
E844013		7.08	0.008	0.02	7.74	0.4	1020	2.63	0.06	3.43	<0.02	38.80	6.0	44	2.07	243.0
E844014		6.84	<0.005	0.04	8.06	0.8	1920	2.12	0.03	2.44	<0.02	23.40	6.5	46	2.13	128.0
E844015		6.49	0.006	0.03	8.22	0.9	1840	2.32	0.22	2.14	<0.02	22.20	7.4	42	2.97	365.0
E844016		0.90	0.028	0.13	7.47	1.2	2880	0.36	1.67	0.23	<0.02	3.57	4.9	36	1.69	6650.0
E844017		1.33	0.008	0.02	8.30	0.6	2060	1.12	0.08	1.04	<0.02	3.35	3.6	52	1.49	228.0
E844018		4.57	<0.005	0.06	7.55	0.6	2040	0.78	0.03	2.19	<0.02	4.66	5.9	43	1.04	53.7
E844019		0.08	0.897	36.10	4.40	1295.0	500	0.78	33.40	6.65	0.06	25.30	43.1	277	1.15	4240.0
E844020		6.72	0.006	0.06	7.81	1.1	940	2.68	0.09	4.12	<0.02	52.70	6.5	44	1.99	141.0
E844021		1.88	<0.005	0.04	8.09	0.8	1450	2.91	0.04	4.62	<0.02	54.00	8.6	45	2.71	115.5
E844022		1.13	0.008	0.03	7.99	1.2	810	2.83	0.10	5.95	<0.02	58.80	20.8	40	2.32	691.0
E844023		4.00	0.086	0.06	7.02	4.8	930	2.60	0.44	5.89	<0.02	104.50	38.3	38	2.11	2310.0
E844024		7.19	<0.005	0.02	7.51	0.2	1250	2.98	0.03	3.54	<0.02	66.60	7.8	43	2.62	53.2
E844025		7.41	0.006	0.02	7.33	0.6	2340	1.84	0.13	4.09	<0.02	66.50	5.8	34	2.31	504.0
E844026		6.58	<0.005	0.03	7.76	1.0	2520	2.52	0.04	2.52	<0.02	50.90	5.5	39	2.72	95.0
E844027		0.07	<0.005	0.03	0.05	<0.2	10	0.11	<0.01	0.01	<0.02	2.71	0.1	1	<0.05	1.0
E844028		6.69	0.010	0.05	7.13	<0.2	2400	1.79	0.14	6.28	0.02	30.50	6.1	38	1.77	1095.0
E844029		6.55	0.020	0.02	6.82	<0.2	2570	1.07	0.10	6.02	0.02	37.70	6.7	35	1.13	911.0
E844030		6.01	<0.005	<0.01	7.40	0.9	3260	1.40	0.04	3.64	<0.02	181.50	6.2	45	1.58	189.5
E844031		5.15	0.044	<0.01	7.35	0.5	1720	2.27	0.08	3.56	<0.02	22.30	5.8	37	1.48	845.0
E844032		3.56	0.005	<0.01	7.74	0.7	2600	1.84	0.03	1.12	<0.02	32.50	5.9	42	1.69	65.6
E844033		3.67	<0.005	<0.01	7.63	0.5	2630	1.69	0.03	1.11	<0.02	27.50	6.8	44	1.59	49.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844001		2.03	20.30	0.12	2.1	0.023	3.61	61.3	13.1	0.94	608	0.38	2.41	7.0	29.5	740
E844002		1.49	20.70	0.10	1.9	0.023	3.28	45.1	9.4	0.85	877	0.73	2.97	7.3	23.8	750
E844003		0.98	18.45	0.09	1.5	0.025	5.20	19.4	9.4	0.64	917	1.43	1.63	7.6	18.9	610
E844004		1.11	17.50	0.07	1.7	0.023	3.45	15.2	11.2	0.90	1150	37.50	2.32	6.3	17.1	930
E844005		0.97	17.00	0.06	1.4	0.019	2.88	14.7	8.7	0.77	1190	2.41	2.66	6.0	18.6	680
E844006		1.16	15.80	0.10	1.9	0.019	4.14	36.7	10.6	0.78	1035	0.43	1.92	7.2	14.5	830
E844007		1.25	18.25	0.09	1.7	0.014	5.06	15.8	7.7	0.88	1475	3.85	0.98	5.7	21.9	770
E844008		1.83	30.20	0.07	1.6	0.010	3.78	5.9	3.9	1.45	1480	12.75	0.63	4.9	45.6	780
E844009		0.99	18.00	0.08	1.9	0.016	5.46	15.8	7.7	0.72	826	1.45	1.21	8.0	17.4	680
E844010		0.96	18.00	0.07	1.9	0.018	4.30	12.6	8.0	0.72	1025	1.22	1.95	7.6	20.6	770
E844011		1.22	18.50	0.09	1.8	0.025	4.45	20.8	9.8	0.81	938	1.32	1.63	7.9	21.0	930
E844012		1.15	19.90	0.07	2.3	0.032	3.62	15.9	13.4	0.77	651	0.47	2.97	8.2	23.8	570
E844013		0.95	20.70	0.09	2.0	0.029	3.86	20.7	7.6	0.52	692	1.84	3.11	7.5	19.2	660
E844014		0.75	22.10	0.09	1.8	0.030	5.49	11.9	4.9	0.40	501	6.54	2.15	8.5	18.0	760
E844015		0.95	21.60	0.08	1.4	0.026	5.02	11.1	8.4	0.57	498	15.45	2.41	6.9	23.0	690
E844016		1.20	16.05	0.10	1.7	0.051	7.45	2.0	1.2	0.34	50	75.80	0.78	6.6	15.1	630
E844017		0.57	21.30	0.07	1.8	0.018	6.80	1.7	2.0	0.30	170	113.00	1.73	9.2	18.7	1120
E844018		0.82	21.20	0.07	1.1	0.010	5.51	2.5	1.6	0.53	377	35.60	1.65	5.7	25.4	750
E844019		4.14	13.10	0.19	0.7	0.202	1.39	18.7	12.5	0.81	1715	701.00	0.63	1.7	19.5	550
E844020		0.87	20.70	0.09	1.4	0.029	3.22	28.1	6.2	0.58	797	9.68	3.38	6.9	19.2	420
E844021		1.29	20.00	0.09	2.1	0.036	4.44	30.5	12.1	0.87	809	6.71	2.37	6.7	20.0	700
E844022		1.96	17.25	0.08	3.0	0.024	2.66	34.2	16.4	1.51	1125	9.37	2.76	4.4	27.8	660
E844023		2.13	16.65	0.12	1.9	0.051	3.50	57.2	12.3	1.10	1050	26.40	1.68	6.7	23.8	1480
E844024		1.46	19.90	0.09	1.7	0.026	4.47	34.8	13.7	0.92	695	0.80	1.82	7.7	25.1	570
E844025		1.00	18.75	0.11	1.7	0.022	5.75	38.5	8.6	0.64	834	8.52	1.35	7.4	18.5	570
E844026		0.93	21.40	0.11	2.2	0.019	6.41	26.1	7.8	0.62	469	15.05	1.45	8.8	18.4	650
E844027		0.02	0.18	<0.05	0.8	<0.005	0.01	1.5	2.2	<0.01	<5	0.08	<0.01	0.1	0.5	20
E844028		1.11	16.80	0.15	1.6	0.021	5.47	16.6	6.4	0.69	1060	23.60	1.15	6.7	20.3	510
E844029		1.04	16.90	0.14	1.6	0.014	5.06	22.6	4.5	0.69	963	32.40	1.04	5.3	21.1	610
E844030		0.98	19.95	0.18	2.1	0.019	5.89	109.0	7.4	0.64	563	54.30	1.36	8.2	20.6	740
E844031		0.94	17.50	0.10	3.3	0.021	4.53	11.5	6.8	0.52	561	7.82	2.48	10.1	18.1	530
E844032		0.89	22.00	0.10	2.8	0.023	6.04	18.5	7.4	0.52	228	0.79	1.36	9.4	18.6	580
E844033		0.94	20.70	0.11	2.6	0.020	5.97	15.4	7.4	0.57	235	0.71	1.30	8.2	18.8	490

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844001		3.6	161.5	<0.002	0.02	0.66	10.4	2	2.0	74.5	0.59	0.05	15.4	0.171	0.30	1.6
E844002		3.1	121.0	<0.002	0.01	0.53	11.2	2	1.9	91.2	0.58	<0.05	15.4	0.156	0.25	1.2
E844003		3.9	180.0	<0.002	0.02	0.69	9.2	2	1.8	82.0	0.62	<0.05	15.0	0.158	0.40	1.0
E844004		3.3	136.5	0.002	0.04	0.65	10.2	2	1.2	108.5	0.51	0.06	13.7	0.129	0.35	2.3
E844005		3.4	106.5	<0.002	0.02	0.49	11.1	2	1.4	88.8	0.48	0.05	14.3	0.138	0.25	1.1
E844006		3.0	172.5	<0.002	0.02	0.76	7.9	2	1.3	92.2	0.59	<0.05	17.1	0.141	0.38	2.0
E844007		2.8	165.0	<0.002	0.03	0.56	11.4	2	1.7	122.5	0.48	<0.05	17.6	0.129	0.32	1.5
E844008		2.4	105.0	<0.002	0.01	0.29	19.9	2	2.4	163.5	0.38	<0.05	13.3	0.170	0.19	1.0
E844009		2.7	173.0	<0.002	0.02	0.56	9.2	2	2.1	96.9	0.61	<0.05	17.3	0.157	0.30	1.3
E844010		3.6	129.5	<0.002	0.03	0.50	10.6	2	1.8	87.8	0.58	<0.05	16.4	0.151	0.28	1.0
E844011		3.0	150.5	<0.002	0.04	0.74	10.8	2	2.3	82.8	0.64	0.07	17.9	0.172	0.31	1.4
E844012		4.2	137.0	<0.002	0.02	0.77	9.9	2	2.2	74.0	0.66	<0.05	15.6	0.156	0.28	1.4
E844013		4.0	132.5	<0.002	0.03	0.57	8.8	2	1.9	70.5	0.60	0.05	14.0	0.152	0.26	1.5
E844014		4.7	181.5	<0.002	0.02	0.63	10.8	2	2.6	71.8	0.69	<0.05	16.0	0.190	0.34	1.1
E844015		6.0	170.0	<0.002	0.01	0.73	10.2	2	2.0	81.4	0.55	0.07	14.0	0.163	0.35	1.1
E844016		8.1	202.0	<0.002	0.37	0.96	7.3	6	1.6	81.5	0.53	0.58	15.8	0.130	0.44	2.2
E844017		3.8	168.5	<0.002	0.03	0.74	9.9	2	2.4	70.6	0.69	0.07	18.8	0.181	0.37	1.2
E844018		3.7	148.5	<0.002	0.01	0.37	10.8	2	1.7	97.3	0.44	<0.05	10.7	0.142	0.27	0.8
E844019		69.5	34.4	0.068	0.72	90.40	5.8	11	3.1	282.0	0.11	3.50	1.5	0.117	0.23	2.3
E844020		3.9	116.5	<0.002	0.02	0.67	9.6	2	2.1	74.3	0.55	<0.05	14.2	0.155	0.21	0.9
E844021		3.2	166.0	<0.002	0.02	0.53	11.4	2	1.9	95.1	0.56	<0.05	17.4	0.166	0.26	2.9
E844022		5.4	108.5	0.003	0.09	0.49	10.7	2	1.4	95.8	0.41	0.10	17.0	0.143	0.20	14.8
E844023		30.2	156.5	0.012	0.35	0.57	10.7	4	2.0	77.8	0.54	0.40	15.3	0.163	0.39	113.5
E844024		2.9	192.5	<0.002	0.02	0.55	11.5	2	2.3	62.0	0.65	<0.05	14.9	0.210	0.35	1.3
E844025		3.5	204.0	<0.002	0.03	0.55	10.2	2	2.3	90.8	0.59	0.06	14.1	0.172	0.37	1.4
E844026		3.3	224.0	<0.002	0.03	0.59	10.5	2	2.7	93.8	0.70	<0.05	17.6	0.186	0.37	1.7
E844027		1.0	0.6	<0.002	0.01	0.05	0.3	2	<0.2	2.1	<0.05	<0.05	0.5	0.005	<0.02	0.3
E844028		2.8	186.0	<0.002	0.07	0.51	10.7	2	1.8	114.5	0.50	0.10	14.9	0.140	0.31	1.7
E844029		3.2	149.0	<0.002	0.07	0.34	11.7	2	1.6	131.0	0.41	0.08	13.5	0.115	0.22	1.5
E844030		3.6	190.0	<0.002	0.05	0.52	11.5	2	2.2	117.5	0.60	<0.05	15.2	0.172	0.28	1.9
E844031		3.5	157.0	<0.002	0.02	0.49	9.1	2	1.5	87.5	0.68	0.10	15.4	0.149	0.27	2.9
E844032		3.7	225.0	<0.002	0.03	0.43	10.9	2	2.9	77.9	0.68	<0.05	15.8	0.185	0.35	2.2
E844033		3.6	215.0	<0.002	0.03	0.39	10.3	1	2.5	80.4	0.60	<0.05	15.4	0.170	0.32	2.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E844001		54	4.1	16.0	17	69.5
E844002		59	5.3	18.3	14	62.5
E844003		43	4.5	13.7	14	47.8
E844004		44	4.0	14.4	17	57.0
E844005		48	4.6	16.3	12	45.5
E844006		33	4.5	18.3	15	62.2
E844007		52	4.0	16.2	12	55.3
E844008		138	4.3	17.5	6	52.3
E844009		46	5.9	15.4	8	63.7
E844010		53	5.8	17.9	8	65.2
E844011		55	5.9	17.0	10	61.4
E844012		41	6.0	22.9	12	75.3
E844013		46	4.4	13.6	8	67.7
E844014		53	6.9	11.9	5	58.0
E844015		53	5.7	11.3	10	47.2
E844016		44	5.0	7.4	18	55.4
E844017		57	6.0	8.6	4	60.9
E844018		66	4.4	7.9	5	37.2
E844019		58	15.1	10.3	105	22.2
E844020		49	5.6	10.9	6	46.7
E844021		48	4.0	17.0	9	66.9
E844022		66	3.4	18.5	14	98.2
E844023		71	3.8	24.8	9	62.6
E844024		54	3.7	15.4	14	57.4
E844025		44	4.6	16.7	11	56.3
E844026		52	4.9	15.3	10	73.9
E844027		<1	<0.1	1.8	4	26.1
E844028		44	3.7	17.2	10	56.0
E844029		50	2.9	16.4	9	53.7
E844030		51	3.5	16.9	11	76.8
E844031		37	3.8	21.4	9	119.0
E844032		52	3.6	16.7	8	99.2
E844033		51	3.2	16.2	7	93.2

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

CERTIFICATE TR07054308

Project: Werneckes

P.O. No.: FRG07-01

This report is for 85 Drill Core samples submitted to our lab in Terrace, BC, Canada on 5-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844034		4.44	<0.005	0.01	8.52	<0.2	2560	2.16	0.02	1.46	<0.02	68.10	6.2	45	2.21	47.1
E844035		2.08	<0.005	0.02	7.08	<0.2	1190	0.37	0.02	2.40	<0.02	6.59	16.9	77	0.49	36.1
E844036		6.90	<0.005	0.13	7.25	<0.2	2520	1.28	0.03	4.06	<0.02	29.00	6.9	36	1.93	110.5
E844037		7.25	<0.005	0.01	8.04	<0.2	2120	2.76	0.02	2.51	<0.02	25.10	7.6	41	2.64	42.1
E844038		6.92	<0.005	0.01	7.24	<0.2	1730	1.97	0.02	5.26	<0.02	21.30	4.8	34	1.91	41.5
E844039		6.33	0.009	0.05	7.68	<0.2	3600	1.31	0.06	3.08	<0.02	70.00	6.6	50	1.97	1010.0
E844040		6.70	<0.005	0.02	8.82	0.2	2880	2.46	0.03	1.21	<0.02	87.90	4.6	40	2.59	211.0
E844041		5.74	<0.005	0.01	8.14	0.4	2080	3.10	0.03	2.62	<0.02	43.80	6.8	42	3.39	690.0
E844042		6.77	<0.005	0.02	7.78	<0.2	2140	2.88	0.02	4.76	<0.02	41.40	5.3	40	2.51	778.0
E844043		6.12	<0.005	0.03	8.55	0.4	2340	3.55	0.03	2.03	<0.02	126.00	6.6	44	1.93	364.0
E844044		6.56	<0.005	0.01	8.59	0.3	2490	2.95	0.02	1.68	<0.02	91.10	8.3	46	2.59	130.5
E844045		6.49	0.006	0.01	8.50	0.5	1930	2.56	0.08	1.13	<0.02	130.50	9.1	49	2.65	97.3
E844046		6.84	0.005	0.01	8.75	<0.2	1850	2.02	0.03	0.70	<0.02	311.00	11.4	52	2.54	52.0
E844047		6.82	<0.005	0.01	7.92	0.3	2060	1.89	0.02	2.38	<0.02	>500	7.0	41	2.59	55.1
E844048		6.57	0.005	0.01	7.99	<0.2	2540	2.87	0.01	2.49	<0.02	95.70	8.1	42	1.98	42.9
E844049		6.59	0.005	<0.01	8.24	0.5	2380	2.70	0.01	2.24	<0.02	68.50	6.8	46	2.22	47.0
E844050		0.10	<0.005	0.01	0.06	0.3	10	<0.05	<0.01	0.01	<0.02	2.58	0.1	1	<0.05	3.3
E844051		6.23	0.007	0.01	7.65	0.4	2060	2.61	0.02	3.79	<0.02	37.10	6.4	37	2.32	138.5
E844052		5.81	0.008	0.01	7.42	<0.2	1950	2.15	0.04	5.16	<0.02	63.90	5.7	30	1.25	237.0
E844053		5.31	0.102	0.03	7.75	0.3	2240	2.84	0.06	4.00	0.02	136.00	8.3	39	1.82	1325.0
E844054		5.37	<0.005	0.03	7.90	<0.2	1990	2.50	0.04	2.87	0.06	81.90	12.2	41	2.22	50.0
E844055		0.08	0.933	54.30	4.57	1450.0	530	0.89	36.90	6.79	0.45	27.50	44.8	282	1.41	4680.0
E844056		4.93	<0.005	0.04	7.85	0.7	1970	2.69	0.07	3.32	<0.02	39.10	7.7	38	2.20	49.0
E844057		6.01	<0.005	0.01	8.11	<0.2	2100	2.65	0.03	2.34	<0.02	45.20	8.0	42	3.14	42.8
E844058		4.97	<0.005	0.08	7.91	0.9	2230	2.02	0.03	1.95	<0.02	62.70	8.9	43	3.02	69.8
E844059		5.42	0.006	0.02	7.57	1.9	2780	1.07	0.04	4.30	<0.02	27.40	6.5	33	1.47	52.1
E844060		6.41	0.006	0.02	7.42	23.0	2210	0.99	0.08	3.86	<0.02	45.30	6.3	36	1.38	28.2
E844061		5.64	<0.005	0.02	6.68	<0.2	1150	0.73	0.01	6.47	<0.02	14.05	5.9	25	1.04	29.2
E844062		Not Recvd														
E844063		5.99	<0.005	0.03	6.42	<0.2	1840	0.88	0.02	7.58	<0.02	27.10	6.0	32	1.30	57.9
E844064		6.04	<0.005	0.03	7.16	<0.2	2080	0.62	0.02	6.19	<0.02	41.60	6.2	44	1.15	16.7
E844065		6.25	0.005	0.01	7.12	<0.2	2050	1.21	0.07	6.30	<0.02	43.40	6.1	45	1.63	283.0
E844066		6.46	0.007	0.02	7.54	0.8	1450	2.87	0.03	3.75	<0.02	126.00	8.7	41	2.67	282.0
E844067		6.38	<0.005	0.01	6.92	<0.2	1230	1.76	0.11	7.04	0.03	39.00	6.1	26	2.56	16.2
E844068		6.48	<0.005	0.03	7.64	0.2	2360	2.23	0.05	5.58	0.02	35.20	6.0	30	2.47	39.7
E844069		6.52	0.014	0.19	7.26	1.3	3010	2.19	0.11	3.19	0.03	53.80	8.3	42	1.70	712.0
E844070		6.86	0.011	0.03	6.12	<5	630	2.50	0.03	11.60	<0.02	30.60	6.9	27	1.21	680.0
E844071		6.77	0.011	0.05	7.07	0.5	1660	1.13	<0.01	6.02	<0.02	57.90	8.2	47	0.97	66.0
E844072		6.24	<0.005	0.02	7.09	0.9	2300	1.05	<0.01	2.80	<0.02	39.80	6.4	40	1.27	66.7
E844073		6.43	0.022	0.04	7.49	0.9	1660	2.90	0.29	7.17	<0.02	33.70	9.3	50	0.88	694.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844034		1.02	21.50	0.14	2.4	0.028	7.45	39.1	9.4	0.59	331	0.62	0.92	9.0	22.9	660
E844035		2.27	33.70	0.11	0.9	0.010	2.87	3.7	2.7	1.68	471	2.34	0.67	1.9	51.0	990
E844036		1.19	16.05	0.13	1.8	0.014	6.22	15.9	8.6	0.70	805	1.72	0.94	7.7	22.4	650
E844037		1.24	19.20	0.11	2.3	0.018	5.62	13.5	12.4	0.77	460	1.66	1.64	8.7	24.1	740
E844038		0.89	17.20	0.11	1.5	0.011	4.97	11.3	7.5	0.70	984	131.00	1.92	6.3	16.4	870
E844039		1.09	21.10	0.15	2.2	0.025	6.80	34.8	6.4	0.65	680	74.00	0.89	8.5	21.8	780
E844040		0.91	22.60	0.16	2.4	0.031	7.43	44.7	8.4	0.53	280	1.82	1.02	9.8	20.9	680
E844041		1.35	18.85	0.12	2.1	0.028	5.83	23.7	11.9	0.74	490	0.97	1.66	8.6	22.1	640
E844042		1.10	19.90	0.14	2.2	0.024	6.05	22.3	12.3	0.63	623	0.83	1.45	9.6	18.6	620
E844043		1.08	21.50	0.29	2.1	0.031	6.21	74.0	10.9	0.55	354	3.91	1.90	7.7	20.5	720
E844044		1.50	21.90	0.15	2.2	0.027	6.42	54.5	16.8	0.82	364	1.03	1.56	7.9	27.7	660
E844045		2.12	22.10	0.18	1.9	0.043	5.88	75.1	21.3	1.17	341	0.62	1.35	7.0	29.9	700
E844046		2.77	26.50	0.30	2.1	0.038	6.37	178.0	30.4	1.90	401	0.58	1.17	8.2	47.1	890
E844047		1.54	23.00	0.57	1.8	0.027	5.93	480.0	16.4	0.89	488	0.49	1.09	6.7	26.3	680
E844048		1.45	19.55	0.16	2.2	0.020	5.95	56.3	15.5	0.78	427	0.37	1.54	8.8	24.5	650
E844049		1.55	20.50	0.14	2.0	0.020	5.61	40.2	13.7	0.77	391	1.10	1.63	8.1	23.9	760
E844050		0.02	0.18	0.05	0.8	<0.005	0.01	1.5	1.8	<0.01	<5	0.44	0.01	0.2	0.4	10
E844051		1.25	18.00	0.14	2.1	0.019	4.69	20.3	11.6	0.75	542	2.22	1.89	7.4	19.0	680
E844052		1.31	13.85	0.14	2.5	0.018	4.40	38.1	11.4	0.86	609	5.03	1.74	6.2	16.2	810
E844053		1.38	18.15	0.23	2.3	0.037	5.33	69.0	12.0	0.73	544	11.40	1.66	7.2	19.9	790
E844054		2.05	18.65	0.28	2.0	0.033	4.66	48.3	18.3	0.93	597	1.16	1.92	8.4	24.2	660
E844055		4.38	13.35	0.45	0.8	0.217	1.47	20.9	13.3	0.84	1850	748.00	0.68	2.0	21.2	590
E844056		1.43	17.10	0.14	2.1	0.020	4.94	24.0	14.2	0.78	589	1.80	1.96	6.9	21.1	620
E844057		1.65	19.00	0.14	1.9	0.023	5.31	26.5	16.1	0.83	530	0.82	1.74	8.0	24.8	660
E844058		1.65	20.10	0.15	2.1	0.031	5.81	37.2	15.7	0.82	433	1.79	1.19	8.3	25.1	640
E844059		1.24	17.80	0.13	1.7	0.015	6.98	14.9	8.8	0.73	645	1.85	0.73	8.0	23.6	700
E844060		1.22	19.90	0.15	2.2	0.022	6.08	25.4	7.7	0.72	583	1.59	1.01	7.4	25.4	790
E844061		1.12	15.10	0.17	1.5	0.016	3.58	8.1	8.7	0.82	993	0.94	1.88	5.5	21.8	470
E844062																
E844063		1.36	14.55	0.17	1.0	0.012	4.21	15.5	7.3	1.06	1125	0.42	0.91	4.9	16.8	670
E844064		1.07	18.85	0.22	1.2	0.011	4.87	24.4	3.4	0.72	848	15.80	1.14	7.0	23.9	610
E844065		1.00	16.10	0.20	1.5	0.025	5.60	25.0	6.6	0.65	802	1.49	1.13	6.8	21.0	540
E844066		1.31	17.10	0.22	1.9	0.030	4.65	72.5	13.2	0.81	609	6.51	2.08	6.6	25.0	630
E844067		1.25	14.70	0.18	1.3	0.026	4.08	22.9	10.7	0.84	982	0.34	1.36	5.6	24.9	570
E844068		1.28	16.75	0.17	1.8	0.026	5.80	20.8	9.2	0.76	684	0.91	1.15	7.8	19.1	620
E844069		1.30	19.80	0.12	2.4	0.035	5.60	29.7	11.6	0.73	463	1.64	1.15	8.7	24.2	660
E844070		1.27	13.85	0.09	2.1	0.031	3.66	16.1	11.0	0.79	686	10.65	1.42	5.3	17.0	450
E844071		1.33	20.60	0.12	1.9	0.020	4.61	33.8	7.5	0.92	759	0.35	1.41	6.3	27.2	520
E844072		1.01	20.70	0.11	2.3	0.025	6.05	21.4	6.7	0.59	381	1.52	1.13	8.9	22.8	560
E844073		1.24	20.10	0.11	2.0	0.033	5.19	18.1	4.6	0.90	882	41.70	1.26	5.9	27.1	540

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844034		4.7	271.0	<0.002	0.02	0.47	12.5	2	2.8	77.0	0.70	<0.05	20.0	0.236	0.38	2.0
E844035		3.4	63.9	<0.002	0.03	0.17	28.7	1	2.4	167.5	0.18	<0.05	12.0	0.201	0.12	1.6
E844036		3.6	215.0	<0.002	0.03	0.43	9.9	2	1.6	96.5	0.62	<0.05	14.2	0.181	0.31	1.5
E844037		3.1	222.0	<0.002	0.02	0.54	11.1	2	1.8	85.7	0.66	<0.05	14.1	0.217	0.33	1.7
E844038		4.5	152.5	0.003	0.02	0.41	9.7	1	1.3	111.0	0.47	<0.05	16.7	0.142	0.25	1.1
E844039		3.9	218.0	<0.002	0.09	0.43	13.1	2	3.2	128.5	0.67	0.07	13.8	0.201	0.29	2.2
E844040		7.8	297.0	<0.002	0.02	0.47	12.8	2	3.0	84.7	0.77	<0.05	16.4	0.237	0.38	2.1
E844041		2.9	237.0	<0.002	0.02	0.50	10.5	2	1.9	84.6	0.69	<0.05	14.2	0.215	0.36	1.5
E844042		3.5	250.0	<0.002	0.01	0.39	12.0	2	2.5	95.7	0.75	<0.05	14.7	0.220	0.31	1.6
E844043		4.7	258.0	<0.002	0.01	0.35	11.0	2	2.0	97.2	0.57	<0.05	16.4	0.189	0.31	1.6
E844044		3.5	266.0	<0.002	0.01	0.42	12.6	2	2.2	95.0	0.62	<0.05	15.7	0.215	0.31	1.6
E844045		2.6	282.0	<0.002	0.01	0.40	13.3	2	2.0	74.3	0.58	<0.05	16.3	0.206	0.32	1.6
E844046		3.5	259.0	<0.002	0.01	0.44	15.3	2	2.4	61.5	0.67	<0.05	19.0	0.218	0.38	1.6
E844047		3.7	247.0	<0.002	0.01	0.50	14.1	2	2.3	79.2	0.55	0.18	24.9	0.191	0.33	1.5
E844048		3.2	240.0	<0.002	0.01	0.39	11.3	2	2.3	82.6	0.69	<0.05	16.2	0.224	0.31	1.8
E844049		2.9	235.0	<0.002	0.02	0.44	11.1	2	2.2	83.3	0.60	<0.05	15.1	0.217	0.35	1.3
E844050		1.1	0.4	<0.002	0.01	<0.05	0.3	2	<0.2	2.4	<0.05	<0.05	0.4	0.005	<0.02	0.2
E844051		2.8	188.0	<0.002	0.03	0.38	8.6	2	1.6	99.8	0.56	<0.05	14.8	0.160	0.30	1.3
E844052		2.2	180.5	<0.002	0.03	0.24	7.4	2	1.2	90.6	0.50	<0.05	14.0	0.143	0.16	2.1
E844053		3.2	224.0	<0.002	0.04	0.30	10.7	3	1.9	96.6	0.57	0.15	16.9	0.185	0.25	2.4
E844054		5.5	187.5	<0.002	0.02	0.40	11.1	3	2.0	76.9	0.67	<0.05	16.7	0.229	0.31	1.6
E844055		77.6	43.4	0.075	0.77	95.40	6.1	5	3.5	300.0	0.13	3.26	2.2	0.124	0.23	2.9
E844056		3.6	205.0	<0.002	0.02	0.47	10.2	2	1.5	87.6	0.54	<0.05	15.3	0.190	0.29	1.8
E844057		3.3	231.0	<0.002	0.01	0.55	10.6	2	2.0	84.0	0.64	<0.05	15.9	0.223	0.36	1.4
E844058		7.3	260.0	<0.002	0.02	0.74	11.0	2	2.8	80.1	0.66	<0.05	15.4	0.229	0.41	1.6
E844059		4.5	233.0	<0.002	0.02	0.48	10.4	2	2.3	107.0	0.60	<0.05	14.3	0.199	0.28	1.3
E844060		3.3	209.0	<0.002	0.04	0.57	11.0	2	2.8	95.2	0.56	<0.05	14.6	0.180	0.26	1.8
E844061		2.5	123.0	<0.002	0.01	0.38	9.1	2	1.4	88.8	0.47	<0.05	12.8	0.137	0.16	1.3
E844062																
E844063		3.0	152.5	<0.002	0.02	0.32	9.9	2	1.4	123.0	0.39	<0.05	12.2	0.130	0.17	0.9
E844064		2.3	161.0	<0.002	0.02	0.33	12.4	2	2.1	126.0	0.52	<0.05	11.3	0.180	0.18	1.0
E844065		2.8	196.0	<0.002	0.60	0.36	10.8	2	1.8	148.0	0.50	0.08	13.8	0.163	0.23	1.8
E844066		4.8	179.5	0.002	0.16	0.56	9.6	2	1.4	98.6	0.52	0.06	15.5	0.163	0.30	15.5
E844067		3.0	181.0	<0.002	0.54	0.44	9.9	2	1.3	130.5	0.45	<0.05	12.9	0.148	0.27	2.3
E844068		2.5	231.0	<0.002	0.53	0.49	10.2	2	1.9	155.0	0.62	<0.05	14.9	0.187	0.26	3.0
E844069		4.2	186.0	<0.002	0.48	0.55	9.8	2	2.5	134.0	0.67	0.13	13.9	0.202	0.30	4.0
E844070		3.2	168.5	<0.002	5.48	0.32	10.0	2	1.5	417.0	0.41	0.09	11.8	0.123	0.18	2.7
E844071		3.0	139.5	<0.002	0.44	0.44	13.4	2	2.0	127.5	0.50	<0.05	12.6	0.180	0.19	2.1
E844072		2.7	169.5	<0.002	0.17	0.65	10.6	2	3.3	82.5	0.70	<0.05	12.1	0.201	0.26	1.8
E844073		7.5	141.0	0.004	0.23	0.42	20.0	2	1.9	104.5	0.46	0.39	16.1	0.153	0.27	30.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
E844034		66	3.8	17.6	7	75.1	
E844035		215	1.0	8.2	5	29.3	
E844036		52	3.3	15.7	8	55.9	
E844037		57	3.3	15.2	7	74.9	
E844038		47	4.0	13.1	7	50.0	
E844039		60	4.6	13.4	8	69.6	
E844040		60	4.0	21.5	6	78.2	
E844041		54	3.7	21.3	11	65.8	
E844042		55	4.3	19.8	7	67.8	
E844043		52	3.6	21.7	6	70.5	
E844044		67	3.2	19.9	10	70.0	
E844045		62	2.1	18.0	12	58.7	
E844046		73	3.5	18.0	17	66.5	
E844047		64	3.9	21.0	12	55.0	
E844048		56	3.5	21.2	12	68.1	
E844049		59	3.5	17.8	10	66.1	
E844050		<1	<0.1	1.8	3	26.3	
E844051		45	3.7	16.5	9	66.5	
E844052		39	2.9	17.9	6	77.7	
E844053		51	3.1	24.1	8	72.6	
E844054		54	2.7	17.6	21	65.7	
E844055		63	17.3	10.8	121	24.5	
E844056		53	2.9	20.4	12	70.3	
E844057		58	3.0	16.8	13	59.7	
E844058		57	3.2	17.5	15	64.2	
E844059		56	7.0	15.7	8	53.7	
E844060		57	6.2	18.4	7	68.1	
E844061		41	3.8	19.1	9	45.7	
E844062							
E844063		53	4.1	15.9	8	31.6	
E844064		71	5.3	17.8	5	38.8	
E844065		48	3.9	19.9	8	46.2	
E844066		48	3.0	18.5	17	62.8	
E844067		41	2.3	19.8	14	43.8	
E844068		45	3.3	21.2	11	58.4	
E844069		58	4.1	20.6	15	76.1	
E844070		39	1.9	26.1	8	66.8	
E844071		74	4.6	21.3	10	59.4	
E844072		63	9.0	12.8	8	67.1	
E844073		78	4.3	38.3	9	61.0	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844074		0.06	0.007	0.02	0.05	<0.2	20	<0.05	<0.01	0.02	0.02	2.72	0.1	1	<0.05	17.3
E844075		3.44	0.114	0.17	7.12	7.2	2750	0.73	0.42	4.90	<0.02	50.90	53.6	70	1.18	3270.0
E844076		6.09	0.011	0.03	6.11	0.4	2340	0.66	0.04	6.61	<0.02	87.70	6.8	24	0.89	481.0
E844077		0.17	0.006	0.02	6.96	<0.2	1780	1.36	0.01	6.54	<0.02	24.70	7.4	37	0.87	40.9
E844078		4.98	<0.005	0.03	7.88	0.5	2360	1.42	0.01	6.02	<0.02	74.00	6.2	37	1.00	42.5
E844079		4.79	0.009	0.04	7.46	1.0	2450	2.13	0.20	3.86	0.02	122.50	6.4	36	2.10	38.3
E844080		6.61	<0.005	0.06	8.09	1.0	2060	3.33	<0.01	3.23	0.02	117.50	9.1	39	2.13	71.7
E844081		6.57	0.010	0.03	7.29	0.9	2730	2.84	0.04	2.80	<0.02	79.30	8.3	34	1.56	531.0
E844082		6.11	0.021	0.05	7.47	0.9	1440	2.55	0.09	5.53	<0.02	78.30	8.5	33	1.54	631.0
E844083		6.80	0.005	0.02	7.37	0.2	1470	2.17	<0.01	2.69	<0.02	61.00	8.6	39	0.95	147.0
E844084		1.54	0.005	0.01	8.35	0.5	1890	2.04	<0.01	1.79	<0.02	66.20	6.8	39	1.54	207.0
E844085		4.55	0.221	0.24	4.53	<5	130	2.06	2.17	16.80	<0.02	78.00	20.2	15	0.64	9390.0
E844086		8.05	0.897	0.29	6.82	1.1	310	1.71	3.63	7.70	<0.02	125.50	31.6	39	0.76	>10000
E844087		6.76	0.034	0.08	7.57	<0.2	660	2.66	0.12	8.12	<0.02	67.50	6.1	27	0.72	986.0
E844088		6.50	0.233	0.05	7.79	0.7	1170	3.27	0.23	8.65	<0.02	87.40	8.7	27	1.03	1570.0
E844089		6.74	0.019	0.04	6.37	7	1250	1.30	0.15	12.45	<0.02	44.40	5.8	24	0.75	1060.0
E844090		7.39	0.034	0.05	6.39	<5	210	1.00	0.11	13.50	<0.02	52.50	7.3	21	0.51	1450.0
E844091		0.08	0.867	37.30	4.55	1300.0	510	0.46	32.50	6.72	0.33	24.40	43.8	270	1.24	4180.0
E844092		6.92	0.042	0.05	5.80	5	230	1.75	0.11	16.50	0.02	72.80	6.9	19	0.58	642.0
E844093		7.13	0.130	0.04	7.45	0.8	330	1.33	0.54	5.76	0.02	62.90	19.4	28	0.97	1050.0
E844094		6.91	0.005	0.03	7.02	0.5	100	0.93	<0.01	5.35	0.02	22.90	6.0	30	0.64	7.7
E844095		6.92	0.026	0.03	5.01	21	50	1.56	0.11	18.45	0.02	83.60	26.1	17	0.35	394.0
E844096		7.34	0.066	0.05	6.30	<5	40	1.12	0.33	15.15	<0.02	42.10	61.3	19	0.24	1500.0
E844097		1.69	0.012	0.03	5.76	21	110	0.73	0.06	10.55	<0.02	157.00	17.2	23	0.31	414.0
E844098		5.67	0.013	0.02	5.79	8	50	1.09	0.08	15.35	<0.02	164.00	13.0	17	0.35	280.0
E844099		6.78	0.007	0.12	6.28	<5	120	1.00	0.02	12.05	<0.02	111.50	14.3	23	0.45	191.0
E844100		7.22	0.084	0.07	8.01	0.7	260	1.12	0.51	7.87	0.02	86.00	40.6	28	0.64	1870.0
E844101		7.09	0.036	0.06	7.74	1.0	570	1.67	0.22	7.95	0.03	114.50	31.8	33	1.07	459.0
E844102		7.42	0.037	0.05	7.67	0.7	470	1.70	0.13	5.54	0.03	67.90	26.3	26	1.09	757.0
E844103		5.89	0.045	0.05	7.42	0.8	330	1.89	0.22	7.97	0.02	43.50	39.5	26	0.91	717.0
E844104		7.89	0.219	0.09	7.44	2.7	450	2.93	1.40	6.50	0.03	161.50	122.5	29	0.94	3550.0
E844105		6.28	0.050	0.04	8.01	0.9	890	2.02	0.25	5.62	0.03	87.40	15.2	36	1.38	1950.0
E844106		6.70	0.064	0.05	8.01	1.3	1080	2.12	0.24	2.73	0.03	67.30	35.5	51	1.76	1900.0
E844107		7.23	0.053	0.04	8.11	1.3	850	1.42	0.21	5.16	0.04	129.50	44.3	42	1.48	1610.0
E844108		6.89	0.259	0.05	7.76	2.5	840	1.26	0.27	7.47	0.02	105.00	82.5	42	1.45	2900.0
E844109		7.10	0.073	0.04	7.67	1.1	610	1.49	0.17	5.86	0.02	80.50	46.9	41	1.02	2060.0
E844110		6.43	0.052	0.03	7.97	0.5	870	2.48	0.12	5.29	0.02	102.50	16.1	40	1.42	2210.0
E844111		6.59	0.104	0.03	8.52	0.9	1280	3.97	0.10	4.42	<0.02	78.50	11.2	41	1.61	2920.0
E844112		7.22	0.076	0.04	7.74	0.4	1210	2.80	0.13	3.34	<0.02	136.50	10.6	42	1.36	2690.0
E844113		7.13	0.070	0.04	7.82	0.7	890	2.49	0.15	5.69	0.02	50.70	15.4	39	1.07	1890.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844074		0.02	0.17	<0.05	0.9	<0.005	0.01	1.5	2.0	<0.01	<5	0.15	0.01	0.1	1.0	10
E844075		1.42	21.00	0.13	3.7	0.048	5.29	27.8	4.7	0.52	624	48.60	0.80	7.6	31.1	690
E844076		1.12	17.25	0.13	1.2	0.019	4.83	48.9	4.5	0.81	907	9.62	0.55	5.1	25.0	480
E844077		1.20	18.80	0.10	1.5	0.018	4.59	13.1	4.3	0.84	688	0.91	1.04	5.1	22.7	560
E844078		1.12	20.80	0.16	2.1	0.021	5.23	40.6	4.7	0.72	659	0.96	0.77	9.6	23.0	680
E844079		1.22	19.10	0.18	1.9	0.028	5.92	65.0	7.5	0.64	660	0.15	1.24	7.9	21.0	630
E844080		2.01	21.00	0.16	2.4	0.047	5.03	64.6	13.2	0.88	563	1.43	1.73	9.2	26.8	660
E844081		1.87	18.30	0.12	3.3	0.040	4.72	42.7	12.5	0.84	482	0.62	1.90	8.4	23.7	580
E844082		1.66	17.25	0.13	2.4	0.039	4.97	45.6	8.9	0.81	732	0.83	1.43	8.2	21.7	600
E844083		1.91	18.20	0.10	2.2	0.030	3.71	33.7	8.6	0.86	565	0.34	3.14	7.1	27.1	610
E844084		1.32	20.80	0.10	3.2	0.044	4.62	37.6	9.5	0.81	417	1.12	2.83	9.2	27.0	600
E844085		2.18	10.05	0.13	1.1	0.134	0.20	46.0	4.7	0.56	2970	11.25	2.93	2.3	24.1	470
E844086		6.38	17.95	0.21	1.8	0.257	1.17	76.4	5.9	0.76	1560	12.50	3.88	3.3	58.9	880
E844087		1.30	13.85	0.10	2.2	0.035	2.62	40.7	4.2	0.59	1455	0.27	3.64	4.9	12.7	710
E844088		1.43	13.70	0.12	2.1	0.047	3.65	52.5	6.4	0.82	1660	1.21	2.49	5.4	13.7	780
E844089		1.14	12.95	0.09	1.8	0.035	3.09	26.4	3.4	0.69	2290	12.25	2.12	4.3	12.0	620
E844090		0.97	13.15	0.09	1.4	0.034	0.92	30.6	2.6	0.56	2110	0.52	3.88	4.0	11.6	740
E844091		4.32	13.10	0.08	0.9	0.223	1.38	18.1	13.6	0.85	1780	720.00	0.71	1.9	21.1	560
E844092		1.02	12.70	0.10	2.0	0.038	1.13	41.3	3.7	0.61	2670	3.28	3.22	3.9	12.9	560
E844093		2.86	16.60	0.11	2.0	0.041	2.11	35.7	8.7	1.07	1550	1.30	3.67	4.3	46.3	790
E844094		1.58	16.55	0.06	2.0	0.020	0.51	12.4	6.8	0.80	1175	0.37	4.74	5.5	28.1	970
E844095		4.22	11.75	0.13	1.3	0.028	0.12	45.3	1.9	0.45	2360	4.37	3.64	1.8	19.8	810
E844096		1.21	12.05	0.07	1.2	0.029	0.12	22.7	1.5	0.36	1830	5.04	4.57	2.9	13.3	740
E844097		3.30	15.15	0.17	1.6	0.017	0.11	88.9	3.0	0.78	1930	3.83	4.14	2.2	21.7	880
E844098		1.01	13.65	0.14	1.3	0.017	0.20	97.6	1.9	0.62	1965	1.16	4.17	2.2	9.5	980
E844099		3.02	14.95	0.13	1.5	0.015	0.49	65.6	2.8	0.56	1815	6.44	4.14	2.6	18.1	900
E844100		1.55	18.25	0.11	1.8	0.037	1.40	50.3	6.3	0.94	1550	2.74	4.45	4.2	27.0	860
E844101		1.29	17.55	0.14	2.4	0.020	2.89	63.6	7.3	0.84	1330	12.90	3.25	4.7	25.8	780
E844102		1.07	15.90	0.10	2.5	0.020	2.43	39.0	8.2	0.77	946	3.10	4.16	5.7	23.2	630
E844103		1.10	14.30	0.11	1.8	0.022	1.91	24.7	6.1	0.81	1250	1.98	4.18	3.9	21.9	820
E844104		1.80	15.55	0.20	2.1	0.055	2.59	89.8	6.2	0.70	1165	1.44	4.00	4.5	40.4	750
E844105		1.34	16.40	0.16	1.9	0.027	3.72	49.9	10.7	0.87	1000	1.03	3.42	4.2	21.9	770
E844106		1.49	18.40	0.15	2.1	0.026	5.44	33.6	11.6	0.79	511	2.14	2.76	5.3	32.1	740
E844107		1.48	17.45	0.19	2.0	0.019	3.82	74.9	10.5	0.83	888	1.53	3.43	5.1	28.8	850
E844108		2.83	18.20	0.21	1.5	0.022	4.21	60.5	9.7	0.83	985	1.95	2.89	3.1	43.6	780
E844109		1.38	15.85	0.18	1.6	0.018	3.65	43.0	6.9	0.74	693	1.03	3.42	3.6	29.7	820
E844110		1.45	17.75	0.18	2.2	0.022	3.87	59.0	10.6	0.79	596	1.62	3.23	4.9	25.1	730
E844111		1.59	18.80	0.17	2.3	0.034	4.78	45.4	11.5	0.72	487	6.14	2.65	5.9	21.3	690
E844112		1.46	18.35	0.19	2.3	0.030	4.98	78.5	10.6	0.64	408	0.82	2.23	5.5	18.2	690
E844113		2.15	15.80	0.16	1.8	0.021	3.90	29.1	9.6	0.88	760	0.77	2.72	4.0	25.9	710

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844074		1.4	0.4	<0.002	0.01	<0.05	0.1	1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02	0.2
E844075		7.8	152.0	0.011	1.19	0.48	10.3	5	2.9	154.5	0.52	2.53	11.8	0.157	0.82	24.4
E844076		4.4	161.5	<0.002	0.49	0.36	10.2	2	1.9	181.0	0.38	0.06	12.0	0.137	0.19	2.0
E844077		1.9	151.5	<0.002	1.09	0.36	11.6	1	1.9	201.0	0.43	<0.05	13.6	0.151	0.16	2.6
E844078		2.5	154.5	<0.002	1.21	0.45	11.1	2	2.6	228.0	0.70	<0.05	16.2	0.192	0.24	2.9
E844079		3.3	193.5	<0.002	0.23	0.65	9.6	2	2.8	116.5	0.61	0.21	15.1	0.187	0.28	2.9
E844080		3.6	215.0	<0.002	0.12	0.55	11.9	2	2.2	102.0	0.72	<0.05	16.8	0.211	0.27	3.0
E844081		2.8	178.0	<0.002	0.21	0.40	9.8	2	1.8	105.5	0.63	0.07	14.0	0.182	0.24	3.7
E844082		2.5	196.0	<0.002	1.43	0.50	10.7	2	1.9	225.0	0.62	0.12	15.3	0.178	0.28	3.2
E844083		2.5	105.0	<0.002	0.12	0.49	9.3	2	1.6	65.7	0.57	<0.05	13.5	0.173	0.21	3.0
E844084		2.7	149.0	<0.002	0.12	0.76	11.9	2	2.3	90.3	0.68	<0.05	13.1	0.195	0.32	3.1
E844085		3.0	11.7	0.002	3.76	0.42	17.9	8	1.2	278.0	0.18	1.46	8.2	0.059	0.08	2.9
E844086		4.4	39.2	0.002	3.56	0.38	8.2	11	1.8	150.5	0.29	2.16	14.2	0.084	0.09	7.7
E844087		2.6	76.4	<0.002	0.45	0.41	10.9	3	1.0	114.0	0.37	0.09	12.4	0.123	0.17	3.5
E844088		2.8	123.0	<0.002	0.66	0.58	9.1	3	1.2	144.5	0.41	0.17	14.6	0.137	0.22	5.4
E844089		2.5	95.9	<0.002	1.03	0.41	11.8	3	1.1	192.5	0.33	0.11	14.2	0.096	0.20	3.3
E844090		2.5	35.1	<0.002	1.28	0.33	12.6	3	1.0	155.5	0.31	0.10	11.6	0.088	0.10	2.3
E844091		71.7	33.9	0.071	0.74	84.80	6.3	7	3.4	293.0	0.12	3.62	1.5	0.118	0.21	2.4
E844092		3.8	34.3	<0.002	0.71	0.41	19.9	3	0.9	164.5	0.30	0.09	12.3	0.089	0.09	3.4
E844093		3.8	62.8	<0.002	0.53	0.55	9.0	3	1.0	72.9	0.34	0.42	16.4	0.115	0.18	3.6
E844094		2.6	24.6	<0.002	0.03	0.44	9.2	2	0.9	46.0	0.41	<0.05	16.3	0.114	0.07	3.2
E844095		4.7	6.8	<0.002	0.23	0.26	21.9	3	0.4	107.5	0.14	0.13	9.5	0.045	0.04	8.6
E844096		2.7	5.1	<0.002	0.64	0.26	16.7	3	0.6	84.2	0.22	0.31	8.9	0.080	0.02	2.5
E844097		4.1	5.8	<0.002	0.30	0.34	8.9	2	0.7	90.5	0.18	0.07	10.6	0.062	0.03	7.8
E844098		2.8	11.7	<0.002	0.34	0.28	9.7	2	0.8	124.5	0.18	0.08	11.5	0.071	0.03	3.9
E844099		3.1	19.7	<0.002	0.32	0.39	9.9	2	0.9	122.5	0.21	<0.05	10.5	0.080	0.05	2.8
E844100		4.8	40.8	<0.002	0.78	0.52	10.2	4	1.1	104.0	0.32	0.47	15.2	0.115	0.11	4.9
E844101		5.0	80.6	<0.002	0.43	0.65	12.3	3	1.2	113.0	0.34	0.22	12.7	0.134	0.21	3.2
E844102		5.5	71.6	<0.002	1.01	0.69	8.3	2	1.1	125.5	0.42	0.14	14.9	0.119	0.20	4.5
E844103		4.3	54.9	<0.002	0.73	0.58	9.6	2	0.9	106.5	0.33	0.21	14.9	0.104	0.15	3.9
E844104		6.2	66.9	<0.002	1.69	0.69	9.0	6	1.1	96.7	0.38	0.97	14.8	0.119	0.18	3.5
E844105		5.2	105.0	<0.002	0.42	0.70	10.1	3	1.0	84.6	0.31	0.20	14.2	0.122	0.24	3.6
E844106		6.6	136.0	<0.002	0.48	0.80	10.3	3	1.4	64.7	0.41	0.22	13.4	0.171	0.33	3.8
E844107		6.2	110.5	<0.002	0.52	0.70	10.3	3	1.3	77.5	0.39	0.31	15.7	0.157	0.23	4.0
E844108		5.0	127.5	<0.002	1.35	0.42	10.5	5	1.2	97.3	0.24	0.87	13.9	0.128	0.24	3.7
E844109		5.0	94.6	<0.002	1.04	0.41	9.9	3	1.0	103.0	0.29	0.29	14.1	0.114	0.20	4.3
E844110		4.4	129.0	<0.002	0.45	0.45	11.0	3	1.2	80.7	0.38	0.16	15.7	0.152	0.20	4.2
E844111		4.5	170.0	<0.002	0.46	0.55	12.2	3	1.8	73.8	0.44	0.34	14.8	0.177	0.23	3.4
E844112		4.0	154.0	<0.002	0.36	0.48	10.2	3	1.9	65.1	0.41	0.26	14.6	0.157	0.23	4.4
E844113		4.7	113.5	<0.002	0.50	0.44	8.8	3	1.1	84.6	0.28	0.36	14.0	0.119	0.17	3.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
E844074		<1	<0.1	1.9	3	26.8	
E844075		67	4.2	21.9	6	113.5	
E844076		55	4.5	15.0	9	36.5	
E844077		68	4.2	11.0	7	43.6	
E844078		60	7.2	15.5	8	62.6	
E844079		54	5.7	16.1	13	59.0	
E844080		61	3.9	19.9	13	73.0	
E844081		53	3.0	23.3	12	100.5	
E844082		49	4.1	20.9	12	76.5	
E844083		62	3.8	14.1	12	68.4	
E844084		61	4.3	16.1	11	99.6	
E844085		22	2.5	34.6	8	35.3	
E844086		104	3.5	20.0	13	55.1	1.585
E844087		34	4.2	32.0	8	69.1	
E844088		33	4.9	19.4	5	69.2	
E844089		34	6.4	28.1	5	57.4	
E844090		28	5.1	30.9	5	45.4	
E844091		62	14.7	10.2	110	22.1	
E844092		32	2.6	50.5	11	63.8	
E844093		57	4.0	11.4	16	62.6	
E844094		59	4.2	12.3	13	61.3	
E844095		55	2.4	56.2	12	42.8	
E844096		28	3.4	40.5	9	37.4	
E844097		36	3.7	15.2	14	47.0	
E844098		23	3.9	21.8	5	41.4	
E844099		46	1.9	16.7	9	46.9	
E844100		47	3.6	10.7	18	58.6	
E844101		55	3.1	20.5	21	78.2	
E844102		37	3.4	12.8	23	79.0	
E844103		31	3.6	17.2	16	56.5	
E844104		33	3.7	19.9	23	64.4	
E844105		49	2.5	13.2	28	67.6	
E844106		71	3.4	12.5	34	73.4	
E844107		57	3.3	12.6	33	69.3	
E844108		58	2.5	16.4	23	50.3	
E844109		47	3.2	14.1	22	54.1	
E844110		52	3.1	15.2	21	77.6	
E844111		63	4.4	18.4	19	75.8	
E844112		52	4.6	14.4	17	80.4	
E844113		54	2.7	14.4	26	62.3	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844114		7.44	0.073	0.03	7.32	1.1	870	2.30	0.08	7.11	<0.02	98.00	14.2	38	0.82	2880.0
E844115		7.11	0.089	0.05	7.51	1.0	2250	1.78	0.07	6.92	<0.02	63.40	8.5	36	0.84	3420.0
E844116		7.18	0.313	0.07	7.63	0.6	2150	1.47	0.29	5.62	<0.02	103.50	15.9	46	1.08	3900.0
E844117		4.93	0.074	0.07	7.65	0.7	1410	2.00	0.44	5.87	<0.02	41.50	14.9	35	1.12	2610.0
E844118		6.78	0.344	0.16	6.66	<5	870	0.79	1.66	11.70	<0.02	35.50	26.6	30	0.66	7440.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07054308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844114		1.87	14.90	0.18	1.5	0.034	3.17	61.4	7.9	0.71	725	0.90	2.50	2.9	21.1	980
E844115		1.60	16.25	0.17	1.5	0.035	5.30	35.8	5.8	0.58	786	4.44	1.56	4.5	21.3	1020
E844116		1.74	19.00	0.20	1.6	0.046	5.70	57.9	7.7	0.62	839	0.82	1.27	4.8	29.5	840
E844117		2.63	17.15	0.15	2.0	0.034	4.76	23.4	10.0	0.82	1060	0.92	1.98	3.6	24.3	1010
E844118		2.15	14.20	0.13	1.2	0.083	3.45	20.3	4.3	0.84	2170	12.00	2.13	2.1	23.8	730

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844114		2.8	110.5	<0.002	0.83	0.39	8.3	2	1.2	123.0	0.23	0.35	13.0	0.105	0.13	3.2
E844115		3.0	162.0	<0.002	0.88	0.52	8.3	4	1.6	139.0	0.34	0.43	14.4	0.138	0.22	4.3
E844116		4.3	179.5	<0.002	0.92	0.66	10.3	4	2.4	123.5	0.36	0.62	17.0	0.165	0.32	5.1
E844117		3.0	147.0	<0.002	0.91	0.68	9.5	3	1.5	111.0	0.27	0.39	13.8	0.129	0.27	3.1
E844118		2.4	92.5	<0.002	1.46	0.50	10.4	7	1.4	114.0	0.16	1.37	12.0	0.075	0.20	3.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
E844114		48	2.7	10.6	13	52.9	
E844115		45	5.5	10.7	9	52.8	
E844116		52	7.1	12.2	13	55.9	
E844117		59	4.0	13.1	14	68.8	
E844118		37	2.4	10.4	7	40.6	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29-JUN-2007
Account: EIAFRG

CERTIFICATE TR07058520

Project: Werneckes

P.O. No.: FRG07-01

This report is for 68 Drill Core samples submitted to our lab in Terrace, BC, Canada on 6-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	DAVID MCKEE
MARK O DEA	NEIL P	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07058520

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844119		2.52	0.040	0.07	7.20	<0.2	490	0.53	0.34	8.18	<0.02	51.50	7.2	26	0.83	1120.0
E844120		7.19	0.051	0.10	7.21	0.8	400	0.85	0.47	8.44	<0.02	97.50	43.6	31	0.91	1170.0
E844121		7.84	0.011	0.06	6.82	1.2	480	1.13	0.18	4.19	<0.02	14.40	16.1	32	1.47	536.0
E844122		3.70	0.006	0.03	7.11	0.5	840	0.95	0.07	2.02	<0.02	6.67	7.1	42	1.90	282.0
E844123		4.73	0.005	0.07	5.09	7	70	0.57	0.07	10.25	<0.02	83.20	5.8	22	0.53	2160.0
E844124		4.37	<0.005	0.05	5.48	<5	70	0.51	0.05	11.00	<0.02	91.30	5.3	21	0.54	967.0
E844125		6.98	0.005	0.26	4.84	<5	60	1.14	0.11	10.55	<0.02	70.70	19.9	26	0.45	3340.0
E844126		7.29	<0.005	0.10	5.85	<5	60	1.01	0.06	10.50	<0.02	49.30	14.6	26	0.43	1070.0
E844127		0.09	0.876	38.40	4.60	1165.0	500	0.70	34.40	6.98	<0.02	24.90	43.4	281	1.27	4410.0
E844128		7.17	<0.005	0.12	5.81	1.9	80	1.12	0.12	9.71	<0.02	58.20	26.4	23	0.52	957.0
E844129		7.26	0.010	0.25	6.10	1.3	90	1.02	0.17	8.67	<0.02	82.60	19.8	24	0.57	906.0
E844130		7.39	<0.005	0.10	5.48	0.8	80	0.95	0.10	8.92	<0.02	34.60	16.5	28	0.59	710.0
E844131		7.36	<0.005	0.10	5.21	<5	80	1.65	0.13	10.75	<0.02	56.90	26.1	24	0.51	964.0
E844132		7.41	0.007	0.09	4.78	23	110	2.57	0.26	10.70	<0.02	66.30	52.4	33	0.59	662.0
E844133		0.10	<0.005	0.03	0.06	0.6	90	<0.05	0.02	0.07	<0.02	2.72	0.2	3	<0.05	4.9
E844134		7.26	<0.005	0.05	5.12	8	70	1.81	0.06	10.95	<0.02	99.80	11.3	27	0.47	1485.0
E844135		7.22	<0.005	0.03	4.89	<5	60	0.75	0.04	11.45	<0.02	93.00	6.4	29	0.47	788.0
E844136		3.45	<0.005	0.02	6.00	0.6	60	0.72	0.03	8.55	<0.02	124.00	15.1	35	0.46	312.0
E844137		3.81	<0.005	<0.01	6.78	1.9	70	0.58	0.04	7.85	<0.02	75.50	14.2	27	0.63	155.5
E844138		7.42	<0.005	<0.01	6.08	1.4	100	1.46	0.04	8.97	<0.02	51.20	8.2	23	0.90	235.0
E844139		7.74	<0.005	<0.01	6.56	1.6	80	0.87	0.03	9.99	<0.02	40.70	15.0	32	0.79	383.0
E844140		7.60	0.005	0.02	6.18	6	60	1.27	0.15	10.05	<0.02	30.90	35.3	34	0.54	1095.0
E844141		7.49	<0.005	<0.01	6.59	1.2	80	0.86	0.04	8.78	<0.02	59.40	9.7	24	0.75	105.5
E844142		6.79	0.006	0.02	8.33	12.5	30	1.52	0.13	7.94	<0.02	74.20	78.7	15	0.54	23.0
E844143		6.46	<0.005	0.01	8.42	8.8	40	1.25	0.21	8.33	0.04	78.90	70.0	13	0.54	48.7
E844144		7.65	0.017	0.01	6.24	7	160	1.33	0.18	10.10	<0.02	82.10	28.5	27	1.49	843.0
E844145		7.77	0.009	0.03	5.40	3.8	110	1.37	0.22	8.65	<0.02	60.00	34.2	34	1.11	1485.0
E844146		7.38	0.009	0.01	4.44	8	140	0.69	0.07	17.10	<0.02	72.70	12.0	23	1.10	1135.0
E844147		4.34	0.008	0.01	5.52	<5	150	0.64	0.07	14.60	<0.02	55.70	12.4	28	1.09	592.0
E844148		2.09	0.129	0.18	8.10	3.0	60	0.56	0.57	4.83	0.03	124.00	90.9	33	0.60	9380.0
E844149		1.17	<0.005	0.02	6.81	2.7	90	0.58	0.08	9.97	<0.02	67.30	24.0	34	0.86	459.0
E844150		7.51	0.020	0.04	6.39	2.8	150	0.66	0.11	9.89	<0.02	68.80	45.3	30	1.28	450.0
E844151		7.46	0.014	0.02	6.50	7	130	0.66	0.11	11.40	<0.02	61.10	54.0	26	1.02	207.0
E844152		7.64	0.019	0.03	6.04	8	190	1.00	0.17	10.60	<0.02	28.50	24.9	28	1.63	741.0
E844153		0.08	0.902	40.20	5.15	1210.0	570	0.57	36.50	7.44	<0.02	29.30	47.7	295	1.32	5150.0
E844154		7.61	<0.005	0.03	7.75	2.1	70	0.64	0.07	9.53	<0.02	68.90	30.7	22	0.66	43.6
E844155		7.28	0.017	0.02	7.72	7	60	0.76	0.18	10.20	<0.02	145.50	111.5	53	0.57	53.9
E844156		0.08	<0.005	<0.01	0.05	0.2	10	<0.05	<0.01	0.02	<0.02	3.22	0.2	1	<0.05	1.0
E844157		7.34	0.007	0.02	6.05	2.6	130	0.94	0.11	9.74	<0.02	129.00	32.4	29	1.23	401.0
E844158		7.20	<0.005	<0.01	8.41	1.4	190	1.06	0.06	8.84	<0.02	160.00	16.2	41	1.78	459.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-JUN-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058520

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844119		0.84	15.70	0.12	1.6	0.035	2.68	29.6	4.2	0.42	1690	9.31	3.15	4.2	11.6	720
E844120		1.20	16.20	0.14	1.6	0.043	2.09	55.4	5.6	0.58	1970	4.50	3.24	4.5	17.2	880
E844121		1.38	16.95	0.09	1.8	0.049	2.29	7.9	9.7	0.93	1450	12.75	2.51	4.1	19.0	1450
E844122		1.16	20.50	0.07	1.8	0.061	3.59	3.3	6.9	0.61	615	67.90	1.63	4.7	17.9	380
E844123		3.79	11.50	0.14	0.5	0.046	0.43	47.9	5.4	0.39	1860	1.32	3.08	2.8	3.0	600
E844124		3.58	12.25	0.15	0.5	0.034	0.41	52.1	5.0	0.39	1950	1.19	3.36	2.9	2.2	620
E844125		5.68	10.90	0.16	0.6	0.064	0.36	39.6	5.1	0.37	1615	0.94	2.85	3.3	6.1	570
E844126		4.97	13.15	0.12	0.5	0.037	0.32	27.5	5.0	0.46	2150	1.76	3.74	2.9	3.4	570
E844127		4.65	14.30	0.46	0.7	0.236	1.49	18.6	13.9	0.89	1870	755.00	0.70	1.9	21.2	580
E844128		3.87	14.15	0.13	0.6	0.044	0.40	31.9	5.8	0.64	2320	5.72	3.62	4.4	4.9	570
E844129		3.72	15.30	0.15	0.5	0.043	0.41	44.9	8.3	0.48	2230	1.13	3.67	4.4	5.2	570
E844130		3.18	13.90	0.11	0.5	0.038	0.48	18.6	7.0	0.42	2200	1.39	3.15	2.0	3.6	560
E844131		5.26	11.25	0.13	0.8	0.038	0.47	32.5	4.7	0.30	1740	3.03	3.11	3.3	5.1	720
E844132		7.28	12.30	0.17	0.7	0.036	0.58	36.8	8.2	0.39	1950	2.45	2.81	3.8	12.6	670
E844133		0.04	0.18	0.05	0.9	<0.005	0.01	1.6	2.2	0.01	16	0.39	0.01	0.2	0.7	<10
E844134		3.46	13.30	0.19	0.7	0.058	0.34	51.7	7.5	0.82	2210	1.09	3.40	3.0	4.9	570
E844135		3.14	11.80	0.13	0.7	0.050	0.35	49.7	3.7	0.92	2190	0.77	3.15	2.1	2.6	560
E844136		3.18	13.70	0.15	0.8	0.031	0.38	64.1	5.5	0.86	2150	0.59	3.84	2.6	6.4	540
E844137		2.49	16.15	0.14	0.6	0.042	0.48	37.7	6.4	0.94	1980	0.74	4.14	2.7	5.4	570
E844138		2.59	15.20	0.11	0.6	0.062	0.77	25.1	10.4	0.84	2370	2.60	3.05	2.4	2.3	570
E844139		6.16	15.40	0.17	0.8	0.050	0.62	22.8	21.0	1.21	2760	0.63	3.04	2.9	9.0	600
E844140		7.02	14.35	0.16	0.7	0.045	0.42	18.1	8.4	0.51	1905	1.32	3.65	4.3	6.5	640
E844141		2.77	15.40	0.12	0.5	0.044	0.64	30.8	10.2	0.60	2280	1.18	3.59	2.7	3.2	810
E844142		7.37	21.60	0.21	2.5	0.015	0.14	40.2	5.9	0.46	1265	1.98	5.76	13.9	31.7	1390
E844143		7.61	18.85	0.17	2.7	0.024	0.20	43.1	6.1	0.39	1275	3.80	5.69	13.8	27.6	1410
E844144		4.77	13.75	0.17	1.4	0.093	1.39	46.1	9.8	0.51	1680	33.70	2.45	6.5	12.2	820
E844145		8.03	11.80	0.21	0.9	0.067	0.95	33.2	4.1	0.20	1040	0.94	2.68	4.7	5.6	680
E844146		3.78	9.58	0.16	0.6	0.082	1.20	40.8	5.0	0.30	2440	1.96	1.53	2.7	2.0	630
E844147		4.55	11.80	0.13	0.7	0.069	1.15	31.0	6.2	0.38	2540	2.78	2.32	3.5	4.3	700
E844148		5.81	20.30	0.26	1.0	0.127	0.40	65.2	17.9	1.16	1120	0.83	5.26	4.6	44.2	500
E844149		5.61	14.35	0.16	0.8	0.046	0.72	36.7	5.9	0.35	1750	5.63	4.06	3.5	8.1	620
E844150		5.95	13.40	0.17	0.9	0.071	1.33	39.0	6.0	0.32	1375	6.93	2.79	4.8	10.2	750
E844151		5.11	13.40	0.16	1.0	0.061	1.08	34.3	6.0	0.37	1690	1.01	3.16	4.8	10.1	790
E844152		5.27	12.95	0.13	0.7	0.100	1.77	17.0	6.5	0.33	1820	1.15	2.03	4.5	4.1	660
E844153		4.63	14.30	0.26	0.7	0.221	1.56	22.1	12.4	0.89	1990	800.00	0.74	1.9	20.8	640
E844154		3.89	17.30	0.14	0.9	0.036	0.61	38.4	6.8	0.49	1460	2.02	4.82	4.1	14.1	670
E844155		6.16	17.55	0.24	1.3	0.029	0.48	81.4	7.5	0.62	1555	11.60	4.82	4.0	28.6	930
E844156		0.02	0.15	<0.05	1.0	<0.005	0.01	1.9	2.0	<0.01	<5	0.17	0.01	0.1	<0.2	10
E844157		6.04	13.30	0.22	0.9	0.062	1.23	73.2	5.9	0.30	1150	2.03	2.70	4.1	4.5	650
E844158		6.21	18.95	0.24	1.0	0.089	1.79	88.0	19.8	1.24	1840	0.72	3.04	5.2	13.0	800

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844119		2.9	77.8	<0.002	0.16	0.65	8.0	2	1.3	67.3	0.35	0.18	13.0	0.116	0.18	2.7
E844120		2.8	66.8	<0.002	0.39	0.67	8.9	3	1.5	68.4	0.40	0.35	14.9	0.129	0.17	4.1
E844121		3.1	94.2	<0.002	0.11	1.45	6.5	2	1.3	46.6	0.36	0.11	11.9	0.117	0.22	2.7
E844122		2.5	120.5	0.003	0.05	2.87	8.9	2	1.7	58.3	0.40	<0.05	7.8	0.143	0.34	1.9
E844123		2.4	31.7	<0.002	1.11	0.60	7.6	3	1.3	100.5	0.29	<0.05	8.8	0.121	0.07	4.9
E844124		2.5	31.1	<0.002	1.08	0.64	7.7	3	1.2	100.5	0.29	<0.05	9.3	0.118	0.07	4.1
E844125		2.4	25.3	<0.002	1.28	0.45	7.6	4	1.5	77.0	0.31	<0.05	8.6	0.130	0.06	4.1
E844126		2.0	21.5	<0.002	1.04	0.60	6.3	3	1.6	133.0	0.32	<0.05	10.0	0.159	0.05	2.9
E844127		68.8	32.1	0.080	0.73	91.80	6.1	7	3.9	301.0	0.11	3.77	0.9	0.126	0.20	2.9
E844128		2.1	28.6	<0.002	0.44	0.86	7.4	3	1.8	106.5	0.41	0.07	10.1	0.177	0.06	3.4
E844129		2.4	30.3	<0.002	0.33	0.91	6.8	3	1.6	80.5	0.45	0.17	10.4	0.174	0.07	2.7
E844130		2.0	33.3	<0.002	0.55	0.56	5.9	3	1.1	88.7	0.23	0.08	8.9	0.116	0.07	3.8
E844131		2.3	31.5	<0.002	3.07	0.53	4.4	3	1.4	202.0	0.29	0.07	9.0	0.144	0.07	7.1
E844132		2.1	35.9	<0.002	3.03	0.59	6.3	3	1.7	206.0	0.34	0.15	8.4	0.174	0.09	5.2
E844133		1.0	0.4	<0.002	0.02	<0.05	0.2	2	<0.2	4.1	<0.05	<0.05	<0.2	0.006	<0.02	0.2
E844134		6.4	24.0	<0.002	0.89	0.52	9.5	3	1.2	104.5	0.26	<0.05	9.0	0.114	0.05	4.2
E844135		2.0	28.9	<0.002	0.27	0.63	11.0	3	1.1	72.7	0.27	<0.05	9.1	0.115	0.06	3.2
E844136		2.1	27.0	<0.002	0.25	0.62	7.4	2	1.1	55.9	0.29	<0.05	10.0	0.132	0.05	4.1
E844137		3.3	43.4	<0.002	0.19	0.77	8.9	<1	0.9	50.7	0.27	<0.05	12.0	0.112	0.09	4.3
E844138		2.0	63.4	<0.002	0.27	0.70	8.2	1	0.9	61.2	0.23	<0.05	11.1	0.109	0.12	3.3
E844139		1.9	53.6	<0.002	0.25	0.62	9.8	1	1.5	52.1	0.31	<0.05	12.1	0.149	0.10	5.0
E844140		2.1	35.0	<0.002	2.68	0.50	6.4	1	1.7	189.5	0.41	0.07	12.3	0.181	0.07	4.3
E844141		1.9	49.8	<0.002	0.24	0.51	6.2	1	1.1	73.5	0.23	<0.05	13.5	0.102	0.10	3.2
E844142		3.3	11.1	<0.002	0.40	1.58	19.2	<1	5.1	74.7	0.99	0.10	13.9	0.711	0.04	5.6
E844143		2.8	13.8	<0.002	0.37	1.72	20.8	3	5.1	74.0	0.95	0.15	13.5	0.796	0.05	4.1
E844144		2.3	111.5	0.033	1.94	0.76	7.9	2	2.4	125.0	0.49	0.10	13.1	0.244	0.22	7.7
E844145		2.2	76.7	<0.002	2.46	0.48	5.3	2	2.1	139.5	0.37	0.12	11.5	0.183	0.15	6.9
E844146		1.6	91.9	<0.002	2.71	0.40	7.7	1	1.4	194.0	0.23	<0.05	10.5	0.105	0.18	7.8
E844147		2.5	88.2	<0.002	1.40	0.48	7.5	1	1.7	134.5	0.32	<0.05	12.5	0.135	0.18	11.8
E844148		3.9	28.7	0.002	1.40	0.99	7.3	5	1.6	33.9	0.25	0.29	5.2	0.260	0.10	14.4
E844149		2.7	54.0	0.005	0.17	0.50	12.8	1	1.5	51.8	0.29	<0.05	10.4	0.148	0.11	12.1
E844150		3.4	104.0	0.002	2.19	0.57	6.7	1	1.9	126.5	0.38	0.09	13.3	0.173	0.20	16.1
E844151		1.8	84.3	<0.002	0.77	0.57	9.3	1	2.7	73.9	0.34	0.08	9.2	0.243	0.16	6.9
E844152		1.9	139.5	<0.002	0.34	0.68	7.4	1	1.9	58.3	0.37	0.10	11.6	0.170	0.26	5.5
E844153		71.6	42.0	0.076	0.83	95.10	6.4	4	3.3	324.0	0.12	3.80	1.8	0.133	0.24	2.9
E844154		1.6	49.7	<0.002	0.20	0.68	10.8	1	1.9	50.1	0.32	<0.05	9.6	0.240	0.09	4.4
E844155		2.0	38.4	0.004	0.56	0.75	15.2	2	1.9	49.5	0.29	0.14	8.0	0.290	0.07	6.5
E844156		0.8	0.3	<0.002	0.01	<0.05	0.3	2	<0.2	2.5	<0.05	<0.05	0.4	0.006	<0.02	0.3
E844157		1.7	96.7	<0.002	2.85	0.54	6.6	2	1.9	146.0	0.35	0.07	11.2	0.169	0.19	4.7
E844158		2.5	147.5	<0.002	1.82	1.07	10.7	1	2.0	109.5	0.46	<0.05	16.8	0.218	0.27	8.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058520

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E844119		39	5.4	9.1	7	50.0
E844120		40	5.3	12.4	9	51.6
E844121		39	4.7	7.2	14	56.0
E844122		73	5.5	3.9	9	57.9
E844123		51	1.6	16.8	10	16.5
E844124		48	1.6	15.7	9	14.3
E844125		59	1.9	21.9	7	18.4
E844126		65	2.0	16.8	9	15.1
E844127		64	16.9	10.6	115	23.9
E844128		48	2.2	19.0	9	17.4
E844129		53	2.5	17.0	14	16.1
E844130		47	0.9	12.2	10	15.7
E844131		61	1.9	16.4	7	23.8
E844132		88	1.4	20.3	11	25.6
E844133		<1	<0.1	2.0	5	30.9
E844134		50	0.9	28.9	13	23.3
E844135		49	0.7	34.2	6	20.3
E844136		53	0.7	16.1	10	28.6
E844137		44	0.8	16.9	10	18.4
E844138		48	0.8	17.0	12	20.2
E844139		83	1.3	16.3	26	27.1
E844140		94	2.1	15.5	13	25.0
E844141		50	1.2	11.3	14	16.3
E844142		235	15.0	32.8	19	90.1
E844143		268	16.8	32.5	17	96.2
E844144		69	4.0	20.6	11	48.3
E844145		102	2.1	19.5	6	32.3
E844146		45	1.1	19.7	6	20.9
E844147		65	1.6	11.4	9	23.0
E844148		66	3.9	14.4	26	30.2
E844149		96	1.6	14.5	11	26.8
E844150		95	2.3	13.2	12	31.1
E844151		83	5.1	18.9	8	33.7
E844152		76	1.7	14.4	7	22.1
E844153		69	17.3	11.9	127	24.1
E844154		87	4.1	16.6	10	30.7
E844155		130	5.5	19.7	13	43.4
E844156		1	<0.1	2.4	3	30.6
E844157		95	1.8	13.3	6	29.5
E844158		76	1.4	12.7	21	31.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058520

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844159		7.53	<0.005	<0.01	7.72	1.4	170	0.91	0.05	8.19	<0.02	144.50	15.5	40	1.62	401.0
E844160		7.80	0.018	<0.01	6.84	1.5	150	0.80	0.10	9.73	<0.02	116.00	12.8	31	1.37	372.0
E844161		7.47	0.009	0.02	6.27	6	150	5.34	0.16	14.05	<0.02	129.00	12.4	24	1.36	1305.0
E844162		7.15	0.016	0.07	6.30	2.0	100	1.39	0.24	6.40	<0.02	39.30	21.7	32	0.89	491.0
E844163		7.63	0.019	0.09	7.71	2.2	80	2.24	0.13	9.64	<0.02	65.20	8.0	46	0.66	152.0
E844164		7.32	<0.005	0.11	6.99	6	60	2.69	0.10	12.30	0.03	110.00	5.6	40	0.51	435.0
E844165		7.55	0.005	<0.01	6.24	6	80	0.59	0.06	11.05	<0.02	97.30	4.8	33	0.72	670.0
E844166		7.83	<0.005	<0.01	6.88	1.5	120	0.67	0.08	9.93	<0.02	193.50	6.1	30	1.05	318.0
E844167		3.47	0.005	<0.01	5.98	5	90	0.89	0.24	17.15	<0.02	47.80	13.1	27	0.83	48.6
E844168		8.26	0.014	0.03	7.33	5.1	80	0.78	0.19	6.01	<0.02	35.50	57.8	34	1.20	1475.0
E844169		8.57	<0.005	<0.01	7.53	<5	90	1.47	0.74	12.75	<0.02	128.50	5.5	37	0.82	136.5
E844170		2.99	<0.005	<0.01	2.69	6	40	0.44	0.05	24.80	<0.02	27.30	31.4	14	0.42	47.7
E844171		2.29	<0.005	<0.01	11.00	0.7	930	3.46	0.06	0.61	<0.02	116.50	8.7	93	13.65	4.0
E844172		6.64	<0.005	<0.01	10.85	0.6	910	3.63	0.05	0.59	<0.02	121.00	9.0	93	13.30	3.1
E844173		6.98	<0.005	0.06	9.94	0.6	1020	4.34	0.06	0.16	<0.02	114.50	10.7	67	12.95	18.8
E844174		7.07	<0.005	0.01	9.87	<0.2	1140	4.36	<0.01	0.16	<0.02	96.00	6.0	72	12.10	1.5
E844175		6.60	<0.005	0.02	10.20	0.7	1250	4.50	<0.01	0.13	<0.02	96.70	11.5	81	11.80	1.7
E844176		3.30	<0.005	0.02	9.67	0.4	1350	4.47	0.04	0.32	<0.02	95.00	8.9	72	11.75	2.3
E844177		3.59	<0.005	0.02	9.79	0.3	1390	4.09	0.06	0.25	0.02	89.50	8.1	72	11.15	2.0
E844178		6.32	0.006	0.01	10.35	0.2	1630	4.16	<0.01	0.13	<0.02	99.40	6.7	61	11.10	3.1
E844179		6.84	<0.005	0.01	10.50	<0.2	1830	4.12	<0.01	0.10	<0.02	117.00	6.6	65	11.30	1.6
E844180		6.69	<0.005	0.01	10.55	0.3	2070	4.20	<0.01	0.11	<0.02	120.00	7.3	65	10.60	30.5
E844181		5.63	<0.005	0.02	10.40	1.6	2270	4.51	<0.01	0.11	<0.02	129.50	5.4	61	10.20	6.9
E844182		5.43	<0.005	0.01	10.10	0.4	2210	4.45	<0.01	0.11	<0.02	117.50	5.8	56	9.38	5.1
E844183		3.71	<0.005	0.01	10.05	0.5	2350	3.97	<0.01	0.15	<0.02	134.50	8.3	56	9.98	9.4
E844184		9.63	0.062	0.02	5.07	1.9	280	1.18	0.28	0.22	<0.02	67.60	58.8	32	5.14	222.0
E844185		5.82	0.024	0.03	7.27	1.9	610	1.66	0.07	0.26	<0.02	156.50	34.2	48	6.39	76.3
E844186		0.07	0.916	38.70	4.72	1380.0	530	0.59	34.30	6.80	0.34	25.70	46.1	280	1.34	4400.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058520

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844159		5.76	17.40	0.22	1.0	0.082	1.62	77.9	18.4	1.14	1710	0.73	2.74	5.5	11.8	720
E844160		5.01	15.80	0.19	1.0	0.071	1.26	62.8	13.3	0.82	2050	0.50	2.71	4.1	4.3	670
E844161		4.30	15.35	0.22	0.8	0.107	1.26	69.1	8.0	0.44	2310	1.19	2.66	4.0	2.5	560
E844162		5.10	13.90	0.14	0.6	0.045	0.78	22.7	5.6	0.28	977	0.69	3.50	3.5	4.4	600
E844163		5.02	16.65	0.16	0.8	0.035	0.53	34.2	3.4	0.20	1590	2.49	5.07	4.4	9.6	640
E844164		3.74	15.05	0.18	1.0	0.045	0.45	58.0	2.3	0.17	1890	2.04	4.45	6.5	5.3	610
E844165		4.39	14.00	0.16	0.8	0.054	0.60	50.9	7.5	0.53	1865	0.41	3.46	5.7	2.2	580
E844166		4.61	15.35	0.24	0.9	0.060	0.94	103.5	14.3	1.03	2220	0.63	3.08	4.3	5.1	760
E844167		3.69	12.30	0.13	1.1	0.053	0.77	26.3	6.5	0.39	2090	4.63	3.18	4.7	1.8	540
E844168		11.15	21.80	0.21	1.3	0.078	0.54	20.3	34.1	3.06	1730	2.60	2.69	5.8	75.6	750
E844169		4.69	16.90	0.20	1.0	0.057	0.80	64.6	12.3	0.78	2190	0.30	4.09	4.8	4.0	650
E844170		4.51	7.61	0.15	0.7	0.024	0.21	12.6	10.0	0.90	1085	1.69	1.13	2.1	19.0	300
E844171		6.60	29.10	0.23	2.8	0.213	5.06	57.3	6.8	0.32	438	0.80	0.23	9.9	47.3	510
E844172		6.35	28.00	0.23	2.8	0.205	4.94	59.4	6.9	0.31	432	0.80	0.23	9.8	44.9	540
E844173		6.77	28.30	0.20	2.8	0.215	4.31	55.4	6.9	0.27	246	1.25	0.19	11.5	47.2	470
E844174		5.55	27.10	0.16	2.2	0.215	4.73	48.2	6.6	0.27	233	0.92	0.18	10.7	40.4	540
E844175		5.76	28.10	0.16	2.1	0.220	4.98	48.1	8.1	0.31	236	0.69	0.34	10.9	43.4	520
E844176		6.83	27.80	0.19	2.2	0.243	4.68	48.0	9.5	0.35	412	1.76	0.18	11.0	48.5	480
E844177		6.75	26.60	0.18	2.0	0.225	4.86	44.9	7.9	0.32	295	1.82	0.16	10.7	44.5	510
E844178		5.64	27.70	0.16	2.5	0.250	4.90	50.0	6.3	0.28	192	0.74	0.18	10.2	36.4	650
E844179		5.33	28.10	0.19	2.7	0.259	5.31	57.6	6.6	0.27	170	0.43	0.18	6.2	31.8	500
E844180		6.08	28.70	0.20	2.8	0.280	5.18	61.0	7.4	0.28	180	0.35	0.17	9.7	34.6	550
E844181		4.71	29.50	0.20	3.1	0.308	5.50	67.5	7.5	0.26	160	0.30	0.20	12.2	25.7	710
E844182		4.88	28.70	0.18	3.3	0.319	4.94	57.5	8.3	0.23	166	0.35	0.15	13.5	26.7	590
E844183		4.72	29.10	0.19	3.0	0.408	4.93	69.4	12.5	0.29	201	0.53	0.14	9.4	22.5	780
E844184		11.05	14.25	0.18	1.0	0.446	2.38	38.1	28.3	0.28	12500	24.00	0.22	7.4	29.8	800
E844185		13.05	20.30	0.23	1.4	0.604	3.61	107.5	76.5	0.44	16550	17.65	0.45	8.9	36.4	760
E844186		4.41	16.15	0.09	0.8	0.238	1.44	19.3	14.6	0.88	1820	750.00	0.74	2.0	24.0	560

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844159		2.2	135.5	<0.002	1.67	1.08	10.0	1	2.0	99.3	0.49	<0.05	15.6	0.212	0.25	7.4
E844160		2.0	105.5	<0.002	1.99	0.84	8.4	1	1.8	127.5	0.38	<0.05	15.0	0.177	0.20	5.7
E844161		1.9	105.5	<0.002	0.62	0.60	10.4	2	1.6	85.7	0.34	0.06	12.7	0.132	0.20	6.2
E844162		1.4	59.7	<0.002	0.62	0.58	5.9	2	1.6	57.4	0.29	0.12	11.9	0.155	0.12	3.9
E844163		5.2	39.0	<0.002	1.34	0.99	6.1	1	1.6	112.5	0.41	0.05	13.4	0.172	0.08	9.5
E844164		8.2	35.2	<0.002	0.82	1.78	7.4	1	2.1	104.0	0.57	0.05	12.5	0.197	0.06	6.1
E844165		1.8	51.4	<0.002	1.79	0.91	8.9	1	2.0	142.0	0.55	<0.05	13.0	0.195	0.08	6.7
E844166		2.0	70.8	<0.002	1.93	0.98	9.2	1	1.9	143.5	0.41	<0.05	15.1	0.181	0.13	6.6
E844167		1.7	54.8	<0.002	2.45	0.59	10.8	1	1.8	167.0	0.42	0.11	11.0	0.168	0.10	3.8
E844168		1.5	43.0	<0.002	0.38	1.31	31.1	<1	2.4	39.5	0.44	0.06	3.5	0.626	0.08	1.6
E844169		3.1	57.5	<0.002	1.55	1.05	11.0	1	1.9	140.0	0.45	0.35	14.9	0.188	0.10	4.9
E844170		1.0	14.7	<0.002	>10.0	0.59	25.9	1	1.2	519.0	0.16	<0.05	1.6	0.211	0.03	0.7
E844171		2.2	390.0	<0.002	0.02	0.69	19.6	1	3.0	44.0	0.57	<0.05	16.8	0.208	1.19	3.2
E844172		2.3	380.0	<0.002	0.02	0.69	19.2	1	2.9	43.0	0.56	<0.05	17.9	0.210	1.16	3.2
E844173		2.6	351.0	<0.002	0.01	0.53	17.1	2	3.3	34.8	0.59	0.07	17.2	0.173	1.03	3.0
E844174		2.1	348.0	<0.002	0.01	0.54	16.6	2	3.0	31.9	0.59	<0.05	16.4	0.214	0.97	2.0
E844175		1.9	348.0	<0.002	0.01	0.59	16.6	2	3.0	31.3	0.59	<0.05	15.7	0.215	0.89	1.9
E844176		1.6	341.0	<0.002	0.01	0.57	19.0	2	3.0	32.5	0.57	0.05	14.6	0.203	0.83	1.7
E844177		1.6	343.0	<0.002	0.01	0.50	18.5	2	2.8	29.0	0.57	0.07	14.2	0.214	0.78	1.5
E844178		1.7	345.0	<0.002	0.01	0.51	16.3	2	3.2	30.4	0.47	<0.05	17.1	0.206	0.74	1.9
E844179		1.8	351.0	<0.002	<0.01	0.71	16.1	2	3.4	30.7	0.21	0.05	18.0	0.245	0.74	2.3
E844180		1.9	344.0	<0.002	0.01	0.62	17.0	2	3.4	32.9	0.48	<0.05	18.9	0.243	0.68	2.7
E844181		1.8	334.0	<0.002	0.05	0.76	16.3	2	3.6	63.1	0.77	<0.05	19.7	0.274	0.64	3.0
E844182		2.1	317.0	<0.002	<0.01	0.51	15.8	2	3.4	30.0	0.83	<0.05	20.0	0.244	0.57	2.7
E844183		2.1	330.0	<0.002	0.01	0.67	14.2	2	3.7	41.3	0.42	<0.05	21.8	0.248	0.60	3.2
E844184		5.9	156.5	0.005	1.79	0.69	8.3	2	5.0	>10000	0.34	0.70	7.2	0.103	0.26	17.9
E844185		5.8	232.0	<0.002	0.92	0.65	11.5	2	5.4	>10000	0.46	0.29	15.8	0.138	0.31	23.2
E844186		69.4	37.0	0.076	0.76	88.30	6.9	9	3.7	326.0	0.12	3.60	1.6	0.120	0.22	2.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058520

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E844159		71	1.4	11.4	20	33.7
E844160		63	1.2	10.7	16	28.6
E844161		58	1.6	58.9	9	26.5
E844162		74	1.7	18.6	8	20.5
E844163		76	1.7	26.3	17	24.4
E844164		64	2.9	30.4	27	29.5
E844165		64	1.7	15.2	9	26.5
E844166		65	1.7	11.6	16	26.8
E844167		67	2.2	28.8	10	34.9
E844168		357	8.8	39.9	51	42.3
E844169		74	1.6	32.8	15	32.3
E844170		133	3.7	46.2	15	24.5
E844171		124	2.5	11.4	4	94.4
E844172		120	2.4	11.0	4	92.1
E844173		92	2.3	8.2	3	87.0
E844174		106	2.1	7.7	2	72.7
E844175		109	2.0	7.8	3	72.1
E844176		100	2.2	8.1	3	71.1
E844177		101	2.1	8.0	2	69.4
E844178		86	2.5	8.3	2	82.9
E844179		82	3.4	7.8	2	88.2
E844180		107	4.1	8.0	3	92.5
E844181		86	5.3	7.5	2	97.2
E844182		70	6.0	8.2	2	105.0
E844183		70	8.4	9.1	2	95.9
E844184		123	14.7	6.9	2	34.8
E844185		94	21.0	9.6	3	49.0
E844186		63	15.5	10.3	112	23.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 28-JUN-2007
Account: EIAFRG

CERTIFICATE TR07058522

Project: Werneckes

P.O. No.: FRG07-01

This report is for 23 Drill Core samples submitted to our lab in Terrace, BC, Canada on 9-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER WES HODSON NEIL P	IAN DUNLOP DAVE KURAN	QUITY ENGINEERING GENERA CHRIS LEE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058522

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844290		7.27	0.586	0.05	7.32	2.5	900	2.47	0.28	7.22	<0.02	66.20	10.8	34	1.50	3700.0
E844291		6.39	0.063	0.04	7.89	2.2	1230	2.61	0.15	3.62	<0.02	70.80	23.4	44	1.72	1570.0
E844292		6.31	0.034	0.03	7.39	2.0	910	2.97	0.07	5.30	<0.02	54.90	17.3	42	1.44	723.0
E844293		6.92	0.044	0.02	7.53	2.7	1370	1.79	0.15	4.66	<0.02	89.40	23.5	40	1.17	1260.0
E844294		6.62	0.051	0.05	7.73	1.8	2110	1.41	0.08	4.99	<0.02	54.30	13.3	39	1.25	4010.0
E844295		6.47	0.139	0.07	7.57	2.1	830	2.52	0.11	5.79	<0.02	86.70	17.4	37	1.50	6300.0
E844296		7.09	0.122	0.04	7.95	2.2	880	3.12	0.17	4.15	<0.02	134.00	29.5	44	2.09	3050.0
E844297		6.86	0.028	0.03	7.85	2.7	950	3.20	0.09	5.37	<0.02	109.00	42.3	42	1.83	945.0
E844298		7.55	0.036	0.03	7.56	3.0	890	2.35	0.13	6.51	<0.02	93.00	54.4	37	2.22	1150.0
E844299		2.31	0.255	0.05	7.91	2.7	3120	1.00	0.12	3.65	0.02	172.50	21.5	39	1.61	6980.0
E844300		5.89	0.026	0.05	7.16	2.2	2710	0.70	0.11	6.78	<0.02	113.00	21.7	29	1.74	641.0
E844301		5.76	0.021	0.03	7.44	1.8	1760	1.27	0.12	5.62	0.02	86.40	15.3	33	1.42	578.0
E844302		5.11	0.254	0.22	7.78	2.6	1120	2.21	0.45	6.88	0.03	334.00	27.5	33	1.73	4950.0
E844303		6.42	0.064	0.04	7.88	2.5	1380	2.05	0.18	4.30	0.19	122.50	24.5	39	1.90	1920.0
E844304		6.51	0.170	0.05	7.84	4.4	1480	2.75	0.27	4.86	0.02	80.40	24.5	36	2.17	3210.0
E844305		4.80	0.057	0.03	7.96	2.6	1730	1.25	0.16	4.03	<0.02	73.20	24.0	36	1.38	1620.0
E844306		1.49	0.049	0.14	6.44	1.8	530	0.95	0.22	7.38	<0.02	225.00	8.8	17	0.44	2830.0
E844307		0.12	<0.005	0.02	1.73	2.9	330	0.36	0.05	5.69	<0.02	20.10	2.5	12	0.67	166.5
E844308		2.30	0.043	0.05	8.52	3.3	2200	0.96	0.16	3.37	<0.02	47.00	22.5	38	1.31	1990.0
E844309		3.27	0.120	0.10	6.54	8	1760	0.90	0.38	10.90	<0.02	95.40	20.2	29	0.70	8900.0
E844310		7.32	0.560	0.04	7.02	2.6	2500	1.02	0.10	5.50	<0.02	168.50	17.7	33	1.27	1190.0
E844311		7.46	0.058	0.04	7.39	2.8	2670	0.96	0.08	7.08	0.02	121.00	20.7	30	1.44	1640.0
E844312		7.07	0.043	0.03	6.96	2.6	1810	1.74	0.09	7.07	0.02	99.30	22.4	28	1.48	1120.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 28-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058522

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844290		1.86	16.75	0.20	1.7	0.043	3.99	43.3	16.8	0.99	829	6.78	1.98	4.6	25.9	800
E844291		2.55	21.80	0.18	1.7	0.031	4.64	44.3	26.5	1.40	552	4.90	1.75	4.7	39.6	880
E844292		2.28	19.60	0.18	1.6	0.022	3.76	34.1	20.9	1.27	699	37.50	2.17	3.8	38.6	870
E844293		1.99	20.30	0.22	1.7	0.020	5.10	50.9	19.1	1.25	597	4.52	1.45	5.0	34.7	1060
E844294		1.89	21.30	0.20	1.7	0.036	5.90	32.2	13.7	1.06	678	33.60	1.00	5.6	32.1	720
E844295		2.39	19.30	0.22	1.6	0.046	3.92	53.3	16.3	1.07	692	9.00	2.14	5.1	35.3	640
E844296		3.46	23.30	0.26	2.2	0.045	4.32	78.2	20.6	1.25	680	1.04	2.01	6.2	39.6	820
E844297		4.12	21.40	0.25	2.1	0.027	4.36	61.9	17.1	1.12	769	0.79	1.99	6.3	29.1	720
E844298		4.01	20.20	0.22	1.9	0.022	3.57	53.5	19.8	1.35	1055	0.87	2.01	7.1	34.4	860
E844299		2.02	23.30	0.30	2.0	0.066	5.77	107.0	9.4	0.86	602	6.58	0.84	7.1	33.7	790
E844300		1.76	20.30	0.25	1.8	0.025	6.55	70.1	12.8	1.28	1005	82.40	0.59	5.6	28.7	740
E844301		1.64	22.10	0.20	2.0	0.031	6.01	54.1	14.5	1.11	833	1.38	1.12	6.9	32.8	730
E844302		2.05	20.80	0.41	1.9	0.054	4.34	210.0	13.1	0.98	1040	2.91	2.42	5.7	29.6	790
E844303		2.11	21.50	0.24	2.1	0.036	5.75	77.7	17.5	1.16	685	1.67	1.68	6.9	31.8	840
E844304		1.86	20.50	0.20	2.0	0.041	5.56	50.6	14.3	1.10	676	2.18	1.51	5.8	28.7	810
E844305		1.42	21.70	0.22	2.4	0.034	5.78	45.8	11.4	0.84	561	0.93	1.91	6.7	28.4	750
E844306		1.03	16.10	0.33	1.1	0.033	1.16	142.5	5.9	0.52	961	0.53	3.88	2.7	16.2	470
E844307		0.60	5.21	0.12	0.5	0.019	0.97	12.6	1.5	0.23	866	0.25	0.57	1.4	7.4	190
E844308		1.62	22.00	0.19	1.9	0.032	7.05	29.6	11.8	0.97	497	0.79	1.26	5.8	32.1	970
E844309		1.93	16.20	0.22	1.1	0.069	4.95	59.4	5.4	0.86	1205	8.84	0.94	3.3	23.1	800
E844310		1.39	20.50	0.31	1.7	0.030	5.81	101.0	11.0	0.93	744	2.16	0.90	5.6	28.1	850
E844311		1.66	20.70	0.25	1.6	0.033	6.36	70.7	12.6	1.11	843	1.53	0.78	5.7	25.6	760
E844312		1.98	17.85	0.22	1.7	0.028	5.47	58.1	15.7	1.56	914	1.02	1.06	4.8	22.8	770

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07058522

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844290		5.0	189.5	<0.002	0.88	0.47	14.5	6	1.5	128.0	0.37	0.42	13.7	0.160	0.19	7.0
E844291		6.0	252.0	<0.002	0.34	0.38	16.6	3	1.8	85.7	0.40	0.29	16.3	0.233	0.23	4.4
E844292		4.1	193.5	<0.002	0.18	0.34	16.9	2	1.6	91.9	0.34	0.17	14.1	0.233	0.17	2.9
E844293		3.6	217.0	<0.002	0.32	0.32	13.6	3	1.6	87.5	0.41	0.43	16.1	0.209	0.15	3.1
E844294		7.3	252.0	<0.002	0.40	0.33	14.9	6	2.0	111.0	0.45	0.50	15.2	0.204	0.18	2.5
E844295		2.9	223.0	<0.002	0.71	0.28	13.3	6	1.9	77.1	0.41	0.77	13.6	0.188	0.16	3.2
E844296		3.4	263.0	<0.002	0.53	0.29	13.2	2	2.0	67.9	0.51	0.29	17.1	0.252	0.23	3.5
E844297		3.2	247.0	<0.002	0.43	0.25	12.3	2	1.8	78.0	0.51	0.10	16.8	0.248	0.20	3.3
E844298		3.5	226.0	<0.002	0.69	0.24	11.5	2	1.9	96.6	0.60	0.25	15.2	0.282	0.23	3.1
E844299		7.0	210.0	<0.002	0.84	0.40	11.9	8	3.2	129.0	0.51	1.11	16.5	0.198	0.30	2.7
E844300		4.4	264.0	<0.002	0.21	0.33	11.2	3	2.0	148.5	0.47	0.52	18.3	0.199	0.26	2.5
E844301		5.4	222.0	<0.002	0.13	0.33	11.4	2	2.5	102.5	0.55	0.31	14.2	0.230	0.21	2.5
E844302		6.2	180.0	<0.002	0.75	0.35	11.0	7	2.2	106.0	0.46	0.79	19.9	0.188	0.22	2.8
E844303		5.8	239.0	<0.002	0.36	0.35	10.6	3	2.2	89.2	0.56	0.35	16.5	0.243	0.25	2.7
E844304		4.6	243.0	<0.002	0.50	0.54	10.9	4	1.9	110.0	0.46	0.55	15.3	0.190	0.23	3.5
E844305		4.6	218.0	<0.002	0.33	0.40	11.7	3	2.8	103.5	0.51	0.51	15.8	0.214	0.21	3.1
E844306		2.5	45.2	<0.002	0.34	0.20	8.2	4	1.0	82.1	0.21	0.36	8.1	0.083	0.04	1.8
E844307		2.2	43.1	<0.002	0.02	0.38	5.4	2	0.5	65.8	0.09	<0.05	3.3	0.039	0.06	0.7
E844308		2.9	254.0	<0.002	0.36	0.34	10.2	3	2.0	102.0	0.45	0.43	14.4	0.189	0.22	2.4
E844309		2.7	160.0	<0.002	1.25	0.22	12.2	8	1.6	177.0	0.26	0.85	11.5	0.116	0.13	2.0
E844310		4.1	212.0	<0.002	0.26	0.42	10.9	3	2.2	159.0	0.43	0.41	17.1	0.183	0.18	3.8
E844311		4.1	250.0	<0.002	0.33	0.35	10.8	3	2.3	184.0	0.45	0.40	15.7	0.201	0.20	2.3
E844312		4.4	235.0	<0.002	0.26	0.25	9.5	2	2.0	146.0	0.41	0.46	14.0	0.205	0.17	2.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 28-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058522

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E844290		59	2.9	19.6	6	58.1
E844291		91	1.7	13.7	8	57.8
E844292		89	1.4	18.0	10	49.8
E844293		75	3.0	13.6	7	54.5
E844294		81	2.9	16.8	7	55.5
E844295		67	2.3	17.1	5	54.4
E844296		74	1.7	21.1	12	76.5
E844297		66	1.6	21.9	9	68.8
E844298		64	1.0	22.0	17	61.7
E844299		72	4.3	16.4	8	67.2
E844300		62	3.3	19.0	10	58.1
E844301		64	5.9	20.9	14	65.4
E844302		53	3.9	27.4	14	64.6
E844303		59	2.1	19.9	20	70.5
E844304		59	3.2	20.9	10	72.2
E844305		61	3.3	16.5	9	79.1
E844306		28	3.2	26.5	6	32.9
E844307		21	4.2	11.5	6	15.9
E844308		67	3.2	12.2	8	63.4
E844309		59	3.1	26.2	3	37.7
E844310		62	4.2	19.6	8	55.1
E844311		56	3.1	19.9	8	51.4
E844312		50	3.1	20.1	9	54.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

CERTIFICATE TR07061031

Project: Werneckes

P.O. No.: FRG07-01

This report is for 162 Drill Core samples submitted to our lab in Terrace, BC, Canada on 16-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 12-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844313		6.70	0.047		0.10	5.73	3.1	2460	0.53	0.04	6.21	<0.02	175.50	13.1	28	0.93
E844314		4.31	0.036		0.04	6.19	1.6	2960	0.37	0.03	6.69	<0.02	259.00	13.0	42	1.22
E844315		4.28	0.055		0.03	5.88	<5	2630	0.50	0.06	12.15	<0.02	101.50	19.0	29	1.10
E844316		6.75	0.035		0.04	6.94	3.3	1590	1.41	0.25	6.75	<0.02	137.50	47.5	38	2.67
E844317		7.45	0.047		0.02	6.93	2.4	1250	1.88	0.20	4.78	<0.02	48.90	29.2	44	3.91
E844318		7.17	0.088		0.05	6.91	2.1	1620	1.77	0.17	6.71	0.03	180.50	22.8	35	4.61
E844319		5.02	0.017		0.03	7.39	1.9	2180	1.07	0.14	8.91	<0.02	132.00	9.7	34	1.96
E844320		4.72	0.027		0.03	7.06	2.1	1740	1.77	0.17	5.35	<0.02	155.50	19.5	39	3.99
E844321		4.36	0.005		0.06	6.17	2.2	450	1.94	0.49	7.24	<0.02	100.50	41.8	32	4.10
E844322		6.77	0.006		0.05	6.94	1.2	460	1.92	0.19	4.99	<0.02	81.80	19.9	38	4.01
E844323		7.17	0.005		0.04	6.97	0.6	470	1.72	0.23	6.15	<0.02	113.00	20.7	37	3.37
E844324		7.14	<0.005		0.04	7.33	1.6	460	1.91	2.25	4.84	0.03	83.30	26.0	39	4.34
E844325		4.39	<0.005		0.05	7.41	2.1	550	1.63	3.14	4.72	0.08	139.00	24.1	41	4.62
E844326		4.16	0.008		0.04	6.93	3.0	650	2.43	0.38	5.42	<0.02	125.50	39.7	33	6.07
E844327		3.24	0.024		0.01	8.29	3.2	1730	2.37	0.14	2.69	<0.02	124.50	22.8	48	2.79
E844328		0.07	<0.005		0.01	0.06	0.2	10	<0.05	<0.01	0.01	0.03	2.36	0.1	1	<0.05
E844329		3.23	0.222		0.08	6.28	5.3	2600	0.40	0.09	5.27	0.03	372.00	12.3	30	1.32
E844330		4.48	0.029		0.03	6.72	1.7	2080	1.52	0.05	1.98	<0.02	59.20	12.2	42	2.22
E844331		0.08	0.896		39.70	4.29	1090.0	540	0.74	32.60	6.49	<0.02	25.50	44.0	268	1.08
E844332		4.69	0.011		0.03	6.51	0.7	>10000	0.27	0.06	3.38	<0.02	139.50	4.0	28	0.21
E844333		4.77	0.008		0.02	5.86	0.7	1160	0.21	0.07	4.09	<0.02	406.00	4.2	33	0.22
E844334		6.00	0.007		0.03	5.80	0.7	1240	0.30	0.09	3.98	<0.02	148.50	3.8	35	0.16
E844335		4.48	<0.005		<0.01	7.34	0.6	4440	0.41	0.06	1.09	<0.02	94.50	1.8	29	0.14
E844336		5.84	0.005		0.02	7.19	0.7	840	0.40	0.10	3.17	<0.02	136.00	4.4	37	0.15
E844337		5.10	0.005		0.02	7.31	0.7	380	0.91	0.09	2.31	<0.02	138.50	8.3	42	0.46
E844338		5.51	0.008		0.02	6.75	1.0	430	1.72	0.12	3.07	<0.02	105.00	27.3	38	1.75
E844339		3.52	<0.005		0.05	6.47	2.4	150	1.26	0.18	6.63	0.03	43.40	36.8	39	1.51
E844340		6.03	<0.005		0.03	6.08	1.5	40	0.49	0.11	4.28	<0.02	77.80	26.7	32	0.39
E844341		4.95	0.005		0.03	6.27	2.1	70	0.52	0.13	5.79	<0.02	43.10	37.5	35	0.56
E844342		2.79	0.021		0.05	6.76	3.0	100	0.88	0.19	5.66	<0.02	27.60	84.8	31	0.69
E844343		0.11	0.008		0.04	4.99	2.9	200	2.92	0.26	4.76	0.04	27.10	72.8	29	1.12
E844344		3.18	0.008		0.06	6.44	2.5	120	0.82	0.17	7.65	<0.02	66.70	68.0	27	0.92
E844345		4.20	0.014		0.02	6.65	2.5	50	0.45	0.10	4.03	<0.02	25.30	54.2	28	0.33
E844346		6.80	<0.005		0.01	6.80	0.2	20	0.85	0.02	0.88	<0.02	6.65	28.4	106	0.80
E844347		3.29	<0.005		0.02	6.47	0.9	70	2.09	0.02	2.51	<0.02	12.45	22.4	34	0.31
E844348		2.33	0.007		0.05	7.36	0.8	30	0.58	0.05	2.13	<0.02	4.70	23.8	19	0.28
E844349		6.24	<0.005		0.02	6.44	2.6	30	0.41	0.06	5.91	<0.02	9.08	88.6	22	0.20
E844350		7.29	0.006		0.04	6.54	2.9	30	0.41	0.07	5.62	<0.02	16.65	113.0	21	0.19
E844351		3.34	0.010		0.08	6.97	2.3	110	0.36	0.12	3.06	<0.02	4.60	58.1	28	0.16
E844352		7.04	0.009		0.09	6.74	2.1	20	0.32	0.10	3.72	<0.02	9.99	58.3	23	0.10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844313		1605.0	1.40	16.15	0.20	1.2	0.031	4.31	91.6	8.9	1.15	921	6.20	0.98	3.3	17.1
E844314		1275.0	1.72	20.80	0.21	1.4	0.024	5.04	149.5	15.4	1.34	863	14.60	0.51	3.5	30.7
E844315		1530.0	1.56	15.05	0.14	1.3	0.026	4.90	54.6	11.6	1.04	1310	17.10	0.69	2.9	19.1
E844316		882.0	2.44	16.90	0.15	1.6	0.025	5.31	72.6	18.2	1.14	851	1.50	1.13	5.5	24.3
E844317		1055.0	2.36	17.90	0.12	1.8	0.031	4.98	26.8	20.7	1.07	654	0.68	1.46	6.3	24.6
E844318		2710.0	1.97	17.95	0.21	1.6	0.042	5.12	107.0	19.9	1.04	857	1.06	1.14	4.4	25.2
E844319		917.0	1.46	16.15	0.15	1.1	0.018	5.73	80.7	11.2	0.88	1130	1.88	0.67	5.9	17.3
E844320		716.0	2.03	18.55	0.19	1.5	0.024	5.04	86.8	23.1	1.14	777	0.51	1.30	6.1	26.0
E844321		136.5	4.77	17.10	0.14	1.7	0.023	3.18	54.5	38.8	1.77	1540	0.83	1.43	9.6	31.4
E844322		117.5	4.41	18.05	0.13	2.0	0.029	3.64	39.7	31.4	1.24	2650	0.73	1.44	12.0	24.8
E844323		54.7	4.47	17.45	0.18	1.9	0.029	3.43	53.5	28.9	1.37	3720	0.63	1.54	11.4	23.6
E844324		91.7	4.60	18.30	0.16	2.0	0.083	3.87	39.1	20.3	1.13	5150	0.84	0.88	12.1	24.5
E844325		86.6	4.35	19.35	0.18	2.1	0.091	4.14	64.1	22.1	1.02	5580	0.87	0.69	13.2	24.6
E844326		314.0	4.49	17.85	0.17	1.9	0.037	3.30	61.7	30.7	1.35	2190	0.85	1.38	10.0	27.8
E844327		737.0	1.72	22.20	0.17	2.4	0.029	6.63	77.4	20.5	0.84	563	0.75	1.06	7.0	23.4
E844328		2.0	0.02	0.14	0.05	0.7	<0.005	0.01	1.4	1.9	<0.01	<5	0.12	<0.01	0.2	0.9
E844329		>10000	2.16	17.55	0.24	1.7	0.122	4.31	223.0	9.4	0.70	966	0.80	0.32	4.4	24.9
E844330		628.0	1.19	17.85	0.11	2.1	0.033	6.02	30.9	16.0	0.60	424	0.56	0.65	6.4	24.5
E844331		4350.0	4.16	13.10	0.31	0.8	0.205	1.34	17.6	13.7	0.80	1755	717.00	0.65	1.8	20.9
E844332		54.1	6.55	16.60	0.17	0.9	0.010	0.06	80.8	0.8	1.08	2730	1.58	5.24	2.9	11.5
E844333		2.6	7.68	15.60	0.28	0.9	0.011	0.03	232.0	0.9	1.30	2550	1.60	4.64	2.7	12.5
E844334		4.9	7.82	15.50	0.19	1.0	0.011	0.03	85.1	0.9	1.20	2640	1.92	5.04	4.3	10.6
E844335		1.4	1.23	19.90	0.10	1.3	0.005	0.04	53.4	0.7	0.40	1000	0.75	6.20	5.5	5.1
E844336		2.7	3.72	20.20	0.17	1.6	0.010	0.04	70.5	1.0	0.69	2700	2.18	6.43	5.6	8.3
E844337		2.3	6.16	18.60	0.21	1.6	0.011	0.13	72.0	11.7	1.06	1565	3.04	5.23	5.5	25.9
E844338		6.8	7.26	16.80	0.19	1.3	0.034	0.83	51.8	15.6	0.75	1330	10.85	3.91	4.2	30.5
E844339		20.8	7.41	15.20	0.15	1.2	0.018	0.45	22.3	20.9	1.93	1925	10.35	3.27	4.5	25.7
E844340		2.5	6.28	15.25	0.16	1.0	0.012	0.11	39.1	16.4	1.34	1240	3.53	3.96	5.3	22.7
E844341		6.3	5.64	14.15	0.12	1.0	0.013	0.20	22.6	11.1	0.90	1465	4.70	4.15	4.9	21.3
E844342		10.0	5.70	15.65	0.12	1.1	0.013	0.24	13.6	13.0	0.91	1990	19.20	4.53	5.5	34.8
E844343		33.1	4.04	11.75	0.12	0.9	0.012	0.28	12.2	17.2	1.10	3300	18.20	2.73	3.7	35.9
E844344		8.2	4.95	13.05	0.14	1.7	0.024	0.50	34.1	8.2	0.57	2580	14.80	3.92	8.3	21.6
E844345		5.2	7.00	13.15	0.13	0.8	0.009	0.19	12.6	4.8	0.32	1540	11.35	4.87	4.5	19.6
E844346		5.1	8.44	31.10	0.22	0.5	0.015	0.04	3.5	58.9	5.77	1190	0.70	2.43	2.0	171.5
E844347		86.8	5.61	14.75	0.13	0.6	0.015	0.11	5.9	10.7	1.03	976	1.09	4.54	2.7	18.0
E844348		655.0	1.91	16.85	0.08	1.5	0.016	0.17	2.2	1.8	0.42	992	2.79	6.26	6.7	7.8
E844349		376.0	8.12	12.95	0.21	0.8	0.022	0.10	5.0	1.7	0.43	1400	0.68	4.61	4.2	27.7
E844350		427.0	9.25	14.05	0.23	0.6	0.022	0.11	9.5	0.5	0.12	1280	1.94	4.74	4.0	34.5
E844351		1525.0	8.04	15.15	0.18	0.7	0.014	0.03	2.4	0.3	0.06	889	2.12	5.70	3.8	17.2
E844352		897.0	8.57	13.75	0.18	0.7	0.013	0.03	5.5	0.4	0.09	777	2.41	5.18	3.6	17.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844313		720	6.3	169.5	<0.002	0.25	0.33	8.6	2	1.6	177.0	0.28	0.56	12.0	0.124	0.14
E844314		630	4.5	217.0	<0.002	0.17	0.31	13.0	2	2.0	190.0	0.33	0.36	10.4	0.160	0.14
E844315		790	8.2	193.5	<0.002	0.33	0.23	12.7	2	1.5	252.0	0.26	0.60	14.3	0.127	0.13
E844316		850	5.6	244.0	<0.002	0.61	0.28	10.0	2	2.2	166.0	0.47	0.79	13.3	0.221	0.23
E844317		680	6.1	230.0	<0.002	0.43	0.27	10.5	2	2.1	152.0	0.56	0.31	13.5	0.236	0.27
E844318		760	7.0	231.0	<0.002	0.49	0.32	10.2	2	2.0	190.5	0.38	0.60	15.7	0.176	0.28
E844319		710	4.5	207.0	<0.002	0.16	0.37	8.3	2	1.4	186.5	0.47	0.27	7.9	0.159	0.20
E844320		840	9.4	205.0	<0.002	0.28	0.34	10.0	2	1.9	157.0	0.53	0.31	19.0	0.229	0.24
E844321		740	3.5	306.0	0.002	0.64	0.16	10.0	1	2.9	125.5	0.81	0.17	13.4	0.281	0.26
E844322		720	3.1	312.0	<0.002	0.31	0.14	10.9	1	2.6	76.3	0.99	<0.05	14.2	0.341	0.28
E844323		730	3.3	303.0	<0.002	0.25	0.13	10.3	1	2.6	89.2	0.92	0.05	13.8	0.328	0.27
E844324		720	7.8	293.0	<0.002	0.52	0.15	10.8	2	2.8	67.1	0.95	0.07	14.0	0.345	0.36
E844325		750	13.0	281.0	<0.002	0.50	0.17	11.3	2	2.8	81.9	1.05	<0.05	14.4	0.367	0.38
E844326		630	5.2	228.0	<0.002	0.50	0.37	10.4	1	2.2	147.5	0.82	0.06	13.3	0.300	0.34
E844327		550	4.7	298.0	<0.002	0.40	0.62	10.5	3	2.4	128.0	0.62	0.14	14.5	0.227	0.27
E844328		20	1.2	0.5	<0.002	0.01	<0.05	0.2	2	<0.2	2.0	<0.05	<0.05	0.3	0.005	<0.02
E844329		510	6.4	146.5	<0.002	1.06	0.56	10.7	6	3.2	185.0	0.41	1.43	15.7	0.135	0.22
E844330		540	2.7	228.0	<0.002	0.37	0.52	8.6	1	2.3	109.5	0.54	0.09	12.1	0.184	0.34
E844331		550	69.6	33.8	0.063	0.74	86.40	6.4	5	3.1	282.0	0.12	3.64	1.4	0.115	0.20
E844332		730	3.6	1.8	<0.002	0.36	0.56	6.9	1	2.2	728.0	0.37	0.11	8.0	0.140	<0.02
E844333		750	4.2	0.7	<0.002	0.04	0.63	8.8	1	2.6	102.5	0.31	0.11	18.7	0.142	<0.02
E844334		760	2.7	0.5	<0.002	0.04	0.84	7.7	1	2.6	99.9	0.52	0.08	10.7	0.160	<0.02
E844335		750	2.0	2.0	<0.002	0.30	1.47	2.1	1	1.5	1920.0	0.45	0.08	11.8	0.114	<0.02
E844336		780	3.3	0.8	<0.002	0.03	1.42	8.5	1	1.7	95.1	0.50	0.08	13.2	0.162	<0.02
E844337		780	3.1	9.4	<0.002	0.02	0.69	7.8	2	2.4	109.5	0.50	0.07	14.0	0.168	0.02
E844338		700	6.8	55.7	<0.002	0.05	0.88	8.7	2	2.8	64.6	0.37	0.10	13.4	0.145	0.09
E844339		610	4.3	27.7	<0.002	0.07	0.68	11.7	2	1.9	80.4	0.45	0.05	12.7	0.155	0.12
E844340		730	2.8	5.7	<0.002	0.04	0.60	7.0	<1	1.7	40.9	0.46	<0.05	12.5	0.143	0.02
E844341		680	2.7	12.8	<0.002	0.08	0.58	7.2	1	1.7	47.6	0.41	0.07	12.5	0.133	0.04
E844342		660	3.4	13.6	<0.002	0.16	0.86	10.4	1	2.6	57.9	0.42	0.11	11.0	0.189	0.06
E844343		550	4.7	18.1	<0.002	0.03	0.79	6.2	1	1.5	53.5	0.32	0.09	10.8	0.116	0.12
E844344		760	2.7	36.0	<0.002	0.16	1.19	17.0	1	6.0	54.7	0.59	0.12	9.0	0.409	0.11
E844345		720	2.0	12.2	<0.002	0.11	0.58	8.1	2	1.8	40.6	0.41	0.07	11.6	0.155	0.04
E844346		280	0.8	1.9	<0.002	<0.01	0.70	30.7	<1	1.3	13.8	0.15	0.06	1.3	0.172	<0.02
E844347		500	1.7	7.8	<0.002	0.13	0.36	5.5	2	1.3	25.0	0.24	<0.05	8.3	0.099	0.03
E844348		730	2.3	11.3	0.002	0.19	0.41	3.9	1	1.6	21.1	0.50	<0.05	11.7	0.103	0.05
E844349		650	3.0	6.5	<0.002	0.69	0.58	6.8	1	2.0	37.1	0.33	0.08	11.0	0.139	0.03
E844350		700	3.3	8.0	<0.002	0.71	0.48	4.9	2	2.1	38.9	0.29	0.09	11.5	0.121	0.02
E844351		700	2.2	0.3	<0.002	0.38	0.50	2.0	2	1.6	42.0	0.37	0.08	10.8	0.137	<0.02
E844352		750	2.5	0.6	<0.002	0.39	0.38	3.0	1	1.6	39.3	0.29	0.08	12.2	0.124	<0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844313		12.2	52	3.0	18.6	9	38.2		
E844314		1.7	92	3.4	17.4	11	43.1		
E844315		15.9	58	2.2	25.1	8	42.2		
E844316		3.2	60	2.1	19.5	11	52.2		
E844317		2.9	59	1.7	16.6	23	58.6		
E844318		3.1	54	2.4	22.3	30	51.1		
E844319		1.8	46	4.0	23.2	13	35.0		
E844320		34.5	56	3.0	21.5	25	48.5		
E844321		2.8	57	0.5	18.4	10	52.1		
E844322		3.3	59	0.8	17.2	3	61.6		
E844323		3.0	58	0.6	18.0	3	57.9		
E844324		3.8	65	1.9	20.6	6	61.5		
E844325		3.8	66	2.4	23.5	17	66.6		
E844326		4.5	59	1.0	20.7	38	58.4		
E844327		3.4	60	1.9	16.4	16	75.8		
E844328		0.2	<1	0.1	1.7	4	21.4		
E844329		2.1	61	7.1	17.6	17	49.0	1.095	
E844330		2.1	51	2.5	12.7	13	66.0		
E844331		2.5	59	15.3	9.9	115	21.4		
E844332		3.9	89	5.6	8.3	8	26.4		
E844333		1.1	112	10.5	10.7	10	25.8		
E844334		1.2	114	6.9	7.7	7	32.7		
E844335		1.3	24	6.4	8.3	3	40.3		
E844336		2.1	53	5.5	9.4	5	50.6		
E844337		2.5	61	2.5	11.0	14	52.2		
E844338		5.5	65	5.2	9.5	19	39.0		
E844339		4.3	82	1.3	11.7	36	40.6		
E844340		5.7	73	1.8	7.1	21	31.8		
E844341		2.4	66	1.7	7.4	16	31.0		
E844342		7.1	79	3.6	11.4	19	35.6		
E844343		4.0	59	1.6	25.3	28	25.7		
E844344		3.6	93	9.9	21.0	16	51.7		
E844345		2.7	77	1.7	7.4	8	24.7		
E844346		0.5	210	1.8	5.0	60	13.7		
E844347		1.2	65	1.4	13.8	11	19.0		
E844348		6.8	24	2.8	5.2	6	44.9		
E844349		1.5	79	2.5	10.0	6	30.2		
E844350		1.5	81	2.0	9.1	5	25.1		
E844351		2.2	76	2.0	7.1	4	29.2		
E844352		2.2	78	2.1	9.8	4	28.7		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844353		7.21	0.008		0.03	5.88	1.9	130	0.62	0.07	7.79	<0.02	20.80	48.7	24	0.59
E844354		7.29	0.007		0.04	6.17	1.1	40	0.37	0.08	7.41	<0.02	22.20	37.4	23	0.28
E844355		5.58	0.012		0.06	7.20	1.4	30	0.46	0.09	5.15	<0.02	15.15	26.4	24	0.15
E844356		3.21	0.020		0.08	8.22	2.0	60	5.02	0.41	2.08	<0.02	17.55	63.9	21	0.29
E844357		5.10	0.011		0.03	8.29	3.1	50	9.46	0.46	1.28	<0.02	7.29	138.0	23	0.28
E844358		4.41	<0.005		<0.01	7.28	0.8	250	1.38	0.09	1.45	<0.02	15.60	31.6	30	0.70
E844359		6.01	<0.005		0.02	6.86	<5	70	6.38	0.02	10.15	<0.02	19.85	11.5	22	0.40
E844360		4.27	0.064		0.22	6.86	1.2	70	0.90	0.51	6.38	<0.02	14.25	55.4	23	0.43
E844361		4.60	0.032		0.08	6.18	1.3	160	3.22	0.23	8.01	<0.02	15.90	29.3	24	0.72
E844362		4.64	0.046		0.05	7.01	<5	230	1.52	0.25	13.20	<0.02	20.50	52.4	19	1.08
E844363		6.36	0.102		0.16	7.08	0.8	1080	1.75	0.85	8.39	<0.02	87.20	10.8	31	1.15
E844364		6.11	0.059		0.08	7.30	1.0	1900	2.64	0.52	7.74	<0.02	158.50	15.2	32	1.33
E844365		6.22	0.026		0.04	7.06	0.6	1480	2.91	0.15	9.28	<0.02	119.00	14.6	28	1.58
E844366		6.12	0.247		0.14	7.26	1.1	3170	1.91	0.59	5.99	<0.02	104.00	17.3	33	1.76
E844367		6.25	0.060		0.15	7.65	0.8	2500	2.42	0.69	7.73	<0.02	82.30	9.1	35	1.22
E844368		6.13	0.056		0.08	6.68	1.9	2370	1.94	0.59	5.72	<0.02	113.00	13.3	27	1.46
E844369		0.08	<0.005		0.02	0.05	0.4	10	<0.05	<0.01	0.02	0.02	2.55	0.1	1	<0.05
E844370		6.28	0.047		0.06	7.41	1.1	3790	2.14	0.32	6.29	<0.02	93.60	12.1	28	1.64
E844371		6.61	0.038		0.05	7.63	1.6	2270	3.03	0.20	5.69	<0.02	86.40	11.6	34	1.96
E844372		6.59	0.040		0.07	7.27	1.2	1550	3.09	0.17	7.00	<0.02	113.50	8.0	31	1.87
E844373		6.69	0.039		0.08	7.49	1.5	1060	3.01	0.28	7.54	<0.02	119.00	8.8	30	2.19
E844374		6.15	0.024		0.05	7.31	1.2	1540	2.97	0.12	7.69	<0.02	116.00	11.0	25	2.50
E844375		6.50	0.086		0.11	6.87	<5	950	2.78	0.27	10.05	<0.02	72.10	8.6	28	1.54
E844376		6.14	0.104		0.09	7.10	0.5	830	3.60	0.19	8.76	<0.02	90.00	9.3	23	1.43
E844377		6.79	0.020		0.04	7.75	1.5	1660	3.54	0.09	4.58	<0.02	115.00	18.9	45	1.61
E844378		7.24	0.113		0.06	7.40	1.1	1560	3.86	0.26	6.34	<0.02	101.50	7.6	39	1.51
E844379		7.03	0.041		0.07	7.37	0.8	1690	4.41	0.44	5.33	<0.02	105.00	9.1	36	1.71
E844380		0.16	0.037		0.01	6.91	0.5	3300	4.48	0.13	4.75	<0.02	138.50	8.1	42	1.37
E844381		7.30	0.109		0.12	7.32	1.7	1610	3.79	0.35	5.43	<0.02	66.50	7.0	35	2.43
E844382		5.97	0.052		0.12	7.16	1.1	1900	2.55	0.69	8.02	<0.02	25.20	11.4	28	2.27
E844383		4.79	0.074		0.09	7.38	0.8	1370	3.59	0.36	5.85	<0.02	51.40	9.3	28	3.52
E844384		1.94	0.227		0.46	7.04	1.4	1280	3.02	2.23	6.48	<0.02	75.10	16.2	31	2.21
E844385		6.75	0.265		0.11	7.79	0.7	1300	3.80	0.60	4.09	<0.02	73.40	11.0	32	3.35
E844386		6.04	0.169		0.23	7.55	1.0	1310	3.72	2.41	3.94	<0.02	127.50	13.6	33	3.21
E844387		2.62	0.511		0.21	7.65	1.0	2150	1.30	2.65	4.13	<0.02	50.00	14.2	36	1.79
E844388		2.36	1.190	1.52	3.99	6.84	3.8	1200	1.29	33.60	0.10	<0.02	58.60	12.1	32	2.42
E844389		3.65	0.090		0.13	6.50	1.3	1850	0.82	0.87	8.97	<0.02	178.00	9.2	27	1.30
E844390		0.08	0.914		37.50	4.53	1325.0	640	0.61	28.90	6.49	<0.02	23.40	43.0	276	1.17
E844391		7.02	0.011		0.08	6.93	7.3	1540	1.82	0.49	9.35	<0.02	70.40	37.3	27	1.18
E844392		7.26	0.014		0.04	7.12	8.1	1130	1.87	0.46	7.49	<0.02	75.00	41.1	33	1.23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844353		767.0	8.52	14.05	0.19	0.5	0.034	0.46	11.8	5.5	0.52	1770	6.50	3.46	5.5	16.3
E844354		1570.0	9.55	13.65	0.18	0.5	0.038	0.18	12.8	5.6	0.63	1760	13.80	3.99	5.1	13.8
E844355		1000.0	7.37	14.90	0.14	0.5	0.018	0.05	8.7	2.4	0.29	1605	15.55	5.41	3.6	8.9
E844356		47.1	0.98	21.50	0.09	1.8	0.013	0.18	9.3	3.0	0.19	925	25.20	6.91	6.4	18.5
E844357		76.4	1.61	21.10	0.14	2.3	0.008	0.13	3.1	2.5	0.16	715	18.30	6.87	7.8	26.5
E844358		88.3	1.37	19.25	0.10	1.5	0.027	0.52	8.2	9.3	0.74	818	5.34	4.93	6.4	20.4
E844359		102.5	3.17	15.45	0.15	0.6	0.026	0.27	9.2	2.9	0.66	2210	2.71	4.72	2.8	6.3
E844360		>10000	6.70	14.90	0.16	0.5	0.113	0.30	7.6	2.7	1.05	2430	4.66	4.74	2.9	18.3
E844361		2910.0	11.20	13.65	0.15	0.6	0.059	0.55	8.9	4.7	0.85	3870	37.40	3.63	6.2	16.4
E844362		1795.0	1.86	15.95	0.09	1.2	0.060	0.81	13.0	9.1	1.00	3420	8.00	3.62	2.5	34.3
E844363		6560.0	1.94	14.60	0.15	1.2	0.084	3.24	61.7	5.8	0.76	2100	12.10	2.08	3.7	18.1
E844364		2940.0	1.62	15.70	0.20	1.4	0.053	4.10	103.5	7.4	0.73	1540	5.32	1.67	4.0	18.6
E844365		2360.0	2.29	14.95	0.14	1.4	0.045	3.43	77.0	10.5	0.92	1865	4.87	1.62	3.1	20.6
E844366		6540.0	1.75	16.30	0.18	1.6	0.070	5.67	73.8	7.1	0.60	1455	18.40	1.06	4.5	18.2
E844367		5610.0	1.60	16.95	0.15	1.4	0.065	5.01	54.6	5.6	0.64	1505	8.30	1.75	5.1	15.6
E844368		2750.0	1.70	16.55	0.17	2.3	0.056	5.29	74.6	5.7	0.52	1240	6.43	1.07	5.5	16.7
E844369		4.5	0.02	0.30	0.05	0.7	<0.005	0.01	1.6	2.0	<0.01	<5	0.08	0.01	0.1	0.4
E844370		2330.0	1.44	18.20	0.16	2.1	0.050	5.96	60.5	8.1	0.67	1355	8.75	1.18	5.4	18.5
E844371		2490.0	1.36	16.70	0.15	1.8	0.049	5.59	53.5	8.0	0.66	979	8.54	1.41	6.0	17.7
E844372		2590.0	1.27	15.80	0.14	1.4	0.041	4.28	77.3	7.5	0.72	1165	20.10	1.93	4.6	14.6
E844373		2400.0	1.35	14.65	0.13	1.4	0.043	3.77	78.2	9.1	0.81	1295	12.60	1.91	4.6	13.7
E844374		1700.0	1.44	15.40	0.14	1.4	0.043	3.60	78.6	10.3	0.81	1440	3.94	1.80	4.4	18.0
E844375		4640.0	1.57	14.90	0.13	1.2	0.042	2.95	46.3	8.3	0.82	1320	8.46	1.82	3.4	18.8
E844376		3660.0	1.43	14.60	0.14	1.3	0.040	2.76	64.8	8.2	0.78	1310	6.39	2.06	3.7	14.5
E844377		1920.0	2.78	20.50	0.19	1.7	0.032	4.89	75.7	9.2	0.68	713	2.12	1.81	4.9	31.7
E844378		3960.0	1.37	17.65	0.14	1.7	0.057	3.71	64.6	6.6	0.54	1025	4.19	2.76	5.5	15.7
E844379		4220.0	1.35	17.10	0.15	2.1	0.081	4.62	64.3	7.9	0.51	1085	5.10	2.47	6.2	16.5
E844380		1675.0	1.27	16.35	0.16	1.7	0.045	3.59	82.5	8.9	0.53	810	1.21	2.61	6.8	27.1
E844381		5030.0	1.72	17.55	0.14	2.1	0.096	4.43	40.0	8.2	0.64	1230	3.76	1.84	6.0	16.8
E844382		7030.0	1.75	18.15	0.11	1.8	0.116	3.81	15.1	6.2	0.80	1955	10.15	1.21	3.7	22.1
E844383		3830.0	2.03	16.70	0.13	1.9	0.145	4.93	32.4	9.5	0.80	1730	3.79	0.83	5.6	21.4
E844384		>10000	3.61	15.90	0.18	1.4	0.242	4.12	46.3	9.0	0.86	1675	3.17	1.46	4.2	28.7
E844385		5970.0	2.35	15.35	0.17	2.7	0.142	4.43	43.8	11.8	0.93	1500	5.70	0.77	3.7	22.0
E844386		>10000	3.66	15.55	0.22	2.2	0.266	4.48	74.6	12.4	0.98	1625	8.23	0.75	2.7	26.7
E844387		>10000	2.66	15.45	0.16	2.0	0.217	6.04	29.2	6.3	0.69	1355	14.45	0.65	3.2	29.2
E844388		>10000	11.40	16.10	0.40	1.1	1.190	3.61	61.4	4.2	0.39	223	136.50	1.26	1.2	41.0
E844389		>10000	2.16	14.95	0.24	1.4	0.075	5.09	99.8	7.7	0.73	2110	16.80	0.41	2.9	25.5
E844390		4320.0	4.27	13.35	0.11	0.7	0.193	1.31	17.4	13.8	0.85	1755	706.00	0.65	1.7	18.4
E844391		1110.0	1.98	16.40	0.13	1.9	0.021	4.90	37.4	13.2	0.91	2020	3.65	0.90	3.4	21.3
E844392		446.0	3.53	17.85	0.16	2.0	0.035	3.95	38.8	15.3	0.94	2180	0.93	1.17	8.0	23.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844353		600	1.9	36.7	<0.002	0.21	0.57	14.7	2	2.7	56.1	0.37	0.08	8.9	0.155	0.08
E844354		500	1.9	12.7	<0.002	0.17	0.39	11.8	1	2.5	50.5	0.30	0.07	8.3	0.135	0.03
E844355		660	2.6	1.9	<0.002	0.12	0.36	6.8	1	1.6	49.6	0.31	0.06	10.6	0.121	<0.02
E844356		700	5.0	8.8	<0.002	0.10	0.42	5.2	1	1.1	42.0	0.46	0.37	13.2	0.133	0.05
E844357		900	6.4	4.9	<0.002	0.19	0.51	3.7	3	1.5	34.3	0.54	0.44	13.5	0.154	0.04
E844358		640	7.1	31.4	<0.002	0.07	0.66	5.8	1	1.6	34.4	0.44	0.08	12.9	0.161	0.10
E844359		440	3.8	17.8	<0.002	0.06	0.37	20.5	2	1.0	61.1	0.25	<0.05	8.6	0.105	0.05
E844360		640	3.3	20.3	<0.002	1.38	0.45	13.4	7	1.1	53.4	0.21	0.09	10.6	0.088	0.05
E844361		690	2.9	34.5	<0.002	0.15	0.62	15.1	2	1.9	81.2	0.44	0.09	11.6	0.166	0.09
E844362		760	2.5	52.3	<0.002	0.42	0.58	14.1	2	0.8	110.5	0.23	0.23	11.5	0.064	0.13
E844363		950	2.5	111.5	<0.002	0.27	0.65	9.8	3	1.6	99.3	0.31	0.79	13.4	0.114	0.20
E844364		810	3.7	133.0	<0.002	0.19	0.62	9.4	2	1.4	123.5	0.35	0.69	15.0	0.127	0.22
E844365		850	3.6	133.0	<0.002	0.14	0.58	9.4	2	1.1	110.5	0.29	0.35	13.8	0.109	0.21
E844366		980	6.6	175.5	<0.002	0.33	0.75	8.5	4	2.2	121.5	0.39	1.02	13.3	0.137	0.31
E844367		810	4.2	151.0	<0.002	0.34	0.53	10.7	3	1.9	140.0	0.44	0.62	13.9	0.130	0.23
E844368		650	4.4	163.0	<0.002	0.17	0.63	8.2	2	1.9	106.5	0.44	0.68	11.6	0.130	0.22
E844369		10	0.8	0.3	<0.002	0.01	<0.05	0.1	1	<0.2	2.1	<0.05	<0.05	0.3	0.005	<0.02
E844370		700	6.6	174.0	<0.002	0.21	0.64	10.3	2	2.2	190.5	0.45	0.43	14.1	0.152	0.25
E844371		940	3.3	167.5	<0.002	0.20	0.64	8.7	2	1.9	130.5	0.51	0.34	13.8	0.176	0.26
E844372		800	4.2	130.5	0.002	0.19	0.56	8.9	2	1.4	142.5	0.40	0.29	13.2	0.133	0.21
E844373		780	4.5	132.5	<0.002	0.16	0.79	9.1	2	1.3	132.5	0.41	0.20	14.4	0.133	0.23
E844374		820	3.7	140.0	<0.002	0.11	0.74	9.8	1	1.2	141.5	0.38	0.17	14.4	0.127	0.25
E844375		830	4.9	109.5	<0.002	0.35	0.40	11.3	3	1.4	170.5	0.30	0.41	13.4	0.108	0.13
E844376		790	3.4	103.0	<0.002	0.12	0.45	9.2	2	1.3	153.0	0.32	0.35	14.4	0.104	0.15
E844377		830	2.7	157.5	<0.002	0.17	0.52	9.3	2	1.6	119.5	0.43	0.23	15.3	0.162	0.19
E844378		740	2.3	122.5	<0.002	0.34	0.54	7.5	3	1.6	126.0	0.47	0.36	13.9	0.142	0.23
E844379		770	3.2	138.5	<0.002	0.30	0.64	7.8	3	1.7	101.5	0.51	0.41	11.9	0.161	0.31
E844380		830	1.5	116.5	<0.002	0.22	0.53	7.0	2	1.8	130.5	0.58	0.14	12.0	0.183	0.22
E844381		690	3.5	160.5	<0.002	0.52	0.87	8.2	3	2.2	94.0	0.50	0.48	13.0	0.153	0.42
E844382		880	2.4	178.0	<0.002	0.26	0.77	13.2	3	1.8	133.0	0.33	0.64	14.0	0.116	0.38
E844383		760	3.7	236.0	<0.002	0.16	1.17	8.3	3	1.8	80.4	0.48	0.27	13.8	0.155	0.59
E844384		720	3.4	172.0	<0.002	1.58	0.86	10.0	13	2.8	135.5	0.37	1.76	13.9	0.132	0.37
E844385		650	3.5	248.0	<0.002	0.21	1.10	7.3	4	1.3	64.8	0.32	0.37	14.1	0.091	0.50
E844386		720	3.7	221.0	<0.002	0.52	1.00	7.9	13	2.1	67.6	0.24	1.30	13.2	0.079	0.44
E844387		1120	3.9	193.5	<0.002	0.42	0.55	10.9	8	3.0	82.4	0.27	1.60	13.0	0.100	0.32
E844388		470	8.0	167.5	0.004	1.64	1.11	8.3	75	13.3	87.2	0.09	15.80	10.7	0.065	0.35
E844389		810	3.6	166.5	<0.002	0.20	0.51	10.0	5	1.9	125.5	0.26	0.62	12.0	0.102	0.20
E844390		570	71.4	34.5	0.081	0.78	94.70	5.1	5	3.2	289.0	0.11	3.54	1.3	0.114	0.17
E844391		790	2.7	172.0	<0.002	0.36	0.76	8.7	2	1.4	128.0	0.31	0.57	11.6	0.143	0.17
E844392		820	3.0	201.0	<0.002	0.38	0.25	9.0	2	2.1	91.3	0.67	0.28	12.3	0.273	0.14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844353		1.9	76	2.9	19.2	11	25.7		
E844354		2.6	89	2.9	12.4	8	22.2		
E844355		2.6	77	2.2	7.3	6	21.8		
E844356		7.2	16	2.9	26.5	8	61.5		
E844357		21.2	20	3.5	47.8	9	78.5		
E844358		18.4	19	3.5	10.9	18	54.0		
E844359		3.8	38	1.7	63.6	10	23.1		
E844360		3.8	48	1.6	13.6	10	22.5	1.285	
E844361		7.4	91	2.4	25.5	14	23.5		
E844362		5.8	28	3.0	18.7	16	40.1		
E844363		7.2	39	4.2	13.7	9	43.2		
E844364		14.5	40	4.7	15.2	9	48.7		
E844365		9.9	61	3.3	20.8	12	48.7		
E844366		14.4	36	6.7	18.0	9	56.4		
E844367		5.3	42	5.7	17.7	8	52.5		
E844368		6.0	39	6.3	15.6	11	77.1		
E844369		0.1	<1	<0.1	1.8	3	26.5		
E844370		4.0	51	6.6	17.0	15	72.9		
E844371		3.6	42	5.7	15.5	11	63.0		
E844372		12.1	37	4.7	16.1	17	47.9		
E844373		4.2	32	4.5	15.4	21	51.6		
E844374		4.1	33	4.2	15.6	29	49.9		
E844375		4.0	38	4.4	17.4	32	44.5		
E844376		7.1	31	3.6	18.2	29	46.4		
E844377		3.0	73	3.8	16.7	28	59.2		
E844378		2.7	40	4.6	14.8	16	60.0		
E844379		5.6	38	5.9	18.2	10	71.5		
E844380		1.4	48	4.8	14.7	10	58.1		
E844381		4.5	43	11.2	16.3	16	70.1		
E844382		3.4	56	7.8	16.3	11	60.6		
E844383		7.4	40	7.8	17.9	14	66.9		
E844384		3.2	52	9.1	15.3	20	50.0	2.13	
E844385		5.6	41	3.7	20.2	19	88.2		
E844386		4.5	44	2.6	18.1	23	68.1	1.340	
E844387		4.5	49	3.8	15.1	15	66.2	1.665	
E844388		20.6	33	2.2	6.7	17	47.2	4.58	
E844389		7.2	47	6.8	14.2	12	42.6	1.420	
E844390		2.3	58	17.0	9.8	110	21.7		
E844391		2.6	46	3.0	18.2	18	61.2		
E844392		2.5	51	1.2	17.0	13	56.9		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844393		7.07	<0.005		0.06	7.30	7.8	770	1.79	0.80	8.84	<0.02	79.70	33.2	32	1.25
E844394		9.99	0.251		0.22	5.92	12	910	2.34	1.62	11.80	0.02	69.90	35.1	22	1.07
E844395		0.08	0.899		37.60	4.45	1350.0	520	0.59	33.10	6.89	0.09	25.60	43.9	278	1.34
E844396		4.40	0.008		0.08	6.44	14.6	960	1.73	2.04	8.61	<0.02	82.40	40.6	26	1.25
E844397		7.14	<0.005		0.05	5.90	22.4	770	1.77	2.58	9.64	<0.02	70.70	56.3	27	1.39
E844398		6.89	<0.005		0.04	6.92	16.2	970	2.10	2.05	8.28	<0.02	77.80	45.1	27	2.12
E844399		7.76	<0.005		0.05	6.59	14.0	570	1.92	1.59	8.20	<0.02	104.00	34.7	27	1.72
E844400		7.29	<0.005		0.05	6.32	15.3	570	1.83	1.51	7.20	<0.02	78.10	43.7	28	2.02
E844401		7.56	<0.005		0.05	6.72	9.7	590	1.57	0.92	7.41	<0.02	65.90	31.4	25	2.08
E844402		7.31	0.008		0.05	6.59	12.4	610	1.75	1.15	8.45	<0.02	102.00	33.9	26	1.85
E844403		7.31	<0.005		0.06	6.91	13.0	680	1.96	1.25	7.90	<0.02	84.50	38.0	27	2.59
E844404		6.95	0.005		0.05	7.08	11.9	1080	2.05	1.12	6.55	<0.02	84.70	38.2	26	2.52
E844405		6.90	0.006		0.06	6.13	20	520	1.76	2.29	10.60	<0.02	92.80	52.1	25	2.58
E844406		7.56	<0.005		0.04	6.58	17.1	520	2.10	2.17	9.34	<0.02	74.00	39.3	25	3.23
E844407		7.82	0.006		0.04	6.88	21.3	530	1.90	2.42	8.51	<0.02	85.70	48.6	25	3.19
E844408		7.40	<0.005		0.04	7.22	14.5	590	2.03	1.68	7.91	<0.02	77.00	36.4	30	3.29
E844409		7.27	<0.005		0.04	6.46	12.9	500	1.86	1.60	9.00	<0.02	76.40	38.4	27	3.88
E844410		7.89	0.005		0.04	6.90	17.2	570	1.88	1.86	8.44	<0.02	74.40	43.5	26	3.67
E844411		6.63	<0.005		0.05	6.74	19.5	530	1.97	2.01	8.23	<0.02	79.10	48.1	27	3.73
E844412		7.59	0.009		0.04	6.61	13.3	820	1.96	1.33	8.61	0.04	84.90	41.9	26	3.72
E844413		6.87	0.013		0.03	7.18	9.1	1290	2.19	0.52	6.42	<0.02	92.80	39.4	32	2.86
E844414		4.65	0.010		0.06	6.92	11.3	820	2.16	0.63	7.99	<0.02	96.40	52.6	26	3.09
E844415		2.85	0.017		0.04	6.77	6.9	1760	2.31	0.39	6.87	0.02	63.70	37.9	23	3.26
E844416		7.20	0.059		0.04	7.08	4.3	2760	1.04	0.35	6.53	0.04	86.30	22.8	27	1.98
E844417		7.09	0.026		0.04	7.22	3.4	3200	1.20	0.24	4.75	0.02	63.50	15.3	36	2.24
E844418		6.90	0.029		0.03	7.34	2.7	2640	1.46	0.19	5.94	0.03	68.30	15.8	31	2.03
E844419		7.03	0.027		0.03	6.98	1.9	2500	1.24	0.13	8.03	0.02	128.50	15.8	27	1.99
E844420		7.42	0.007		0.03	7.24	6.3	1340	2.30	0.30	6.94	<0.02	81.30	35.1	29	4.12
E844421		7.42	0.016		0.04	7.26	4.2	1270	2.04	0.17	6.05	0.02	60.30	24.6	32	2.11
E844422		6.62	0.015		0.04	6.92	4.7	1180	2.14	0.24	5.35	0.02	82.30	29.6	42	1.88
E844423		7.43	0.025		0.04	6.94	2.4	1410	1.70	0.13	7.76	<0.02	83.50	17.5	26	1.45
E844424		0.08	0.016		0.72	7.40	4.8	350	67.50	0.50	2.57	0.12	59.90	21.3	93	0.58
E844425		0.07	0.015		0.02	0.05	<0.2	10	0.08	<0.01	0.01	<0.02	2.63	0.1	1	<0.05
E844426		8.09	0.025		0.06	6.89	3.7	1460	2.24	0.19	6.44	0.02	94.70	25.8	32	2.50
E844427		7.46	0.033		0.02	6.69	2.9	1640	1.63	0.10	3.89	0.02	81.30	22.4	31	1.98
E844428		7.42	0.023		0.02	6.49	1.5	2900	0.56	0.03	4.72	0.02	169.50	11.6	28	1.51
E844429		7.19	0.042		0.01	6.89	2.4	2070	1.21	0.06	3.38	<0.02	84.40	15.9	28	1.61
E844430		6.92	0.068		0.02	6.88	2.1	3040	0.82	0.07	2.07	<0.02	121.00	17.9	33	1.59
E844431		7.61	0.037		0.02	6.97	2.2	2220	1.21	0.07	3.86	0.02	159.00	23.8	28	2.03
E844432		6.53	0.021		0.01	7.34	1.1	910	1.79	0.06	4.68	<0.02	86.70	19.3	30	2.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844393		140.5	3.57	18.85	0.17	2.2	0.077	3.49	41.5	14.2	0.83	3500	1.14	0.59	11.4	22.5
E844394		4100.0	3.21	13.05	0.13	2.0	0.276	3.95	34.4	9.4	0.66	4410	2.80	0.47	9.2	25.2
E844395		4490.0	4.41	12.95	0.17	0.7	0.200	1.41	17.7	12.3	0.84	1785	753.00	0.67	2.0	21.7
E844396		551.0	3.12	16.40	0.14	2.0	0.072	4.16	39.9	11.7	0.82	3780	2.15	0.56	11.4	25.3
E844397		761.0	3.19	15.45	0.14	2.0	0.073	3.54	34.3	12.0	0.76	4170	1.83	0.48	10.6	25.0
E844398		1300.0	3.38	16.80	0.14	2.3	0.084	4.36	37.8	13.1	0.76	4160	1.54	0.43	12.2	25.9
E844399		66.1	2.93	17.40	0.16	2.1	0.113	3.64	50.8	11.0	0.64	4000	1.01	0.33	12.0	24.4
E844400		433.0	4.24	16.35	0.15	1.9	0.102	3.22	38.6	16.3	0.97	3660	1.55	0.43	12.2	23.9
E844401		69.3	3.49	17.85	0.14	2.7	0.089	3.54	32.1	14.0	0.87	3140	0.82	0.61	13.2	21.2
E844402		93.0	3.30	17.10	0.15	2.0	0.091	3.38	50.7	13.3	0.80	3080	0.69	0.73	12.1	20.6
E844403		21.8	3.26	18.25	0.16	2.6	0.085	3.49	41.4	16.6	0.78	2970	0.99	0.88	13.0	20.7
E844404		158.5	3.38	18.10	0.15	2.9	0.064	4.40	40.7	17.4	0.84	2750	1.30	1.01	12.6	23.9
E844405		85.3	3.58	16.00	0.15	1.9	0.103	3.03	46.1	18.9	0.85	4650	2.97	0.55	11.0	22.9
E844406		35.2	3.50	16.80	0.15	2.1	0.129	3.54	35.7	15.0	0.79	5180	0.93	0.20	11.7	21.1
E844407		35.7	3.59	18.20	0.15	2.2	0.142	3.75	41.8	15.1	0.78	4940	0.97	0.19	12.3	23.0
E844408		32.1	3.67	18.45	0.15	2.3	0.150	3.98	36.7	15.2	0.82	5210	0.67	0.16	13.3	21.5
E844409		30.9	4.10	16.65	0.15	1.8	0.146	3.46	36.6	17.7	0.89	6480	0.59	0.13	11.6	22.0
E844410		27.2	3.81	17.80	0.14	2.1	0.153	3.82	36.3	17.7	0.83	5660	0.67	0.16	12.2	21.8
E844411		29.0	3.42	17.40	0.14	2.1	0.132	3.66	38.3	16.0	0.71	5020	0.97	0.20	12.1	23.7
E844412		297.0	3.17	16.30	0.15	2.1	0.077	4.16	41.9	17.6	0.77	3740	0.74	0.74	10.6	23.9
E844413		347.0	2.46	18.50	0.15	2.3	0.036	5.24	45.8	18.6	0.77	1635	0.74	1.29	8.2	23.9
E844414		257.0	2.87	18.05	0.16	2.5	0.029	3.86	47.4	17.5	0.74	2060	1.04	1.53	9.4	22.5
E844415		562.0	1.70	18.10	0.13	3.2	0.033	5.63	29.7	15.5	0.66	1415	0.67	1.18	8.0	22.1
E844416		1200.0	1.47	17.50	0.16	2.0	0.035	6.90	41.4	12.8	0.62	1390	2.08	0.65	7.0	19.7
E844417		892.0	1.15	18.70	0.13	2.2	0.039	7.49	30.2	10.5	0.49	926	2.26	0.78	7.8	19.1
E844418		1350.0	1.27	18.05	0.14	2.0	0.047	6.79	34.8	12.1	0.58	884	1.33	0.86	7.1	19.1
E844419		1225.0	1.40	17.70	0.18	1.9	0.050	6.09	65.5	14.5	0.72	1065	2.63	0.85	6.3	19.3
E844420		307.0	1.92	18.90	0.14	2.5	0.041	5.08	39.0	17.8	0.66	1125	1.01	1.56	7.3	22.7
E844421		357.0	1.67	17.80	0.12	1.9	0.031	4.92	29.6	15.5	0.69	723	0.45	1.50	6.3	23.7
E844422		297.0	1.87	18.45	0.14	2.0	0.030	5.03	38.0	15.0	0.65	628	0.56	1.70	6.3	24.4
E844423		912.0	1.36	16.40	0.14	1.9	0.033	5.36	46.3	9.5	0.62	794	0.91	1.24	5.9	18.5
E844424		67.1	5.07	20.30	0.13	4.1	0.053	0.59	28.1	14.0	1.29	551	37.70	4.06	8.4	179.5
E844425		1.8	0.02	0.16	<0.05	0.8	<0.005	0.01	1.4	1.8	<0.01	<5	0.10	0.01	0.1	0.6
E844426		656.0	1.61	16.85	0.13	2.2	0.032	4.72	52.8	12.9	0.58	677	1.59	1.79	7.0	17.5
E844427		880.0	1.29	18.95	0.13	3.2	0.043	6.11	44.1	10.8	0.55	427	0.91	1.38	8.3	17.6
E844428		724.0	1.01	18.30	0.20	3.4	0.039	6.62	99.0	8.3	0.54	498	5.07	0.64	8.2	16.6
E844429		779.0	1.21	18.55	0.13	3.5	0.054	7.19	47.2	9.8	0.54	333	1.36	1.08	8.0	16.0
E844430		1625.0	1.09	19.60	0.15	3.5	0.053	6.74	67.0	7.6	0.50	312	12.20	0.85	7.4	16.2
E844431		886.0	1.48	18.95	0.17	3.3	0.041	6.44	94.6	11.9	0.79	557	0.74	0.99	7.1	18.2
E844432		705.0	1.66	19.00	0.12	3.6	0.044	4.56	47.1	12.6	0.63	638	0.86	1.84	9.7	15.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844393		820	3.5	232.0	<0.002	0.37	0.21	9.3	2	2.6	81.4	0.89	<0.05	12.4	0.282	0.17
E844394		1000	3.2	219.0	0.003	1.13	0.39	8.0	3	1.7	102.0	0.70	0.52	11.2	0.242	0.26
E844395		580	72.1	35.7	0.086	0.75	91.00	5.9	5	3.4	285.0	0.11	3.52	1.5	0.119	0.27
E844396		730	9.4	222.0	0.002	0.40	0.34	8.9	2	2.0	102.5	0.84	0.12	13.4	0.278	0.28
E844397		800	2.9	219.0	0.002	0.52	0.32	8.3	2	2.0	96.6	0.76	0.07	12.0	0.253	0.28
E844398		880	2.8	284.0	0.002	0.42	0.35	9.1	2	2.1	100.0	0.91	<0.05	14.4	0.305	0.34
E844399		700	3.0	217.0	0.002	0.30	0.32	9.0	2	2.4	87.6	0.89	<0.05	13.9	0.279	0.26
E844400		720	3.7	207.0	0.002	0.32	0.30	8.9	2	2.5	79.0	0.88	<0.05	13.2	0.286	0.27
E844401		830	2.7	234.0	<0.002	0.25	0.28	9.3	2	2.5	76.3	0.97	<0.05	13.5	0.299	0.28
E844402		700	2.9	210.0	<0.002	0.28	0.31	8.9	2	2.4	86.4	0.90	<0.05	14.2	0.290	0.25
E844403		830	3.3	244.0	<0.002	0.33	0.40	9.8	2	2.6	85.2	0.93	<0.05	14.1	0.308	0.32
E844404		650	4.0	235.0	<0.002	0.26	0.39	9.2	2	2.2	110.5	0.89	0.07	15.0	0.279	0.33
E844405		960	3.3	207.0	<0.002	0.48	0.55	9.0	2	2.0	97.3	0.80	<0.05	12.9	0.272	0.32
E844406		780	3.2	234.0	<0.002	0.41	0.35	8.9	2	2.3	98.7	0.87	<0.05	13.3	0.280	0.38
E844407		770	3.9	246.0	<0.002	0.47	0.36	9.8	2	2.5	94.8	0.89	<0.05	14.0	0.296	0.39
E844408		730	3.7	242.0	<0.002	0.38	0.31	9.9	2	2.4	91.3	0.97	<0.05	14.9	0.311	0.37
E844409		770	3.6	245.0	<0.002	0.36	0.28	9.1	2	2.3	95.0	0.86	<0.05	13.3	0.284	0.42
E844410		820	5.4	252.0	<0.002	0.39	0.27	9.5	2	2.3	91.5	0.89	<0.05	13.9	0.298	0.42
E844411		790	4.1	247.0	<0.002	0.40	0.29	9.0	2	2.3	89.4	0.89	<0.05	13.6	0.288	0.38
E844412		720	6.8	252.0	<0.002	0.34	0.29	8.6	2	2.0	134.0	0.77	0.07	14.4	0.270	0.35
E844413		720	4.9	258.0	<0.002	0.35	0.39	9.8	2	2.1	161.0	0.65	0.18	15.1	0.253	0.30
E844414		960	5.4	222.0	<0.002	0.48	0.37	9.8	2	2.1	160.0	0.72	0.08	14.0	0.272	0.27
E844415		710	5.3	248.0	<0.002	0.36	0.49	8.7	2	1.9	167.5	0.59	0.46	13.7	0.187	0.34
E844416		770	6.1	265.0	<0.002	0.30	0.56	8.7	3	2.1	143.0	0.55	0.52	14.3	0.198	0.40
E844417		780	6.0	258.0	<0.002	0.19	0.47	8.4	2	2.4	143.5	0.59	0.48	12.8	0.207	0.37
E844418		730	7.3	254.0	<0.002	0.29	0.43	9.4	2	2.2	157.0	0.56	0.44	14.7	0.196	0.34
E844419		700	6.3	257.0	<0.002	0.24	0.35	9.8	2	2.1	203.0	0.49	0.36	15.1	0.177	0.30
E844420		710	7.8	249.0	<0.002	0.31	0.38	10.0	2	1.9	168.5	0.57	0.13	14.3	0.218	0.37
E844421		770	5.0	231.0	<0.002	0.22	0.50	9.7	2	2.0	168.5	0.56	0.21	14.9	0.220	0.23
E844422		660	4.1	226.0	<0.002	0.28	0.30	9.2	1	2.0	177.0	0.56	0.47	13.2	0.222	0.20
E844423		670	4.5	223.0	<0.002	0.31	0.26	9.3	2	1.8	172.5	0.50	0.21	14.3	0.179	0.16
E844424		640	500.0	28.4	0.058	0.18	0.22	15.0	5	5.2	192.5	1.00	0.13	13.0	0.342	0.16
E844425		10	1.6	0.4	<0.002	0.01	<0.05	0.2	1	<0.2	2.3	<0.05	<0.05	0.3	0.005	<0.02
E844426		690	10.1	203.0	<0.002	0.30	0.27	8.6	2	1.8	181.0	0.60	0.24	13.3	0.210	0.27
E844427		510	7.9	227.0	<0.002	0.33	0.36	8.6	2	2.3	140.5	0.67	0.41	12.7	0.204	0.23
E844428		440	7.7	234.0	<0.002	0.17	0.37	8.2	2	2.2	160.5	0.65	0.13	15.8	0.170	0.21
E844429		450	5.4	271.0	<0.002	0.26	0.38	8.3	2	2.5	137.5	0.62	0.25	14.2	0.189	0.19
E844430		420	11.8	233.0	<0.002	0.27	0.39	8.1	3	2.9	132.0	0.60	0.40	13.8	0.174	0.24
E844431		480	7.4	260.0	<0.002	0.27	0.36	8.3	2	2.2	138.5	0.57	0.20	13.5	0.182	0.20
E844432		460	7.5	213.0	<0.002	0.21	0.22	9.6	2	2.0	144.0	0.79	0.13	14.8	0.229	0.20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844393		3.9	50	2.6	22.9	7	71.8		
E844394		5.0	43	2.5	20.7	3	65.4		
E844395		2.7	60	16.9	10.5	108	23.1		
E844396		3.4	48	2.4	22.1	7	68.2		
E844397		3.5	44	2.4	21.6	7	65.7		
E844398		3.8	51	2.5	19.0	7	76.0		
E844399		3.3	47	3.1	24.4	8	72.4		
E844400		3.2	48	2.6	18.7	29	63.6		
E844401		3.8	50	2.9	22.1	12	85.5		
E844402		3.0	49	2.4	21.5	13	66.5		
E844403		4.4	52	2.7	23.4	17	84.9		
E844404		4.4	47	2.0	26.1	19	95.2		
E844405		5.7	47	2.4	21.8	13	62.5		
E844406		3.9	49	3.1	20.1	7	71.6		
E844407		4.3	53	3.4	23.5	8	73.7		
E844408		4.3	54	3.2	19.4	8	77.3		
E844409		3.5	49	2.8	24.5	8	59.8		
E844410		3.8	52	3.3	19.9	7	69.7		
E844411		3.6	50	3.1	19.8	9	70.5		
E844412		3.7	48	1.8	22.6	10	70.3		
E844413		4.3	55	2.1	18.0	9	73.8		
E844414		3.5	51	1.4	21.1	17	80.2		
E844415		3.9	46	3.0	23.6	17	107.5		
E844416		3.2	50	6.2	19.2	22	65.3		
E844417		3.4	52	8.4	15.8	15	73.2		
E844418		3.4	52	6.5	17.1	18	66.1		
E844419		2.4	48	5.2	22.6	13	64.3		
E844420		2.9	54	2.4	22.9	18	82.2		
E844421		3.4	52	2.7	16.4	10	60.2		
E844422		3.5	54	2.1	13.1	5	62.4		
E844423		4.0	44	4.1	21.6	5	62.2		
E844424		1630.0	659	3.0	21.1	83	168.5		0.17
E844425		2.0	1	<0.1	1.9	3	24.7		
E844426		3.9	46	3.6	20.5	27	71.7		
E844427		4.3	45	3.6	20.2	15	104.5		
E844428		6.1	42	5.1	25.4	12	115.0		
E844429		5.1	40	4.4	21.5	6	117.0		
E844430		9.4	46	4.8	18.8	12	112.0		
E844431		4.5	41	3.8	21.8	13	111.0		
E844432		5.1	43	3.6	24.4	17	119.0		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844433		5.95	0.014		0.09	7.36	1.3	850	2.42	0.06	5.87	0.03	95.80	28.0	32	2.52
E844434		5.60	0.020		0.02	7.07	2.9	1100	2.20	0.09	4.85	0.09	103.00	28.3	40	2.65
E844435		6.10	0.050		0.02	6.71	1.6	3040	0.52	0.03	7.29	<0.02	121.00	17.5	29	1.23
E844436		2.30	0.015		0.02	6.68	1.1	3310	0.23	0.02	7.56	<0.02	190.00	14.0	28	1.44
E844437		1.98	0.054		0.03	5.34	<5	2320	0.58	0.02	10.55	<0.02	176.00	14.4	22	0.95
E844438		1.98	0.027		0.03	5.70	7	2590	0.52	0.02	10.45	<0.02	159.50	17.2	22	1.00
E844439		3.81	0.015		0.02	7.01	4.1	1180	2.29	0.13	5.18	<0.02	83.10	44.1	42	1.95
E844440		4.48	0.018		0.01	7.14	7.6	1230	2.26	0.27	5.25	<0.02	65.20	64.6	45	2.37
E844441		5.69	0.011		0.03	7.06	9.5	1990	1.76	0.12	6.34	0.02	178.50	61.1	31	1.60
E844442		6.22	0.008		0.02	7.49	8.6	1390	2.16	0.17	4.96	<0.02	64.70	96.7	44	2.29
E844443		0.09	0.848		38.80	4.47	1350.0	520	0.63	32.80	6.94	<0.02	28.50	45.0	269	1.35
E844444		7.25	0.029		0.03	7.45	7.5	1000	2.27	0.21	6.74	<0.02	102.00	94.3	33	3.29
E844445		6.78	0.012		0.06	7.09	18.5	1080	1.98	0.93	6.61	0.07	114.00	104.5	31	3.85
E844446		6.95	<0.005		0.04	7.35	6.5	720	1.80	0.14	5.14	0.13	88.60	47.9	35	6.04
E844447		7.63	<0.005		0.08	6.96	15.8	580	1.67	0.55	8.40	0.91	87.80	56.9	31	4.17
E844448		7.52	<0.005		0.05	6.93	42.3	520	1.68	2.26	7.51	0.03	96.90	82.6	29	3.92
E844449		6.88	<0.005		0.05	6.84	22.8	460	1.88	2.44	7.99	0.02	89.80	50.2	30	4.17
E844450		7.89	<0.005		0.05	6.69	11.1	510	1.60	1.35	8.83	0.02	86.20	44.7	25	5.74
E844451		6.95	0.022		0.05	7.20	7.1	1130	1.70	0.68	8.16	0.03	76.20	42.8	28	8.01
E844452		5.68	0.031		0.05	7.21	4.0	1820	1.21	0.42	8.04	0.12	99.50	27.4	26	6.41
E844453		5.85	0.032		0.04	7.74	3.0	1700	1.81	0.28	7.85	0.05	82.80	26.4	29	6.02
E844454		4.85	0.035		0.05	7.03	2.6	2390	0.98	0.45	7.22	0.07	90.30	21.0	28	2.58
E844455		4.75	0.009		0.06	6.40	9	630	1.32	0.47	11.85	0.02	78.20	34.9	24	3.67
E844456		7.28	<0.005		0.05	6.88	5.1	500	1.92	1.82	8.56	<0.02	83.90	25.4	28	3.39
E844457		7.29	<0.005		0.03	6.60	8.1	430	1.38	1.58	8.68	0.04	69.50	27.5	29	3.15
E844458		7.80	<0.005		0.07	6.83	6.6	660	2.10	0.60	7.72	0.05	83.40	35.7	31	4.06
E844459		6.82	<0.005		0.10	7.13	18.8	1120	2.10	0.62	6.59	0.04	87.70	31.4	34	8.43
E844460		7.61	<0.005		0.07	7.11	8.0	890	1.93	0.45	7.05	0.02	92.00	35.1	37	4.21
E844461		7.05	0.008		0.06	7.32	3.4	890	2.16	0.17	5.67	<0.02	85.60	26.9	34	2.29
E844462		3.60	0.006		0.11	7.20	<0.2	1050	1.67	0.22	7.31	<0.02	228.00	6.0	42	1.19
E844463		5.70	0.010		0.05	6.95	0.4	760	1.41	0.11	5.84	0.03	81.60	10.4	40	1.50
E844464		6.25	<0.005		0.06	7.12	<0.2	1100	1.96	0.04	3.99	<0.02	110.50	5.9	41	1.63
E844465		6.34	0.020		0.07	7.11	<0.2	880	2.44	0.18	4.58	0.02	115.50	8.4	39	1.37
E844466		6.41	0.010		0.03	6.55	<0.2	810	1.47	0.04	5.90	<0.02	87.80	6.6	34	1.24
E844467		4.75	0.005		0.03	7.57	0.2	820	1.58	0.05	4.54	0.02	61.90	9.3	43	2.32
E844468		3.35	0.026		0.11	7.11	0.9	990	1.43	0.60	5.01	0.02	156.50	6.9	42	1.55
E844469		3.60	0.020		0.05	6.50	0.3	690	2.53	0.04	6.19	<0.02	102.00	7.2	32	1.63
E844470		6.18	0.012		0.08	6.89	0.2	1260	2.98	0.10	6.47	0.03	103.50	10.4	35	2.38
E844471		0.08	0.020		0.60	7.41	5.2	360	86.10	0.52	2.63	<0.02	63.00	21.6	104	0.57
E844472		7.07	0.015		0.06	6.02	<5	1740	1.54	0.09	10.35	0.03	104.50	7.4	29	1.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844433		478.0	2.96	19.10	0.13	2.1	0.045	4.32	50.9	17.3	0.85	1550	0.97	1.39	8.9	20.8
E844434		753.0	2.13	20.10	0.14	1.7	0.039	4.65	55.4	19.4	0.88	748	0.58	1.75	6.8	21.0
E844435		1540.0	1.52	17.55	0.16	1.2	0.034	6.15	73.8	9.6	0.95	754	11.85	0.60	4.9	25.8
E844436		762.0	1.46	18.80	0.20	0.8	0.021	6.08	117.5	13.1	1.18	767	12.35	0.53	3.7	27.5
E844437		1515.0	1.27	14.85	0.20	1.0	0.033	4.48	99.7	7.8	0.81	1035	3.57	0.65	3.5	22.6
E844438		1700.0	1.38	15.45	0.18	0.9	0.036	4.77	91.8	8.0	0.87	1030	4.46	0.66	3.2	23.5
E844439		344.0	2.42	19.85	0.14	1.7	0.027	4.61	40.8	18.8	0.90	579	0.58	1.90	6.9	29.8
E844440		196.5	2.75	18.70	0.13	1.6	0.025	4.54	30.6	18.2	0.88	725	0.90	1.47	7.6	27.9
E844441		128.0	1.61	20.40	0.20	1.6	0.022	5.28	91.0	12.3	0.71	956	0.55	1.22	5.9	21.0
E844442		175.0	2.28	22.30	0.12	2.1	0.037	5.24	32.7	14.8	0.73	776	0.82	1.68	7.3	23.3
E844443		4500.0	4.43	13.70	0.21	0.7	0.204	1.42	20.0	11.5	0.84	1790	730.00	0.67	1.8	23.0
E844444		158.0	3.62	20.70	0.16	2.0	0.039	4.26	52.8	19.5	1.05	1710	0.98	1.47	10.3	29.4
E844445		639.0	3.42	20.80	0.16	2.2	0.050	4.62	59.2	17.3	0.93	2100	0.87	1.30	11.0	29.6
E844446		108.0	4.49	21.60	0.15	2.7	0.109	4.49	41.1	18.3	0.85	4890	0.74	0.57	13.0	29.2
E844447		147.0	5.46	18.35	0.16	1.6	0.154	3.47	42.9	25.4	0.97	7950	1.33	0.10	10.7	31.1
E844448		179.5	4.26	18.50	0.17	2.0	0.116	3.56	48.0	17.9	0.93	6160	0.82	0.21	11.3	26.3
E844449		44.9	4.01	17.85	0.15	2.0	0.163	3.50	44.1	12.9	0.72	6200	0.82	0.27	11.0	23.7
E844450		35.0	4.46	17.60	0.14	2.3	0.154	3.57	41.6	17.4	0.80	6780	0.83	0.37	11.0	23.7
E844451		719.0	4.01	18.40	0.14	2.5	0.089	4.60	39.2	21.8	0.89	4320	0.94	0.87	10.2	25.3
E844452		989.0	1.94	18.65	0.15	1.9	0.058	5.54	52.4	13.9	0.72	1775	1.02	1.20	6.8	23.2
E844453		1325.0	2.10	18.45	0.14	1.9	0.050	5.48	46.1	21.3	0.95	1645	0.82	1.33	6.9	25.4
E844454		2070.0	1.75	17.35	0.14	1.8	0.061	6.50	51.9	11.1	0.76	964	1.06	0.83	6.2	24.3
E844455		209.0	4.22	16.65	0.14	1.8	0.086	3.71	38.3	14.6	0.87	6490	0.80	0.87	9.3	25.3
E844456		48.4	3.41	18.35	0.14	1.9	0.178	3.72	40.6	13.1	0.59	5680	0.57	0.16	10.8	20.5
E844457		26.1	3.42	17.80	0.17	1.6	0.142	3.31	33.5	13.9	0.56	5750	1.16	0.09	10.1	24.5
E844458		53.8	4.03	18.70	0.15	2.5	0.110	3.73	41.1	22.2	0.75	5320	0.99	0.22	12.3	23.3
E844459		141.0	3.01	19.15	0.17	2.5	0.053	4.44	43.5	19.4	0.64	2950	1.01	0.77	12.3	21.3
E844460		81.5	3.02	19.65	0.17	2.4	0.060	4.17	44.6	21.2	0.62	2930	0.82	0.97	12.8	21.8
E844461		364.0	2.35	19.85	0.18	2.8	0.046	4.24	41.8	15.4	0.62	1495	0.98	1.47	11.4	21.8
E844462		1510.0	2.30	22.50	0.27	1.7	0.053	4.55	113.5	22.2	1.11	1345	1.44	1.71	4.9	36.1
E844463		458.0	2.92	19.60	0.17	1.7	0.032	3.55	42.1	23.7	1.30	1075	1.17	1.96	5.3	34.8
E844464		258.0	3.34	21.70	0.20	1.8	0.031	4.52	51.1	25.8	1.39	888	0.18	1.07	5.7	31.3
E844465		1360.0	3.53	19.55	0.21	2.0	0.039	3.70	55.3	25.9	1.46	1020	0.29	1.62	6.1	28.1
E844466		179.5	2.71	18.85	0.18	2.1	0.026	3.47	40.9	24.9	1.26	1025	4.45	1.81	5.7	29.2
E844467		152.5	2.50	23.90	0.16	1.8	0.043	3.79	30.9	33.0	1.17	965	1.02	1.94	5.6	31.8
E844468		2020.0	1.77	18.40	0.22	1.7	0.045	4.20	73.2	23.2	0.85	1230	5.77	2.45	7.5	28.5
E844469		115.0	2.68	19.80	0.18	1.6	0.022	2.92	49.1	28.1	1.14	1465	0.97	1.94	4.9	41.4
E844470		601.0	2.33	20.20	0.19	1.8	0.034	4.75	48.1	27.7	0.99	1425	0.74	1.29	5.2	32.0
E844471		70.0	5.14	21.80	0.19	4.7	0.054	0.60	29.1	16.7	1.29	559	42.00	4.04	9.3	174.0
E844472		922.0	1.82	15.90	0.17	1.5	0.028	4.83	49.3	18.1	0.85	2120	0.62	0.70	4.5	26.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844433		730	5.1	239.0	<0.002	0.29	0.17	10.0	2	2.2	122.0	0.76	0.09	15.6	0.284	0.20
E844434		720	10.5	217.0	<0.002	0.24	0.25	10.2	2	2.0	168.0	0.60	0.14	14.5	0.254	0.25
E844435		730	3.2	248.0	<0.002	0.36	0.24	10.1	2	1.8	193.5	0.42	0.34	11.9	0.178	0.14
E844436		630	10.2	257.0	<0.002	0.11	0.24	9.8	2	1.6	195.0	0.31	0.27	18.2	0.170	0.15
E844437		610	4.8	182.0	<0.002	0.27	0.21	8.3	2	1.4	193.5	0.30	0.34	12.2	0.130	0.10
E844438		680	6.5	191.5	<0.002	0.30	0.20	8.7	3	1.3	203.0	0.27	0.20	12.4	0.131	0.11
E844439		660	3.6	221.0	<0.002	0.51	0.24	10.4	1	2.1	185.0	0.60	0.13	12.8	0.241	0.17
E844440		720	7.3	250.0	<0.002	0.55	0.23	10.3	1	2.1	160.5	0.67	0.58	15.2	0.253	0.22
E844441		630	9.1	224.0	<0.002	0.36	0.24	10.1	2	2.1	184.5	0.51	0.77	14.5	0.209	0.18
E844442		680	8.6	217.0	<0.002	0.49	0.23	10.9	1	2.2	182.0	0.63	0.11	15.0	0.275	0.24
E844443		580	70.0	41.4	0.077	0.75	90.20	6.1	5	3.2	282.0	0.11	3.67	1.7	0.121	0.22
E844444		770	8.3	253.0	<0.002	0.48	0.33	11.3	2	2.2	158.5	0.84	0.06	16.3	0.327	0.28
E844445		720	13.9	269.0	<0.002	0.97	0.33	11.1	2	2.4	157.5	0.89	0.24	15.6	0.296	0.34
E844446		760	17.1	253.0	<0.002	0.44	0.45	10.8	2	2.8	101.0	1.05	0.05	14.2	0.332	0.43
E844447		850	12.8	217.0	<0.002	0.64	0.56	10.4	2	2.5	75.4	0.87	<0.05	13.7	0.310	0.37
E844448		1140	7.3	238.0	<0.002	0.61	0.39	10.1	2	2.4	106.0	0.91	<0.05	14.2	0.317	0.45
E844449		900	8.1	228.0	<0.002	0.54	0.41	9.3	1	2.4	92.6	0.89	<0.05	14.0	0.301	0.42
E844450		880	14.3	260.0	<0.002	0.57	0.32	9.2	2	2.4	111.0	0.87	<0.05	13.3	0.286	0.46
E844451		970	16.9	265.0	<0.002	0.57	0.35	9.6	2	2.3	182.0	0.82	0.17	14.7	0.286	0.56
E844452		1020	16.0	249.0	<0.002	0.36	0.46	9.7	2	1.9	227.0	0.58	0.24	14.3	0.222	0.51
E844453		860	16.4	287.0	<0.002	0.41	0.46	10.9	2	2.1	230.0	0.59	0.15	16.2	0.243	0.69
E844454		760	21.0	261.0	<0.002	0.38	0.41	9.0	2	2.3	196.0	0.53	0.39	13.2	0.199	0.32
E844455		820	8.8	245.0	<0.002	0.56	0.34	9.2	2	2.1	146.0	0.76	0.06	12.9	0.271	0.34
E844456		800	6.2	238.0	<0.002	0.34	0.60	9.9	2	2.5	102.0	0.88	<0.05	13.4	0.299	0.36
E844457		730	8.7	224.0	<0.002	0.42	0.81	9.6	2	2.3	109.0	0.86	0.05	13.6	0.274	0.35
E844458		760	7.2	250.0	0.002	0.42	0.50	9.8	2	2.3	103.5	0.96	<0.05	14.3	0.290	0.39
E844459		740	7.4	253.0	<0.002	0.29	0.55	10.0	2	2.2	120.0	0.99	<0.05	15.3	0.309	0.39
E844460		700	4.9	218.0	<0.002	0.32	0.49	10.4	2	2.1	133.0	1.01	<0.05	15.8	0.319	0.30
E844461		610	4.9	195.0	<0.002	0.25	0.43	10.4	2	1.9	164.0	0.91	0.05	15.6	0.287	0.25
E844462		790	4.1	170.5	<0.002	0.13	0.54	13.0	2	2.0	74.2	0.44	0.07	14.4	0.181	0.20
E844463		810	4.2	139.0	<0.002	0.06	0.56	10.3	2	1.8	60.5	0.46	0.05	14.0	0.202	0.21
E844464		820	3.7	187.0	<0.002	0.02	0.55	11.1	2	2.3	51.2	0.51	<0.05	14.2	0.234	0.22
E844465		840	3.6	163.0	<0.002	0.13	0.54	10.3	2	2.3	54.9	0.52	0.12	15.4	0.262	0.18
E844466		750	3.0	142.0	<0.002	0.02	0.55	10.1	2	2.0	65.8	0.48	<0.05	14.4	0.226	0.16
E844467		800	2.9	185.0	<0.002	0.03	0.69	12.3	2	2.3	49.1	0.48	<0.05	15.2	0.205	0.26
E844468		910	4.2	133.0	<0.002	0.02	1.04	8.7	2	2.1	65.6	0.62	0.10	13.1	0.234	0.24
E844469		790	3.2	147.0	<0.002	0.01	0.74	10.7	2	1.6	55.1	0.43	<0.05	14.3	0.191	0.21
E844470		750	3.8	222.0	<0.002	0.04	0.72	10.8	2	2.0	67.1	0.46	<0.05	14.8	0.187	0.30
E844471		640	516.0	26.8	0.062	0.19	0.23	16.4	5	6.1	192.0	1.08	0.10	13.3	0.345	0.16
E844472		760	4.5	194.5	<0.002	0.09	0.50	10.2	2	1.5	108.0	0.40	0.09	11.1	0.153	0.24

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844433		3.6	57	2.4	19.0	11	66.7		
E844434		2.8	57	2.6	13.7	56	52.8		
E844435		2.2	57	4.4	17.2	5	39.4		
E844436		23.2	62	2.6	19.3	7	26.2		
E844437		5.0	45	2.9	22.9	3	32.1		
E844438		12.8	49	2.7	23.0	3	28.9		
E844439		3.1	59	2.1	12.9	7	54.2		
E844440		3.7	57	2.3	13.3	10	51.3		
E844441		3.6	56	4.3	16.7	8	48.2		
E844442		3.3	67	2.9	14.9	10	67.3		
E844443		3.0	61	15.5	11.0	107	22.0		
E844444		4.4	60	1.8	18.0	13	66.1		
E844445		4.7	56	2.7	21.7	23	74.8		
E844446		6.7	57	2.8	22.8	33	90.3		
E844447		7.4	55	4.1	23.7	430	54.9		
E844448		7.5	54	7.7	20.9	22	67.9		
E844449		6.5	53	4.0	18.9	13	64.5		
E844450		5.6	49	3.1	24.5	19	79.1		
E844451		6.0	54	3.3	25.3	64	85.2		
E844452		7.7	55	5.1	23.7	63	62.2		
E844453		4.4	55	3.3	25.4	70	61.2		
E844454		3.6	49	7.9	19.2	21	58.0		
E844455		4.4	48	1.5	23.0	8	59.3		
E844456		3.9	53	3.0	21.3	3	61.7		
E844457		4.7	49	2.7	18.2	7	56.7		
E844458		6.0	48	2.7	23.8	18	76.3		
E844459		4.2	51	2.2	22.2	31	73.6		
E844460		4.2	53	1.7	21.9	28	79.6		
E844461		4.2	52	2.1	20.5	20	91.6		
E844462		2.4	59	3.3	26.6	12	52.0		
E844463		2.1	53	2.6	18.2	18	56.2		
E844464		2.2	57	2.3	18.6	17	60.8		
E844465		2.3	55	2.0	22.1	17	63.9		
E844466		2.1	50	3.1	19.8	11	69.2		
E844467		1.9	68	3.5	14.3	14	60.8		
E844468		4.1	51	3.6	20.1	14	57.5		
E844469		1.6	56	3.1	21.0	18	49.1		
E844470		2.1	53	3.7	24.1	15	59.8		
E844471		1620.0	673	3.1	20.6	81	183.5		0.17
E844472		3.3	42	3.3	24.2	15	47.4		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844473		7.02	0.006		0.07	7.14	<0.2	1780	1.55	0.05	6.92	<0.02	79.40	13.8	32	1.79
E844474		6.76	<0.005		0.05	7.20	<0.2	1700	3.04	0.03	4.67	0.02	141.50	7.2	36	1.47

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844473		393.0	2.75	20.90	0.16	1.9	0.038	5.10	38.9	28.5	1.20	1650	0.58	1.08	6.5	28.5
E844474		215.0	2.01	20.00	0.22	1.7	0.041	5.43	65.6	21.6	0.88	1175	0.19	1.04	6.5	21.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844473		810	3.8	210.0	<0.002	0.05	0.46	12.1	2	2.6	83.8	0.57	<0.05	14.3	0.245	0.28
E844474		720	3.6	228.0	<0.002	0.02	0.43	10.7	2	2.5	73.5	0.57	<0.05	14.7	0.241	0.28

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061031

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844473		2.1	61	3.0	19.1	24	60.0		
E844474		1.6	56	3.9	21.6	16	53.6		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-JUL-2007
Account: EIAFRG

CERTIFICATE TR07062900

Project: Werneckes

P.O. No.: FRG07-01

This report is for 66 Drill Core samples submitted to our lab in Terrace, BC, Canada on 18-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 11-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844475		6.97	0.007	0.09	7.08	0.8	1800	2.28	0.06	4.24	0.02	90.50	13.3	45	1.67	293.0
E844476		0.05	<0.005	0.02	0.05	<0.2	10	<0.05	<0.01	0.01	0.02	2.72	0.1	1	<0.05	3.2
E844477		6.82	0.009	0.05	6.78	<0.2	1180	1.28	0.04	4.42	0.02	96.60	9.4	37	1.43	338.0
E844478		7.16	0.005	0.06	6.25	<0.2	1030	1.43	0.02	6.64	0.02	88.70	11.1	35	2.48	497.0
E844479		6.73	0.010	0.15	6.84	2.8	1210	1.87	0.28	4.96	<0.02	93.70	19.7	36	2.40	190.0
E844480		7.04	<0.005	0.09	7.19	5.1	840	2.43	0.42	5.63	<0.02	97.80	23.0	35	1.81	72.4
E844481		6.68	<0.005	0.10	7.46	3.1	1040	1.86	0.26	5.15	<0.02	95.80	20.5	39	2.69	44.4
E844482		7.61	0.006	0.09	7.31	3.7	1340	1.79	0.23	4.91	<0.02	90.10	30.9	38	3.06	81.7
E844483		9.03	<0.005	0.06	7.41	2.5	1480	1.92	0.11	5.11	<0.02	117.50	23.3	40	2.73	36.8
E844484		4.00	<0.005	0.15	7.28	4.9	1040	1.54	0.54	6.03	<0.02	146.00	32.7	37	2.03	42.3
E844485		7.46	0.005	0.08	7.54	2.2	1040	2.08	0.16	4.41	<0.02	93.40	14.6	42	2.07	32.2
E844486		6.23	<0.005	0.08	7.01	2.8	840	1.99	0.25	6.30	<0.02	86.90	19.6	36	1.99	73.1
E844487		3.47	<0.005	0.08	7.90	3.5	1410	2.20	0.17	4.14	0.02	119.50	21.3	43	2.54	84.3
E844488		3.83	0.012	0.09	7.77	4.2	1390	2.33	0.22	3.97	0.03	98.60	21.6	44	2.48	199.5
E844489		8.17	0.007	0.07	7.39	6.3	1020	2.06	0.46	3.99	0.02	94.30	33.6	43	1.44	73.3
E844490		6.96	0.007	0.05	7.37	4.6	920	2.13	0.30	4.22	<0.02	94.90	25.0	42	2.01	144.0
E844491		7.14	<0.005	0.04	6.23	2.4	740	2.28	0.14	6.59	<0.02	60.70	23.6	34	3.28	68.1
E844492		6.73	0.007	0.06	7.41	4.7	1010	2.94	0.34	3.57	<0.02	106.00	32.9	41	2.71	537.0
E844493		6.70	0.005	0.05	7.98	2.3	1050	2.46	0.06	3.19	<0.02	89.20	11.4	46	2.37	199.0
E844494		6.58	0.005	0.05	6.80	1.3	770	3.41	0.05	5.56	<0.02	91.20	13.9	34	3.54	241.0
E844495		6.68	0.018	0.09	7.36	5.0	920	2.37	0.47	4.87	<0.02	84.40	37.3	38	2.71	679.0
E844496		7.25	<0.005	0.04	8.10	5.2	1170	2.21	0.43	2.51	<0.02	80.20	33.6	47	2.84	119.5
E844497		6.61	<0.005	0.03	7.83	4.1	1030	1.71	0.27	2.44	<0.02	93.20	22.1	47	2.27	37.1
E844498		7.38	<0.005	0.04	7.44	2.6	1570	1.16	0.17	3.16	<0.02	82.40	20.6	43	2.75	15.0
E844499		5.79	0.012	0.07	6.13	0.8	1020	1.47	0.40	8.36	0.02	101.50	22.3	29	3.12	399.0
E844500		7.20	0.019	0.06	7.09	1.5	1790	1.94	0.16	2.50	0.03	56.00	21.9	48	9.53	130.5
E844501		6.71	0.007	0.07	6.54	1.9	1760	2.09	0.15	3.91	0.02	87.70	25.1	40	5.81	148.5
E844502		7.00	0.005	0.06	7.31	2.7	1100	2.25	0.18	3.43	0.02	92.60	24.0	43	3.48	96.0
E844503		6.37	0.015	0.10	6.89	1.6	1180	2.92	0.13	5.20	<0.02	51.30	21.6	38	5.06	495.0
E844504		7.08	0.028	0.12	7.36	2.7	1720	2.12	0.14	3.83	<0.02	76.10	26.1	40	3.54	239.0
E844505		7.08	0.015	0.07	6.43	1.7	2450	1.92	0.26	3.86	0.02	45.30	18.6	33	2.61	98.7
E844506		6.95	0.010	0.05	7.07	1.8	1180	2.52	0.11	4.36	<0.02	105.00	26.8	37	3.30	295.0
E844507		7.11	<0.005	0.08	7.29	2.6	1190	2.22	0.12	3.04	<0.02	74.70	21.3	44	2.60	64.1
E844508		7.11	0.009	0.09	7.19	2.6	1500	2.07	0.15	3.36	0.02	97.70	20.5	42	2.31	284.0
E844509		6.61	0.015	0.08	7.09	3.3	1390	1.90	0.15	3.72	0.02	92.70	23.9	38	2.72	509.0
E844510		6.39	0.007	0.11	7.90	1.9	1710	2.39	0.19	2.26	<0.02	93.50	20.1	44	6.05	303.0
E844511		3.89	0.019	0.10	6.59	2.8	1140	2.61	0.11	5.32	<0.02	52.90	23.4	34	3.66	254.0
E844512		3.99	0.007	0.09	6.78	3.0	1140	2.43	0.12	5.48	<0.02	75.00	24.4	36	3.52	393.0
E844513		6.63	0.006	0.11	7.14	2.7	1180	2.99	0.20	3.84	<0.02	60.30	18.6	36	2.54	351.0
E844514		7.63	0.011	0.13	7.17	3.6	1150	2.67	0.24	4.11	0.09	102.00	25.1	38	2.40	751.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 11-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844475		2.34	20.80	0.13	1.9	0.037	5.17	38.9	21.4	0.91	1155	0.46	1.38	7.8	23.4	850
E844476		0.02	0.16	<0.05	0.9	<0.005	0.01	1.4	2.1	<0.01	5	0.11	<0.01	0.1	0.4	20
E844477		3.05	18.85	0.18	1.4	0.043	4.10	51.8	21.3	1.09	1660	0.37	0.92	8.9	24.4	790
E844478		4.34	16.90	0.22	1.2	0.060	4.00	44.4	22.6	1.09	2890	0.27	0.71	9.4	26.7	800
E844479		3.41	20.10	0.16	2.2	0.077	4.74	42.0	23.1	0.85	2180	0.85	0.45	11.4	24.5	800
E844480		4.56	19.90	0.18	1.7	0.141	3.79	45.7	27.1	1.11	3540	1.20	0.13	12.5	27.3	840
E844481		5.31	20.80	0.17	2.0	0.133	4.32	43.7	33.7	1.28	4050	0.86	0.14	13.3	27.9	920
E844482		5.94	19.75	0.18	2.1	0.103	4.49	41.0	39.2	1.36	3920	1.18	0.12	12.8	30.0	820
E844483		4.51	19.50	0.18	1.7	0.122	4.54	52.9	31.6	1.17	3920	0.59	0.16	12.3	22.6	820
E844484		5.00	19.85	0.22	1.9	0.244	4.08	66.2	42.7	1.43	3870	1.80	0.07	12.4	28.0	880
E844485		4.10	20.20	0.15	1.9	0.202	4.44	42.4	27.9	1.12	2980	0.61	0.08	12.9	24.0	770
E844486		4.77	18.45	0.17	1.7	0.156	3.55	40.1	35.2	1.37	4750	1.30	0.10	11.7	26.4	740
E844487		3.96	21.20	0.19	2.1	0.124	4.91	54.6	23.2	1.03	3390	1.15	0.17	13.6	25.0	810
E844488		3.88	21.40	0.18	2.0	0.130	4.94	44.8	22.3	0.99	3320	1.08	0.17	13.7	24.3	780
E844489		3.92	20.20	0.18	1.9	0.121	4.35	41.6	18.6	0.95	3120	2.23	0.12	12.6	26.3	780
E844490		3.97	22.30	0.18	1.9	0.156	4.18	44.2	21.7	0.93	3000	0.90	0.09	12.0	24.5	850
E844491		6.65	18.30	0.16	1.6	0.132	3.15	29.1	35.7	1.30	3940	0.71	0.14	9.8	29.3	980
E844492		4.21	22.40	0.20	2.4	0.178	4.48	47.8	26.9	0.88	2740	1.38	0.13	11.7	27.3	730
E844493		3.36	24.60	0.17	2.5	0.172	5.09	39.2	23.9	0.86	2670	0.23	0.10	13.9	26.3	700
E844494		3.81	18.35	0.15	1.7	0.114	3.63	44.3	27.2	1.10	2760	0.21	0.28	11.5	25.3	510
E844495		2.96	21.70	0.16	2.4	0.154	4.45	39.6	21.3	0.67	2350	1.70	0.22	12.2	22.8	620
E844496		3.72	26.00	0.18	2.4	0.158	4.88	35.5	22.8	0.77	2160	1.34	0.12	13.8	26.0	710
E844497		3.89	25.10	0.19	2.2	0.170	4.85	44.7	18.9	0.65	2010	0.64	0.09	14.1	24.2	870
E844498		3.49	24.20	0.19	2.4	0.101	6.13	40.7	26.6	0.84	1535	0.39	0.19	12.3	24.2	820
E844499		4.76	17.25	0.21	1.7	0.063	3.84	55.3	36.9	1.60	4200	0.73	0.39	8.6	28.6	810
E844500		2.33	20.30	0.16	2.0	0.048	5.98	27.6	20.5	0.82	1350	0.64	0.91	9.2	25.4	680
E844501		2.65	20.80	0.14	2.0	0.044	5.54	42.4	20.6	0.77	1570	0.56	0.95	8.3	24.0	660
E844502		3.25	22.00	0.15	2.1	0.065	4.23	45.3	19.2	0.85	1630	0.64	1.22	10.3	24.2	780
E844503		4.19	18.85	0.10	1.8	0.040	3.77	26.0	29.1	1.15	2450	0.36	1.28	10.2	29.2	740
E844504		2.41	21.30	0.11	2.5	0.044	5.91	35.6	21.3	0.91	1480	1.18	1.32	9.9	24.2	770
E844505		1.79	17.85	0.10	1.6	0.042	6.05	23.0	16.5	0.79	1500	0.34	0.71	7.0	21.1	750
E844506		3.43	20.10	0.16	2.0	0.062	4.46	52.1	24.9	1.14	2210	0.86	1.52	9.5	29.4	880
E844507		3.23	22.10	0.13	1.9	0.104	4.64	36.0	20.7	0.85	2340	0.45	0.76	12.9	24.0	680
E844508		3.31	20.80	0.15	1.9	0.137	5.25	48.3	19.7	0.86	2360	0.46	0.24	12.3	24.3	790
E844509		3.59	21.00	0.19	2.2	0.130	4.86	45.6	29.6	0.91	2940	0.80	0.15	13.2	26.9	710
E844510		3.09	23.40	0.16	2.6	0.175	5.65	42.2	30.1	0.81	2570	17.30	0.36	14.0	28.0	690
E844511		3.66	18.75	0.14	1.7	0.108	3.98	26.8	37.1	1.08	3360	0.27	0.56	11.6	29.6	640
E844512		3.98	19.10	0.15	1.7	0.116	4.08	37.8	38.7	1.15	3530	0.25	0.53	12.3	29.6	650
E844513		4.00	20.10	0.13	1.8	0.133	4.35	31.3	39.0	1.10	3350	0.59	0.17	12.4	27.8	600
E844514		3.48	20.80	0.17	2.0	0.162	4.72	53.0	31.3	0.88	3240	1.90	0.19	12.4	24.6	670

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844475		3.6	229.0	<0.002	0.02	0.49	10.8	2	2.5	68.6	0.65	<0.05	13.5	0.246	0.31	2.4
E844476		0.9	0.4	<0.002	0.01	<0.05	0.2	2	<0.2	2.2	<0.05	<0.05	0.3	0.005	<0.02	0.3
E844477		3.2	227.0	<0.002	0.01	0.42	10.0	2	2.4	62.3	0.75	0.05	14.1	0.296	0.23	2.4
E844478		4.4	234.0	<0.002	0.04	0.42	9.6	2	2.3	102.5	0.83	0.05	13.7	0.307	0.30	2.9
E844479		4.5	262.0	<0.002	0.11	0.46	10.6	2	2.8	117.5	0.94	0.08	13.9	0.310	0.39	3.3
E844480		4.4	242.0	<0.002	0.17	0.73	11.4	2	2.8	175.0	1.02	0.07	14.9	0.338	0.33	3.8
E844481		4.7	287.0	<0.002	0.12	0.58	11.7	2	3.0	115.0	1.07	<0.05	15.5	0.365	0.40	3.4
E844482		5.3	298.0	<0.002	0.17	0.61	11.3	2	2.8	110.5	1.06	<0.05	15.2	0.341	0.50	3.8
E844483		4.6	261.0	<0.002	0.10	0.63	11.1	2	2.9	122.0	1.04	<0.05	14.9	0.355	0.41	3.9
E844484		4.0	221.0	<0.002	0.14	0.89	11.4	2	2.6	118.0	1.02	0.17	14.5	0.339	0.42	4.1
E844485		4.8	255.0	<0.002	0.07	0.81	11.7	2	2.8	106.5	1.03	0.08	15.2	0.353	0.37	9.1
E844486		4.1	219.0	<0.002	0.14	0.76	10.7	2	2.4	101.5	0.92	0.05	13.5	0.312	0.38	3.1
E844487		4.9	274.0	0.002	0.15	0.74	12.1	2	2.9	137.5	1.12	0.05	16.0	0.363	0.44	5.1
E844488		5.3	276.0	0.002	0.16	0.85	12.3	2	3.0	137.0	1.12	0.09	15.9	0.364	0.45	5.1
E844489		4.9	238.0	<0.002	0.33	0.77	12.2	2	2.7	159.0	1.04	0.08	14.8	0.346	0.37	5.9
E844490		4.4	244.0	<0.002	0.16	0.66	13.0	<1	2.9	119.0	1.09	0.05	13.9	0.327	0.33	4.0
E844491		3.4	206.0	<0.002	0.09	0.55	11.0	<1	2.0	101.0	0.86	0.05	12.7	0.289	0.33	3.6
E844492		4.4	272.0	<0.002	0.25	0.59	13.2	<1	2.8	106.0	1.04	0.16	14.1	0.317	0.40	4.3
E844493		4.0	265.0	<0.002	0.04	0.63	13.8	<1	3.1	115.0	1.26	<0.05	14.5	0.358	0.39	3.4
E844494		4.0	245.0	<0.002	0.06	0.35	11.1	<1	2.3	107.0	1.02	<0.05	11.7	0.294	0.38	2.6
E844495		5.0	265.0	<0.002	0.29	0.46	12.4	<1	2.9	103.5	1.12	0.09	14.7	0.311	0.40	5.2
E844496		4.5	282.0	<0.002	0.21	0.64	14.3	<1	3.6	100.5	1.24	0.08	14.8	0.347	0.45	4.8
E844497		4.4	278.0	<0.002	0.14	0.61	13.7	<1	3.5	110.5	1.28	0.06	15.0	0.368	0.39	4.5
E844498		3.9	336.0	<0.002	0.12	0.56	13.1	<1	3.5	80.1	1.11	0.09	14.3	0.350	0.58	4.5
E844499		4.7	257.0	<0.002	0.06	0.52	8.1	2	1.9	109.0	0.71	0.07	13.3	0.233	0.49	3.3
E844500		6.3	285.0	<0.002	0.12	0.61	9.8	2	2.6	126.0	0.76	0.07	13.1	0.287	0.60	4.7
E844501		6.1	261.0	<0.002	0.16	0.57	10.6	2	2.9	145.0	0.67	0.11	13.9	0.270	0.50	4.2
E844502		5.4	262.0	<0.002	0.18	0.39	10.9	2	3.3	148.0	0.84	0.11	15.3	0.325	0.36	4.1
E844503		5.6	232.0	<0.002	0.16	0.52	10.0	2	2.5	168.5	0.82	0.06	14.0	0.314	0.41	4.4
E844504		4.9	272.0	<0.002	0.18	0.61	11.2	2	2.9	162.0	0.77	0.18	14.2	0.307	0.45	3.8
E844505		5.7	264.0	<0.002	0.09	0.41	8.8	2	2.4	145.5	0.54	0.27	10.3	0.249	0.35	2.4
E844506		8.2	248.0	<0.002	0.18	0.40	10.9	2	2.9	168.0	0.78	0.06	14.9	0.333	0.40	3.9
E844507		7.0	295.0	<0.002	0.13	0.35	11.4	2	3.1	169.5	1.06	<0.05	15.0	0.354	0.46	4.8
E844508		6.0	275.0	<0.002	0.14	0.42	10.6	2	3.2	134.5	0.99	0.08	15.1	0.359	0.39	3.8
E844509		8.0	268.0	<0.002	0.20	0.56	10.5	2	2.9	141.5	1.05	0.09	13.8	0.332	0.45	4.2
E844510		4.4	293.0	0.003	0.15	0.58	11.3	2	3.3	104.5	1.13	0.07	14.9	0.370	0.60	8.0
E844511		5.6	250.0	<0.002	0.14	0.56	10.8	2	2.7	125.0	0.91	0.07	13.5	0.318	0.43	3.8
E844512		5.5	276.0	<0.002	0.18	0.58	11.4	2	2.8	127.5	0.93	0.07	14.6	0.331	0.42	3.9
E844513		4.4	282.0	<0.002	0.13	0.91	11.1	2	2.8	128.0	0.94	0.06	14.4	0.318	0.42	5.1
E844514		16.5	290.0	<0.002	0.26	1.00	10.9	2	2.9	151.5	0.94	0.16	14.0	0.333	0.44	5.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E844475		59	3.8	19.2	16	58.1	
E844476		<1	<0.1	1.8	3	26.2	
E844477		55	3.4	21.3	19	48.0	
E844478		51	3.8	22.4	25	39.6	
E844479		59	4.1	22.0	25	68.5	
E844480		60	3.1	23.4	30	55.1	
E844481		63	4.1	24.1	41	63.5	
E844482		58	3.9	20.0	57	65.5	
E844483		61	4.1	23.4	45	49.4	
E844484		65	4.1	26.8	61	60.0	
E844485		67	4.6	20.3	38	59.2	
E844486		62	4.3	22.2	50	53.4	
E844487		72	3.4	23.5	41	61.9	
E844488		71	3.5	22.0	41	61.3	
E844489		83	3.1	22.5	32	60.6	
E844490		68	3.8	19.6	28	58.3	
E844491		57	3.0	21.2	51	50.2	
E844492		74	4.2	22.7	32	72.5	
E844493		72	4.6	20.4	34	78.4	
E844494		57	2.8	18.6	38	52.1	
E844495		74	5.1	21.1	25	73.1	
E844496		93	5.6	20.2	29	67.2	
E844497		70	6.4	20.9	24	67.5	
E844498		68	5.5	20.3	29	78.0	
E844499		60	2.5	22.7	48	59.1	
E844500		80	4.6	16.2	34	65.2	
E844501		70	4.3	20.3	33	67.1	
E844502		75	4.7	18.4	30	69.0	
E844503		69	2.3	19.4	52	60.5	
E844504		78	3.6	19.7	30	82.6	
E844505		60	3.6	14.5	26	55.2	
E844506		76	3.1	22.2	46	68.3	
E844507		69	3.8	19.1	27	63.0	
E844508		67	3.4	19.4	34	64.7	
E844509		69	3.5	21.3	50	72.7	
E844510		99	5.2	17.8	36	85.2	
E844511		70	3.5	20.1	38	54.7	
E844512		75	2.1	21.9	43	60.1	
E844513		79	2.6	20.1	47	59.1	
E844514		88	3.4	21.3	72	66.3	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844515		7.72	0.006	0.07	6.82	2.6	1050	2.82	0.15	5.81	0.09	95.10	20.8	32	2.45	274.0
E844516		7.25	<0.005	0.07	7.47	2.5	1080	2.41	0.15	2.55	0.02	96.40	14.2	36	3.96	136.5
E844517		7.24	0.006	0.09	6.97	5.0	1000	2.41	0.31	4.03	0.03	88.40	26.5	37	3.76	213.0
E844518		6.55	0.006	0.07	7.16	3.9	1180	2.51	0.36	3.56	0.02	88.40	18.9	41	2.48	160.5
E844519		6.75	<0.005	0.05	6.82	3.6	880	2.18	0.30	4.85	0.04	85.30	23.3	37	2.54	42.6
E844520		6.95	<0.005	0.06	6.97	1.5	870	2.15	0.11	4.48	0.02	65.70	13.5	31	2.30	32.5
E844521		6.84	<0.005	0.05	5.83	0.9	750	1.79	0.02	5.99	0.04	75.40	12.1	28	2.42	79.6
E844522		7.63	0.009	0.06	7.02	3.1	1210	2.36	0.09	3.54	0.02	94.00	21.5	41	3.31	282.0
E844523		6.69	<0.005	0.07	6.72	1.4	1050	2.16	0.05	3.80	<0.02	82.10	26.0	36	2.45	133.5
E844524		7.86	0.005	0.09	7.00	3.2	1060	2.31	0.36	3.41	0.02	80.90	30.9	39	3.16	103.5
E844525		6.37	0.005	0.08	6.69	4.1	1120	2.06	0.38	5.42	0.03	102.50	26.3	34	3.77	165.5
E844526		7.30	<0.005	0.08	7.24	3.1	920	2.21	0.26	4.58	0.02	91.90	20.7	39	2.67	63.1
E844527		7.57	0.006	0.06	6.55	4.8	690	1.73	0.54	7.65	0.03	85.80	34.3	39	3.57	27.4
E844528		0.05	0.008	0.60	7.36	5.3	340	75.90	0.57	2.49	0.07	61.40	23.3	98	0.62	71.2
E844529		0.11	0.005	0.01	0.05	<0.2	10	0.05	<0.01	0.01	0.02	2.97	0.1	3	<0.05	1.0
E844530		6.46	<0.005	0.03	7.41	0.5	860	1.97	0.01	5.19	0.03	82.90	15.1	38	3.38	48.8
E844531		8.03	<0.005	0.03	6.72	0.3	790	2.07	0.17	5.63	0.02	88.20	13.9	36	2.77	76.1
E844532		7.72	<0.005	0.07	6.11	0.5	700	2.00	<0.01	6.85	<0.02	81.10	15.8	33	2.70	23.3
E844533		8.12	<0.005	0.06	6.59	0.6	810	1.93	<0.01	7.80	<0.02	89.20	17.2	34	3.29	27.0
E844534		7.92	<0.005	0.05	5.93	5	620	1.39	<0.01	10.10	0.03	76.70	11.6	30	3.14	7.9
E844535		7.64	<0.005	0.05	5.79	9	560	1.43	<0.01	11.65	0.22	75.80	11.3	28	3.08	3.2
E844536		8.14	<0.005	0.03	6.41	<0.2	700	1.75	<0.01	9.81	0.02	84.40	14.5	33	3.16	4.4
E844537		7.75	<0.005	0.03	5.93	7	580	1.86	<0.01	11.35	0.02	70.60	17.5	30	2.76	6.1
E844538		7.05	0.018	0.04	6.41	<0.2	730	1.98	0.01	8.50	0.25	70.40	23.0	31	3.13	6.9
E844539		7.05	<0.005	0.03	6.59	0.4	720	1.80	<0.01	8.51	0.04	78.60	14.1	35	2.93	15.0
E844540		8.15	<0.005	0.03	6.44	<5	660	1.86	0.01	10.20	0.05	82.70	15.7	32	2.70	4.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844515		3.96	19.00	0.18	2.1	0.093	4.35	47.7	32.3	1.12	3870	1.39	0.23	11.3	27.5	610
E844516		3.04	22.30	0.16	2.4	0.127	4.47	49.5	27.4	0.84	2090	2.60	0.31	12.9	23.6	580
E844517		3.86	19.45	0.16	1.9	0.128	3.92	44.8	32.2	1.04	2720	1.38	0.26	10.9	26.3	650
E844518		3.79	20.80	0.15	1.8	0.171	4.41	44.0	33.0	1.00	2970	0.63	0.11	12.2	24.7	670
E844519		3.92	19.40	0.17	1.7	0.102	4.24	43.0	29.6	1.11	4640	1.33	0.16	11.9	26.3	660
E844520		3.79	17.85	0.14	2.4	0.087	4.18	33.2	20.7	1.05	4180	0.53	0.17	11.9	22.5	610
E844521		3.75	16.20	0.14	1.8	0.093	3.26	38.9	27.9	1.12	5260	0.28	0.09	11.1	22.0	610
E844522		5.54	19.80	0.20	1.6	0.113	4.61	47.9	23.4	0.97	3590	0.86	0.11	12.3	25.3	690
E844523		4.39	18.65	0.16	1.5	0.086	4.23	42.4	30.1	1.00	3640	0.14	0.13	11.8	23.8	660
E844524		4.73	19.50	0.18	1.7	0.115	4.47	40.6	35.5	0.99	3720	0.40	0.25	12.7	27.4	690
E844525		4.51	20.00	0.20	1.8	0.177	3.93	53.1	34.4	1.12	3680	0.96	0.14	12.8	26.2	700
E844526		5.36	19.60	0.14	2.1	0.099	4.22	46.1	24.4	1.02	4160	1.09	0.19	11.4	29.3	700
E844527		4.31	18.35	0.15	1.6	0.083	3.69	43.4	22.9	1.26	5450	1.58	0.12	11.0	25.8	780
E844528		4.89	22.20	0.15	4.8	0.059	0.61	30.0	14.6	1.25	533	41.40	4.00	8.5	178.0	630
E844529		0.02	0.16	<0.05	0.9	<0.005	0.01	1.6	2.3	<0.01	<5	0.08	0.01	0.2	0.5	20
E844530		3.24	21.50	0.16	1.8	0.138	4.45	39.3	17.7	1.03	4190	0.54	0.19	12.0	21.2	790
E844531		2.83	19.80	0.15	1.6	0.124	4.11	45.2	16.5	0.82	3760	0.07	0.19	12.0	21.3	680
E844532		3.44	18.90	0.14	1.6	0.099	3.70	42.5	16.2	0.71	3830	0.06	0.13	11.4	20.0	750
E844533		4.06	19.75	0.16	1.4	0.080	4.03	45.1	16.7	0.77	4440	0.20	0.16	11.6	19.9	800
E844534		3.01	18.00	0.13	1.6	0.071	3.48	39.4	10.7	0.77	5200	0.13	0.19	10.7	19.1	780
E844535		3.36	16.70	0.13	1.3	0.069	3.09	39.3	11.6	0.78	6120	0.44	0.15	10.0	19.7	830
E844536		3.18	17.20	0.12	1.4	0.078	3.73	42.6	13.1	0.82	5030	0.29	0.27	10.6	19.3	800
E844537		4.14	16.95	0.12	1.3	0.089	3.23	35.1	13.2	0.74	5680	2.28	0.19	9.8	22.2	870
E844538		5.55	18.55	0.14	1.4	0.100	3.74	35.9	14.1	0.63	4800	0.17	0.31	10.4	22.0	770
E844539		4.08	18.95	0.15	1.5	0.109	3.87	39.1	15.0	0.73	4980	0.46	0.24	11.0	22.1	760
E844540		3.77	17.55	0.13	1.4	0.098	3.73	42.1	14.9	0.70	5220	0.09	0.21	10.5	19.3	840

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844515		12.6	291.0	<0.002	0.14	0.69	11.0	2	2.4	149.0	0.87	0.10	14.3	0.295	0.41	7.6
E844516		9.5	279.0	<0.002	0.09	0.50	11.7	2	2.8	130.0	0.96	0.08	16.3	0.316	0.34	5.4
E844517		4.9	231.0	<0.002	0.22	0.77	10.7	2	2.5	171.5	0.85	0.17	14.2	0.300	0.30	5.8
E844518		4.2	236.0	<0.002	0.13	0.91	10.6	2	2.7	140.5	0.97	0.12	14.5	0.339	0.33	4.3
E844519		6.9	294.0	<0.002	0.19	0.47	10.7	2	2.7	117.5	0.92	0.15	14.6	0.347	0.43	8.6
E844520		12.6	279.0	<0.002	0.09	0.26	9.5	2	2.6	112.0	0.90	0.08	13.4	0.320	0.44	6.0
E844521		6.9	252.0	<0.002	0.03	0.30	9.2	2	2.3	128.0	0.85	<0.05	12.6	0.288	0.39	4.9
E844522		5.6	295.0	<0.002	0.07	0.89	10.2	2	2.6	161.5	0.95	<0.05	13.8	0.361	0.44	2.9
E844523		5.1	266.0	<0.002	0.07	0.60	10.0	2	2.5	133.5	0.93	<0.05	15.7	0.332	0.39	3.1
E844524		6.0	272.0	<0.002	0.14	0.87	10.0	2	2.6	149.0	1.02	<0.05	15.5	0.358	0.44	4.4
E844525		6.7	271.0	<0.002	0.14	1.64	9.3	2	2.7	212.0	0.98	0.08	15.2	0.335	0.48	5.3
E844526		8.3	269.0	<0.002	0.18	0.47	12.0	2	2.8	150.0	0.86	0.13	15.3	0.317	0.46	5.4
E844527		7.3	261.0	<0.002	0.44	0.28	11.7	2	2.3	143.0	0.83	0.09	14.6	0.334	0.50	4.9
E844528		510.0	28.0	0.066	0.18	0.21	17.6	4	5.4	195.0	1.07	0.13	12.8	0.333	0.17	1670.0
E844529		4.8	0.3	<0.002	0.01	0.07	0.2	<1	0.6	2.4	<0.05	<0.05	0.3	0.006	<0.02	0.9
E844530		7.1	261.0	<0.002	0.04	0.27	11.6	<1	2.5	125.0	1.07	<0.05	14.6	0.343	0.40	4.2
E844531		5.6	251.0	<0.002	0.05	0.29	11.7	2	2.6	119.0	0.90	<0.05	15.5	0.321	0.37	3.8
E844532		5.7	257.0	<0.002	0.05	0.25	10.9	2	2.5	147.5	0.86	<0.05	14.6	0.305	0.39	5.4
E844533		4.5	267.0	<0.002	0.04	0.23	11.4	2	2.4	140.5	0.85	<0.05	14.9	0.317	0.44	5.0
E844534		5.2	223.0	<0.002	0.02	0.21	9.7	2	2.1	141.0	0.74	<0.05	13.1	0.281	0.38	5.5
E844535		29.0	213.0	<0.002	0.03	0.22	8.9	2	1.9	157.0	0.73	<0.05	12.9	0.269	0.37	5.3
E844536		7.3	231.0	<0.002	0.04	0.22	10.7	2	2.3	137.5	0.78	<0.05	13.8	0.306	0.33	4.3
E844537		5.8	214.0	<0.002	0.09	0.23	9.9	2	2.1	131.0	0.70	0.05	12.0	0.268	0.32	6.1
E844538		21.2	231.0	<0.002	0.13	0.27	10.3	2	2.4	133.0	0.77	<0.05	13.3	0.288	0.35	3.9
E844539		11.4	248.0	<0.002	0.06	0.33	10.9	2	2.5	145.0	0.79	<0.05	13.9	0.300	0.37	5.1
E844540		15.1	240.0	<0.002	0.08	0.31	10.6	2	2.3	154.0	0.79	<0.05	13.6	0.300	0.33	5.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 11-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07062900

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	U-XRF10 U % 0.01
E844515		78	1.5	25.6	71	70.6	
E844516		72	3.7	22.4	22	82.4	
E844517		68	2.1	23.0	30	64.9	
E844518		68	3.0	21.9	43	59.9	
E844519		68	3.1	23.5	40	60.2	
E844520		54	2.5	22.7	27	88.5	
E844521		47	3.4	23.2	48	62.7	
E844522		61	2.8	19.9	41	56.6	
E844523		56	2.6	21.7	48	55.3	
E844524		59	3.1	19.6	47	54.4	
E844525		58	4.0	25.1	53	67.5	
E844526		55	3.5	21.9	39	71.2	
E844527		59	3.7	21.7	34	52.0	
E844528		675	2.9	20.2	86	182.5	0.17
E844529		1	<0.1	1.8	4	26.9	
E844530		61	2.4	17.4	36	54.7	
E844531		52	3.7	21.5	29	52.3	
E844532		50	3.2	19.5	24	53.6	
E844533		56	2.5	19.3	25	48.9	
E844534		49	2.8	20.7	47	52.3	
E844535		48	1.6	20.8	28	43.7	
E844536		54	0.9	19.3	11	45.5	
E844537		48	2.1	19.4	11	45.4	
E844538		52	1.7	16.5	15	48.8	
E844539		52	1.5	17.7	19	50.6	
E844540		52	1.9	20.4	20	49.7	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

CERTIFICATE TR07065306

Project: Werneckes

P.O. No.: FRG07-01

This report is for 140 Drill Core samples submitted to our lab in Terrace, BC, Canada on 25-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844541		4.85	0.029		0.04	6.87	2.0	960	2.06	0.07	6.21	0.02	76.00	19.3	32	2.00
E844542		3.55	<0.005		0.44	7.18	0.7	1690	2.02	0.01	4.75	<0.02	46.60	4.6	39	1.39
E844543		3.04	<0.005		0.03	6.81	<0.2	2470	0.88	<0.01	4.25	0.02	26.50	5.4	43	1.11
E844544		3.36	<0.005		0.03	6.63	0.3	2290	0.69	<0.01	4.46	0.02	35.10	5.1	44	1.13
E844545		6.23	<0.005		0.06	6.50	0.3	1310	1.75	<0.01	6.55	<0.02	27.40	6.3	37	0.98
E844546		6.03	<0.005		0.02	6.85	0.6	1670	2.17	0.14	2.87	0.03	46.50	5.2	47	1.51
E844547		6.65	<0.005		0.29	6.05	0.6	1770	2.17	0.08	3.57	0.02	17.40	4.9	39	1.48
E844548		6.65	<0.005		0.02	6.20	0.4	1500	1.92	0.04	3.96	0.02	12.00	4.8	32	1.35
E844549		6.33	<0.005		0.02	7.45	<0.2	980	7.96	0.02	4.46	0.02	36.60	6.0	22	3.35
E844550		6.22	<0.005		0.01	6.73	<0.2	1660	1.97	0.01	5.19	0.02	84.20	6.4	35	1.13
E844551		6.13	<0.005		0.02	6.22	<0.2	960	1.93	0.06	5.63	<0.02	80.60	10.1	43	1.33
E844552		5.97	<0.005		0.11	6.73	0.8	1240	1.82	0.05	4.63	0.03	71.70	11.0	50	1.57
E844553		6.47	<0.005		0.03	5.11	<5	890	1.63	0.03	10.75	0.02	65.40	8.5	24	1.56
E844554		5.40	0.024		0.03	5.74	0.5	880	2.26	0.25	8.96	<0.02	75.10	8.5	21	1.68
E844555		6.46	0.008		0.05	6.64	0.3	1330	1.65	0.12	5.97	0.02	82.60	9.1	30	1.62
E844556		5.92	0.008		0.01	6.78	0.2	1720	1.72	0.05	3.97	0.02	110.00	9.8	39	1.67
E844557		6.31	<0.005		0.03	6.56	0.3	1660	2.02	0.05	6.11	0.02	89.60	8.7	33	1.37
E844558		6.64	<0.005		1.47	6.61	0.6	1750	1.11	0.17	5.37	0.09	89.70	9.2	35	1.15
E844559		6.70	<0.005		0.05	7.08	0.3	1720	1.39	0.20	5.17	0.02	95.00	9.0	37	1.16
E844560		6.24	<0.005		0.15	6.77	0.6	1820	1.26	0.17	4.01	0.02	72.50	9.5	35	1.46
E844561		7.11	<0.005		0.04	6.36	0.7	1800	1.73	0.19	5.57	<0.02	70.40	9.6	35	1.51
E844562		7.49	<0.005		0.01	6.64	0.7	2000	1.71	0.05	4.08	<0.02	91.90	7.1	37	1.27
E844563		5.56	<0.005		0.08	6.80	0.4	1940	1.69	0.10	3.60	<0.02	143.50	18.2	46	1.65
E844564		7.08	<0.005		0.04	6.67	1.0	2270	2.07	0.15	4.48	0.02	141.00	12.5	36	2.08
E844565		3.75	<0.005		0.01	6.72	0.2	2060	15.20	0.02	5.78	<0.02	119.00	7.8	35	1.39
E844566		3.54	<0.005		0.01	6.90	0.8	2130	5.76	0.01	5.45	<0.02	118.50	7.7	34	1.35
E844567		6.92	<0.005		0.01	6.44	1.3	1940	1.47	0.01	4.94	<0.02	95.00	8.7	33	1.39
E844568		7.64	<0.005		<0.01	6.72	1.0	1980	1.76	<0.01	4.91	0.02	126.00	8.5	36	1.48
E844569		7.45	<0.005		0.02	6.59	0.9	1930	1.40	0.02	5.08	<0.02	89.00	11.1	34	1.89
E844570		6.84	<0.005		0.03	6.56	1.3	2410	1.50	0.03	3.37	0.02	46.50	7.5	36	2.50
E844571		6.48	<0.005		0.04	6.48	1.3	2320	1.86	0.10	2.25	0.05	64.40	6.5	42	2.62
E844572		6.46	<0.005		0.02	6.76	<0.2	1920	1.64	0.03	4.41	0.02	79.40	10.1	38	3.39
E844573		6.86	<0.005		0.05	7.46	2.4	2000	2.49	0.04	1.99	<0.02	57.20	6.5	50	4.34
E844574		6.87	0.007		0.10	6.90	1.6	2060	2.00	0.03	3.48	<0.02	64.20	8.4	45	3.89
E844575		6.36	1.860	1.97	0.16	7.11	2.0	2310	2.23	0.42	1.98	0.02	80.90	6.3	51	3.75
E844576		0.06	0.012		0.58	6.70	4.8	310	75.80	0.56	2.29	0.04	54.10	20.6	89	0.53
E844577		6.96	<0.005		<0.01	6.68	1.9	2010	2.25	0.03	2.34	0.02	71.70	6.8	49	3.61
E844578		6.46	<0.005		0.01	6.72	1.0	1760	2.12	0.02	5.46	<0.02	99.70	7.6	37	4.14
E844579		7.01	<0.005		0.01	6.30	2.1	1660	1.89	0.01	3.67	0.03	96.80	7.1	45	3.96
E844580		6.66	<0.005		0.02	6.66	1.9	1960	2.03	0.04	3.55	0.04	95.10	8.2	40	3.05

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844541		1140.0	1.58	15.95	0.24	1.5	0.036	3.88	44.0	14.3	0.74	794	0.86	1.78	6.5	19.5
E844542		11.8	1.17	16.90	0.26	1.3	0.019	5.95	26.0	12.9	0.61	873	0.32	1.38	5.3	19.1
E844543		8.8	1.02	15.95	0.21	0.9	0.018	6.32	14.7	10.7	0.63	831	0.24	0.63	5.8	22.9
E844544		14.3	0.94	15.75	0.24	0.9	0.017	6.39	20.1	10.1	0.57	863	0.22	0.63	5.5	21.4
E844545		5.5	1.60	16.15	0.21	0.9	0.015	5.02	14.4	11.8	0.86	1110	0.29	0.95	4.0	30.0
E844546		3.6	1.46	18.95	0.11	1.1	0.029	5.39	22.4	15.5	0.65	602	0.28	1.05	5.1	21.7
E844547		31.2	0.79	17.50	0.07	0.9	0.030	4.49	7.9	10.6	0.43	779	0.36	1.47	4.4	19.5
E844548		12.4	0.96	15.65	0.08	0.9	0.022	4.45	5.8	13.7	0.72	883	0.33	1.33	4.4	18.2
E844549		19.7	1.37	19.05	0.13	0.1	0.029	5.47	18.6	25.9	1.13	949	0.28	0.87	2.7	17.5
E844550		7.4	1.13	16.35	0.17	0.7	0.018	5.37	45.6	13.4	0.64	984	0.21	1.10	4.7	19.1
E844551		65.3	2.51	17.60	0.13	1.1	0.025	4.16	42.7	29.1	1.10	1430	1.13	1.25	4.4	25.3
E844552		152.5	3.62	21.50	0.15	1.2	0.036	4.70	38.8	30.8	1.21	1310	2.52	0.96	4.8	34.8
E844553		54.6	3.64	17.05	0.14	0.9	0.032	3.55	35.0	20.9	1.02	2380	0.53	0.70	2.4	31.3
E844554		981.0	1.92	15.55	0.12	1.8	0.040	3.79	38.7	20.4	0.98	1925	1.41	0.98	5.0	24.2
E844555		426.0	2.90	19.05	0.15	1.5	0.047	4.76	43.7	22.7	1.08	1665	0.96	0.93	6.1	22.6
E844556		406.0	3.86	20.80	0.16	1.1	0.051	5.38	59.0	21.3	0.94	1245	1.34	0.81	7.5	27.9
E844557		260.0	3.00	18.35	0.15	1.2	0.040	5.20	48.0	20.4	1.10	1800	0.41	0.60	6.4	27.1
E844558		1075.0	2.59	18.90	0.16	1.4	0.050	5.53	47.5	19.0	1.01	1590	1.22	0.74	9.5	26.1
E844559		1125.0	2.81	18.75	0.17	1.3	0.044	5.46	52.5	19.4	1.04	1465	0.89	0.86	9.9	28.1
E844560		568.0	2.49	19.05	0.16	1.1	0.044	5.83	39.5	19.6	0.87	1175	0.78	0.60	7.0	32.1
E844561		816.0	2.38	19.55	0.15	1.1	0.058	5.12	37.4	25.4	1.01	1775	1.64	0.58	6.3	30.3
E844562		343.0	2.02	20.10	0.16	1.5	0.078	4.79	45.8	19.1	0.86	1575	3.11	0.43	8.5	22.4
E844563		390.0	2.13	19.20	0.21	1.7	0.044	5.79	79.3	23.6	2.07	1215	2.94	0.30	11.8	61.6
E844564		48.6	1.83	22.20	0.22	1.3	0.039	4.73	76.0	22.7	1.33	1280	1.53	0.45	7.1	53.9
E844565		30.9	1.42	20.10	0.20	1.3	0.038	5.03	65.8	20.1	0.82	1340	0.17	0.63	5.4	28.7
E844566		24.1	1.38	19.65	0.23	1.2	0.038	5.78	65.4	19.1	0.81	1305	0.14	0.67	5.3	28.3
E844567		8.9	1.51	19.40	0.18	1.1	0.033	5.29	51.2	21.7	0.93	1205	0.15	0.64	5.1	36.3
E844568		9.0	1.76	22.80	0.22	1.5	0.052	5.69	68.0	23.9	0.89	1290	0.13	0.58	7.0	27.0
E844569		22.6	2.20	20.70	0.18	1.4	0.033	5.43	48.2	24.4	1.11	1405	0.13	0.72	5.7	32.4
E844570		25.7	1.11	18.60	0.14	1.3	0.025	5.89	24.6	16.7	0.71	796	0.48	0.80	5.2	33.3
E844571		34.4	0.84	17.85	0.13	1.4	0.024	4.39	34.2	12.5	0.52	697	2.06	0.87	5.3	31.7
E844572		542.0	1.77	19.40	0.17	1.7	0.051	5.02	42.4	22.7	1.00	847	4.57	0.93	6.0	31.9
E844573		858.0	1.31	24.90	0.12	1.8	0.091	4.85	29.3	15.0	0.59	471	4.65	1.22	7.6	21.7
E844574		539.0	1.41	22.40	0.14	1.6	0.057	4.95	32.7	18.9	0.73	753	6.40	1.00	6.2	28.5
E844575		21.9	2.46	21.20	0.14	1.3	0.048	4.76	41.9	16.5	0.62	652	0.30	0.88	5.2	33.3
E844576		65.2	4.38	19.70	0.17	4.0	0.051	0.54	26.6	14.0	1.18	499	39.50	3.85	8.9	163.5
E844577		14.6	3.65	23.50	0.15	1.6	0.079	4.85	35.8	17.3	0.57	817	0.36	0.91	8.6	25.0
E844578		21.2	2.69	22.00	0.21	1.3	0.059	5.12	54.0	21.0	0.72	1360	0.23	0.75	8.3	24.6
E844579		19.8	3.40	20.00	0.19	1.1	0.064	4.92	53.3	18.5	0.67	998	0.21	0.82	8.1	22.8
E844580		16.5	4.35	21.90	0.20	1.6	0.068	4.84	51.2	21.8	0.70	1375	0.15	0.54	9.3	25.4

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844541		730	3.9	189.0	<0.002	0.20	0.37	9.3	2	1.5	174.0	0.51	0.09	14.7	0.217	0.25
E844542		740	3.1	204.0	<0.002	0.01	0.54	8.3	1	1.6	85.9	0.42	<0.05	14.5	0.160	0.28
E844543		740	2.5	193.0	<0.002	0.01	0.43	9.1	1	1.6	93.1	0.42	<0.05	12.7	0.187	0.31
E844544		690	2.3	195.5	<0.002	0.01	0.41	8.8	1	1.6	84.9	0.43	<0.05	11.5	0.184	0.30
E844545		650	2.4	173.5	<0.002	0.01	0.41	10.6	1	1.6	88.2	0.33	<0.05	14.8	0.173	0.24
E844546		740	3.1	194.0	0.004	0.01	0.59	10.2	2	2.7	61.0	0.46	<0.05	12.4	0.192	0.30
E844547		650	3.0	144.0	0.004	0.01	0.52	10.1	3	1.9	71.2	0.39	0.08	10.6	0.133	0.25
E844548		490	2.6	154.0	0.003	0.01	0.52	8.8	2	1.4	78.9	0.37	0.05	9.0	0.111	0.22
E844549		500	2.9	336.0	0.004	<0.01	1.26	7.2	2	1.2	57.0	0.24	<0.05	5.9	0.089	0.43
E844550		700	3.3	206.0	0.005	0.01	0.60	9.4	2	1.8	81.0	0.39	<0.05	14.0	0.153	0.28
E844551		770	3.1	182.5	0.004	0.01	0.65	10.3	2	2.1	55.4	0.40	0.05	13.8	0.204	0.24
E844552		670	4.1	206.0	0.005	0.02	0.70	10.9	3	2.4	57.1	0.43	<0.05	14.5	0.200	0.28
E844553		470	3.4	171.0	0.004	0.01	0.49	11.7	3	1.5	86.3	0.23	<0.05	10.7	0.111	0.23
E844554		650	2.9	178.5	0.003	0.03	0.60	10.1	3	2.1	75.1	0.35	0.09	12.5	0.152	0.28
E844555		770	2.7	234.0	0.003	0.03	0.64	10.7	3	3.0	67.7	0.52	0.06	13.9	0.221	0.29
E844556		700	2.6	258.0	0.004	0.02	0.52	11.4	3	3.0	62.2	0.61	<0.05	14.6	0.242	0.31
E844557		730	2.6	232.0	0.003	0.01	0.44	12.2	2	2.7	77.2	0.54	<0.05	14.9	0.240	0.29
E844558		720	5.7	228.0	0.004	0.04	0.84	11.2	3	3.1	75.6	0.75	0.05	14.3	0.284	0.30
E844559		770	3.9	244.0	0.003	0.03	0.47	12.1	3	3.0	80.7	0.80	<0.05	15.4	0.312	0.30
E844560		730	11.7	246.0	0.004	0.02	0.52	11.3	2	2.7	76.6	0.58	<0.05	15.1	0.253	0.30
E844561		730	3.0	215.0	0.003	0.07	0.49	11.5	2	3.0	93.5	0.53	0.05	13.2	0.231	0.30
E844562		740	3.1	173.0	0.004	0.04	0.64	10.6	2	3.5	108.0	0.72	<0.05	14.2	0.279	0.32
E844563		1000	5.4	228.0	0.003	0.02	0.46	12.6	2	3.0	99.5	0.77	0.07	14.5	0.261	0.31
E844564		840	6.4	184.5	0.003	0.06	0.51	12.9	2	2.5	142.0	0.48	<0.05	14.0	0.223	0.36
E844565		670	3.1	210.0	0.004	0.02	0.53	11.8	3	2.5	116.0	0.49	<0.05	12.9	0.206	0.34
E844566		700	3.3	239.0	0.004	0.02	0.52	11.4	3	2.4	114.5	0.45	<0.05	13.8	0.206	0.35
E844567		730	3.4	213.0	0.003	0.01	0.67	10.6	2	2.1	99.1	0.46	<0.05	13.8	0.198	0.32
E844568		720	3.1	228.0	0.002	<0.01	0.60	12.7	3	3.0	100.0	0.58	<0.05	14.3	0.243	0.33
E844569		710	3.7	230.0	0.003	0.01	0.49	11.2	2	2.4	121.5	0.49	<0.05	14.0	0.245	0.30
E844570		630	5.1	211.0	0.003	0.02	0.55	10.1	2	1.9	115.0	0.44	<0.05	13.2	0.159	0.32
E844571		590	8.3	153.5	0.003	0.01	0.61	10.1	2	1.8	105.5	0.44	<0.05	12.8	0.144	0.33
E844572		730	6.0	243.0	0.007	0.06	0.40	12.3	2	2.5	149.5	0.48	0.05	14.7	0.229	0.32
E844573		800	6.8	219.0	0.010	0.08	0.52	12.8	2	3.9	128.5	0.60	0.05	13.1	0.254	0.33
E844574		780	6.1	202.0	0.007	0.05	0.52	12.8	2	2.6	161.5	0.51	0.05	13.5	0.219	0.32
E844575		960	6.3	212.0	0.004	<0.01	0.53	11.2	2	2.6	129.5	0.44	0.50	17.1	0.194	0.36
E844576		590	467.0	26.1	0.065	0.17	0.24	16.2	6	5.9	184.0	0.97	0.14	12.8	0.311	0.16
E844577		690	6.1	210.0	0.005	0.01	0.68	11.4	2	3.8	153.0	0.72	<0.05	15.1	0.263	0.31
E844578		730	7.3	245.0	0.006	0.05	0.76	11.4	2	3.3	148.5	0.74	<0.05	15.5	0.246	0.34
E844579		780	7.5	235.0	0.005	0.01	0.57	10.4	2	3.2	128.5	0.68	<0.05	15.7	0.243	0.28
E844580		790	7.5	246.0	0.005	0.08	0.86	10.9	2	3.4	149.0	0.80	<0.05	16.4	0.254	0.39

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844541		3.0	46	2.4	19.5	17	47.9		
E844542		1.8	49	5.9	15.9	10	44.4		
E844543		1.0	62	5.2	13.3	10	30.3		
E844544		1.0	59	5.2	12.5	9	29.2		
E844545		1.5	72	3.2	19.0	9	28.5		
E844546		1.2	58	4.1	14.8	10	38.5		
E844547		1.1	56	4.3	8.0	8	30.9		
E844548		1.1	48	3.7	9.8	10	30.6		
E844549		0.6	31	3.1	13.9	12	11.7		
E844550		1.4	45	4.6	18.6	9	26.3		
E844551		1.8	47	2.3	23.8	23	37.0		
E844552		1.8	58	2.8	20.3	28	41.6		
E844553		1.2	68	2.1	29.0	21	33.5		
E844554		3.5	39	2.5	31.1	17	56.2		
E844555		2.7	49	3.3	21.0	20	49.7		
E844556		2.4	56	3.1	19.4	19	38.8		
E844557		2.2	52	3.3	21.9	23	40.6		
E844558		3.3	53	8.4	26.3	26	46.0		
E844559		3.4	56	3.0	25.6	26	44.4		
E844560		2.3	59	3.7	16.6	24	38.5		
E844561		2.7	55	4.1	18.3	29	37.8		
E844562		3.1	57	11.4	18.0	32	44.8		
E844563		3.4	73	3.1	20.0	50	54.3		
E844564		3.8	74	4.0	16.8	42	42.9		
E844565		2.6	54	5.7	49.4	21	41.2		
E844566		2.5	54	5.2	45.6	21	42.9		
E844567		2.1	53	6.7	19.1	24	36.2		
E844568		1.7	66	4.9	25.0	29	48.7		
E844569		2.1	56	2.5	15.7	35	45.4		
E844570		1.5	52	3.6	11.9	23	44.4		
E844571		1.9	52	3.6	9.1	24	43.5		
E844572		3.5	64	2.7	16.2	29	53.6		
E844573		3.7	80	4.5	12.5	15	59.5		
E844574		3.6	69	3.5	15.0	17	50.3		
E844575		3.2	77	2.7	13.9	25	40.3		
E844576		1600.0	601	3.0	19.2	75	147.0		0.17
E844577		5.7	58	2.9	17.3	27	48.0		
E844578		4.6	49	2.8	21.7	31	40.1		
E844579		3.5	50	2.3	17.0	27	36.8		
E844580		4.3	54	2.6	21.0	41	48.2		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844581		6.84	<0.005		0.03	6.36	2.2	1670	1.88	0.21	4.25	0.02	99.70	6.4	33	2.58
E844582		7.01	<0.005		0.20	6.19	1.2	1570	1.69	0.34	5.47	<0.02	213.00	6.1	29	2.11
E844583		6.90	<0.005		0.10	5.65	0.5	1530	1.30	0.06	6.10	<0.02	71.70	8.3	27	2.32
E844584		0.03	<0.005		0.05	0.05	<0.2	10	<0.05	<0.01	0.02	<0.02	2.44	0.1	<1	<0.05
E844585		6.84	<0.005		0.01	6.04	1.3	1760	1.72	0.03	3.79	<0.02	85.40	5.3	32	2.47
E844586		6.20	<0.005		0.02	6.16	1.1	1800	2.30	0.04	2.70	<0.02	118.00	6.5	37	3.51
E844587		6.22	<0.005		<0.01	6.85	1.4	2190	2.75	0.15	2.58	<0.02	84.50	5.1	41	2.96
E844588		2.38	<0.005		<0.01	6.39	1.7	80	0.54	0.05	7.86	<0.02	198.00	6.6	26	0.48
E844589		2.40	<0.005		0.01	6.56	2.0	110	0.56	0.03	6.90	<0.02	33.70	8.1	36	0.64
E844590		2.63	<0.005		<0.01	6.69	1.2	120	0.68	0.07	9.88	<0.02	63.00	6.6	27	0.74
E844591		2.70	<0.005		<0.01	5.62	1.2	80	1.00	0.07	5.50	<0.02	6.21	6.0	28	0.64
E844592		2.37	<0.005		<0.01	6.81	1.4	60	0.88	0.10	5.50	<0.02	98.20	12.3	32	0.36
E844593		2.20	<0.005		0.02	5.98	2.2	40	0.97	0.08	6.47	0.02	120.00	7.7	26	0.29
E844594		2.35	<0.005		0.02	5.43	1.9	50	0.75	0.05	7.36	<0.02	124.50	14.7	23	0.35
E844595		2.37	<0.005		0.02	6.04	1.5	40	0.57	0.04	7.35	<0.02	109.50	7.3	24	0.35
E844596		2.20	<0.005		<0.01	6.08	0.2	70	0.90	0.03	9.76	<0.02	75.90	4.3	24	0.47
E844597		4.63	<0.005		<0.01	6.86	2.6	50	1.47	0.04	7.56	<0.02	68.00	4.1	31	0.35
E844598		6.16	<0.005		<0.01	7.22	3.8	30	2.56	0.35	8.10	<0.02	25.80	54.9	28	0.56
E844599		7.08	<0.005		0.01	5.78	1.4	40	1.14	0.03	9.24	<0.02	36.40	4.8	24	0.59
E844600		2.29	<0.005		0.02	5.93	1.5	70	1.37	0.03	8.87	<0.02	79.30	6.1	23	1.01
E844601		2.27	<0.005		0.02	5.61	<5	70	1.49	0.03	10.40	<0.02	111.00	6.1	23	1.28
E844602		2.36	<0.005		<0.01	5.54	1.6	40	0.83	0.04	8.14	<0.02	170.50	4.9	22	0.62
E844603		2.70	<0.005		<0.01	5.96	1.3	40	0.97	0.14	8.47	<0.02	20.50	4.9	24	1.06
E844604		2.45	<0.005		0.01	6.27	1.7	50	0.85	0.09	5.79	<0.02	7.91	9.0	28	0.46
E844605		2.53	<0.005		0.02	5.80	1.2	80	0.82	0.06	6.29	0.02	11.40	3.3	29	0.26
E844606		2.05	<0.005		0.02	6.00	1.2	50	0.60	0.06	7.46	<0.02	17.05	6.4	26	0.38
E844607		2.33	<0.005		<0.01	5.83	1.4	50	1.48	0.02	9.69	<0.02	23.60	6.5	25	1.05
E844608		2.38	<0.005		<0.01	5.76	2.7	40	1.08	0.02	8.42	<0.02	9.65	3.4	22	0.30
E844609		2.40	<0.005		0.10	5.71	1.6	50	1.14	0.04	6.58	0.02	11.65	3.1	17	0.42
E844610		6.72	<0.005		0.02	5.08	0.7	40	2.02	0.02	9.44	<0.02	11.90	3.2	28	0.30
E844611		7.28	<0.005		0.02	5.71	1.4	40	1.14	0.08	8.64	<0.02	10.40	37.6	22	0.29
E844612		0.06	<0.005		0.26	6.73	7.9	330	9.32	0.63	1.85	0.24	56.20	21.3	71	1.06
E844613		7.07	<0.005		0.02	6.81	6.7	40	1.45	0.43	5.85	<0.02	64.10	75.1	31	0.59
E844614		7.05	<0.005		0.04	6.69	4.1	30	1.35	0.61	3.43	<0.02	68.30	41.4	37	2.08
E844615		7.29	<0.005		<0.01	6.90	5.3	30	1.53	0.30	4.05	<0.02	51.90	40.1	29	0.48
E844616		7.58	<0.005		<0.01	6.93	5.9	20	1.34	0.77	4.54	0.02	37.20	36.0	30	0.43
E844617		6.90	<0.005		0.02	6.33	3.6	30	1.01	0.15	5.50	<0.02	29.90	29.3	25	0.74
E844618		7.10	<0.005		0.03	7.07	1.5	50	0.93	0.11	8.89	<0.02	61.90	11.5	40	0.39
E844619		7.20	<0.005		0.03	6.93	6.4	20	1.53	0.48	5.66	<0.02	49.00	95.6	52	0.59
E839704		1.06	0.034		0.46	8.06	7.0	7320	1.76	0.38	1.58	<0.02	455.00	22.8	17	0.49

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844581	37.9	3.35	19.55	0.20	1.3	0.060	4.82	52.7	19.1	0.70	1245	0.24	0.69	9.7	22.3
E844582	112.5	3.54	18.00	0.26	1.5	0.052	4.57	109.0	21.3	0.70	1390	0.36	0.68	8.8	19.8
E844583	34.1	3.49	14.70	0.14	1.0	0.027	4.29	37.2	23.3	0.84	1340	0.31	0.62	5.8	21.6
E844584	1.4	0.02	0.28	0.08	0.7	<0.005	0.01	1.4	2.0	<0.01	<5	0.08	<0.01	0.1	0.6
E844585	9.0	2.73	16.60	0.17	1.2	0.045	5.13	43.4	19.6	0.64	877	0.18	0.68	7.8	19.6
E844586	19.7	3.72	21.30	0.17	1.6	0.038	4.85	65.0	19.1	0.61	716	0.27	0.80	5.5	26.5
E844587	21.4	2.04	19.40	0.15	1.8	0.051	5.61	43.2	21.3	0.62	671	0.23	1.12	7.4	24.6
E844588	1.1	3.38	14.80	0.24	0.8	0.023	0.40	95.3	11.8	1.05	2220	0.30	3.86	3.5	7.8
E844589	1.2	5.26	15.35	0.12	1.0	0.022	0.46	16.3	20.4	1.45	2180	0.32	3.46	5.0	16.2
E844590	0.9	5.47	16.60	0.14	1.1	0.030	0.60	31.0	19.7	1.42	3830	0.21	3.37	5.6	13.9
E844591	0.9	5.36	12.70	0.08	0.7	0.014	0.38	3.0	19.4	1.26	2390	0.41	2.78	4.3	14.5
E844592	2.7	3.69	15.50	0.16	1.1	0.008	0.20	48.8	5.2	0.81	1835	0.43	4.85	5.9	9.1
E844593	1.4	4.06	13.65	0.17	1.0	0.008	0.13	62.2	3.1	1.05	1710	0.56	4.49	5.0	6.9
E844594	1.2	4.00	12.20	0.16	1.0	0.012	0.21	64.1	2.9	1.03	2050	0.47	3.84	3.7	10.8
E844595	1.0	4.21	14.05	0.17	0.8	0.014	0.19	55.4	6.4	1.17	2140	0.58	4.16	3.6	6.3
E844596	0.9	3.68	13.90	0.12	1.0	0.023	0.33	38.1	6.6	0.80	2630	0.37	3.93	3.9	3.6
E844597	14.2	3.62	16.75	0.15	1.2	0.017	0.21	35.8	6.1	0.41	1800	0.47	5.02	6.4	3.7
E844598	30.6	2.80	17.70	0.11	1.6	0.014	0.10	12.6	11.9	1.03	1320	3.03	4.85	4.6	35.2
E844599	2.7	2.52	13.40	0.08	1.0	0.010	0.14	17.6	8.1	0.40	1155	0.98	4.23	5.0	7.5
E844600	2.3	2.47	14.50	0.12	1.0	0.008	0.33	39.1	14.3	0.55	962	0.92	4.28	5.5	11.6
E844601	5.2	2.35	14.80	0.14	1.0	0.014	0.37	53.9	17.0	0.67	1110	0.41	3.97	4.2	13.1
E844602	1.7	2.21	13.65	0.18	0.9	0.009	0.17	83.9	7.8	0.48	905	0.39	4.10	3.6	8.4
E844603	1.0	2.68	14.05	0.08	0.9	0.013	0.27	9.8	12.8	0.57	1005	0.53	4.37	4.3	10.5
E844604	1.5	2.78	13.40	0.08	0.8	0.007	0.17	3.6	4.8	0.30	742	0.25	4.54	3.4	7.4
E844605	2.4	2.49	12.90	0.08	0.6	<0.005	0.10	5.2	1.8	0.11	794	0.25	4.46	3.7	2.4
E844606	5.3	2.52	13.10	0.06	0.7	0.006	0.10	7.9	4.5	0.24	1250	0.88	4.64	5.6	5.5
E844607	1.5	2.22	15.60	0.06	1.1	0.013	0.22	11.4	14.6	0.83	1615	0.36	3.97	7.7	19.8
E844608	1.5	2.08	11.95	0.07	0.8	0.008	0.17	4.1	1.9	0.10	1395	0.30	4.25	3.4	1.5
E844609	14.1	1.94	11.50	0.06	0.5	0.007	0.16	5.5	2.1	0.11	1280	0.39	4.36	2.5	2.0
E844610	2.4	2.60	11.20	0.06	0.8	0.008	0.16	5.3	3.1	0.22	1470	0.41	3.62	2.3	2.2
E844611	1.8	1.92	12.55	0.06	0.9	0.009	0.16	5.0	1.8	0.11	1285	3.15	4.30	3.2	9.4
E844612	62.1	4.33	18.80	0.14	3.9	0.304	0.87	27.1	11.7	1.12	512	36.60	3.33	8.7	148.0
E844613	52.6	8.68	21.90	0.17	1.3	0.081	0.18	33.5	23.0	2.84	1310	0.84	3.72	8.0	56.7
E844614	19.6	9.41	26.10	0.18	1.3	0.105	0.23	32.6	45.3	3.73	1270	0.32	3.08	8.7	75.8
E844615	16.9	8.08	22.40	0.18	1.3	0.113	0.12	23.0	27.2	3.42	1215	0.54	3.49	10.5	48.0
E844616	185.5	8.37	20.70	0.15	1.2	0.084	0.13	16.3	24.3	3.11	1260	0.49	3.59	10.3	42.7
E844617	52.0	7.43	19.70	0.13	1.0	0.027	0.16	15.0	26.5	2.45	1510	3.73	3.15	5.3	49.8
E844618	243.0	6.54	17.60	0.17	2.1	0.028	0.27	35.5	5.9	0.49	1560	0.87	4.97	5.7	20.2
E844619	20.2	12.30	23.80	0.23	2.1	0.079	0.06	23.9	19.0	3.01	1120	1.71	3.93	11.8	69.5
E839704	733.0	7.69	16.90	0.36	1.3	0.037	2.09	319.0	14.4	0.89	2000	49.60	4.38	10.4	23.6

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844581		1010	7.1	252.0	0.004	0.01	0.71	9.9	2	3.3	127.0	0.78	0.11	15.5	0.246	0.34
E844582		930	7.2	229.0	<0.002	0.01	0.58	9.8	3	3.0	104.5	0.74	0.27	16.4	0.241	0.31
E844583		730	7.7	203.0	0.002	0.02	0.45	8.6	2	2.1	117.5	0.59	<0.05	12.5	0.204	0.29
E844584		10	0.9	1.0	<0.002	0.01	<0.05	0.4	1	<0.2	2.1	<0.05	<0.05	0.3	0.005	<0.02
E844585		800	5.3	238.0	<0.002	<0.01	0.46	9.7	2	2.6	107.5	0.68	<0.05	14.6	0.240	0.31
E844586		810	3.8	232.0	<0.002	<0.01	0.45	10.2	2	2.4	97.6	0.47	<0.05	14.1	0.186	0.39
E844587		550	3.7	249.0	<0.002	<0.01	0.55	11.3	2	2.8	114.5	0.62	<0.05	14.0	0.222	0.37
E844588		540	2.0	30.6	<0.002	0.05	0.82	13.0	2	1.3	59.2	0.36	<0.05	11.8	0.121	0.08
E844589		590	1.5	35.3	<0.002	0.16	0.85	13.9	2	1.6	44.4	0.45	<0.05	12.0	0.143	0.08
E844590		530	1.7	44.5	0.002	0.08	0.93	14.0	2	1.8	69.1	0.58	0.05	13.3	0.170	0.11
E844591		590	1.8	28.0	<0.002	0.31	0.71	11.6	2	1.6	53.4	0.45	<0.05	11.4	0.137	0.07
E844592		540	2.7	14.8	<0.002	0.15	0.97	10.5	2	1.8	59.6	0.53	<0.05	13.2	0.171	0.04
E844593		580	3.5	9.2	<0.002	0.06	0.89	11.9	2	1.9	54.7	0.49	<0.05	13.2	0.173	0.03
E844594		630	3.8	15.4	<0.002	0.16	0.70	10.8	2	1.7	52.1	0.37	<0.05	12.7	0.155	0.04
E844595		440	2.6	15.9	<0.002	0.04	0.66	13.2	2	1.6	58.4	0.39	<0.05	11.3	0.138	0.04
E844596		520	2.3	26.6	<0.002	0.01	0.71	13.0	2	1.7	73.5	0.38	<0.05	11.3	0.138	0.06
E844597		580	3.4	14.2	<0.002	0.01	0.85	9.4	2	1.9	72.8	0.59	<0.05	13.4	0.173	0.04
E844598		580	2.6	7.6	0.002	0.45	0.62	13.6	4	1.0	66.2	0.35	0.18	6.1	0.278	0.03
E844599		670	2.4	17.5	<0.002	0.05	0.54	8.4	2	1.5	97.1	0.44	<0.05	12.3	0.177	0.03
E844600		670	2.0	42.9	<0.002	0.02	0.56	8.0	2	1.6	117.0	0.46	<0.05	12.8	0.198	0.06
E844601		700	2.6	52.5	<0.002	0.03	0.57	10.4	2	1.5	141.0	0.35	<0.05	14.0	0.173	0.08
E844602		710	2.4	23.6	<0.002	0.04	0.55	7.3	2	1.5	118.0	0.33	<0.05	13.8	0.157	0.03
E844603		660	2.4	39.6	<0.002	0.02	0.56	8.4	2	1.7	125.0	0.37	<0.05	13.8	0.196	0.06
E844604		660	3.7	14.4	<0.002	0.06	0.62	7.0	2	1.6	102.5	0.30	<0.05	16.6	0.174	0.03
E844605		680	2.9	7.0	<0.002	0.02	0.66	5.2	2	1.1	109.5	0.33	<0.05	13.1	0.139	0.02
E844606		690	3.9	8.5	<0.002	0.04	0.70	6.2	2	1.6	110.5	0.51	<0.05	15.9	0.199	0.02
E844607		740	1.7	28.0	<0.002	0.01	0.84	10.7	2	1.7	133.5	0.59	<0.05	13.2	0.219	0.06
E844608		550	2.1	11.0	<0.002	0.02	1.15	7.0	2	1.3	103.5	0.29	<0.05	11.5	0.142	0.02
E844609		470	4.2	10.0	<0.002	0.02	0.62	5.6	2	1.0	79.7	0.21	<0.05	8.9	0.099	0.04
E844610		640	1.7	11.8	<0.002	0.02	0.60	7.3	2	1.4	91.9	0.21	<0.05	10.4	0.119	0.02
E844611		620	2.6	10.0	0.002	0.22	0.58	6.4	3	1.1	70.4	0.28	0.06	11.9	0.122	0.03
E844612		490	83.6	43.6	0.026	0.27	0.30	14.6	4	7.2	159.5	1.11	0.07	13.1	0.297	0.20
E844613		820	3.4	9.5	0.002	0.30	1.44	33.0	3	1.6	109.5	0.57	0.06	4.8	0.754	0.02
E844614		750	1.8	21.4	0.002	0.01	1.31	34.3	3	1.6	64.7	0.65	0.06	5.0	0.818	0.10
E844615		720	1.3	7.2	0.003	0.01	1.37	37.6	3	1.7	93.8	0.74	<0.05	4.5	0.941	0.02
E844616		690	1.5	8.6	0.003	0.02	1.21	34.4	4	1.5	98.0	0.75	<0.05	3.8	0.978	0.02
E844617		760	1.5	13.0	0.004	0.10	0.83	25.8	3	1.2	38.8	0.41	<0.05	7.1	0.479	0.03
E844618		870	2.2	16.6	0.002	0.07	1.05	21.2	3	1.3	42.5	0.41	0.18	9.2	0.321	0.10
E844619		920	1.7	3.7	0.004	0.56	1.07	47.3	4	2.3	54.9	0.72	0.06	4.0	1.185	0.04
E839704		350	27.4	48.6	0.041	0.26	3.88	1.6	5	1.5	335.0	0.54	0.14	73.9	0.076	0.49

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844581		3.5	45	3.9	20.3	30	41.8		
E844582		6.6	44	3.6	26.1	28	44.9		
E844583		2.1	41	2.6	16.0	29	27.6		
E844584		0.3	<1	0.1	1.6	3	20.9		
E844585		7.4	49	3.0	19.2	21	34.8		
E844586		2.0	81	3.2	14.5	22	50.1		
E844587		2.3	67	3.6	13.2	23	51.3		
E844588		8.4	50	1.4	10.6	11	22.4		
E844589		2.8	73	1.5	7.9	20	29.8		
E844590		3.9	73	2.4	8.2	20	32.6		
E844591		3.1	79	1.8	8.1	22	20.3		
E844592		7.2	57	1.7	9.0	10	34.0		
E844593		7.4	60	1.6	12.5	8	31.3		
E844594		7.4	54	1.4	12.8	7	28.8		
E844595		6.3	56	1.3	11.5	8	24.5		
E844596		4.8	59	1.4	14.6	8	27.8		
E844597		6.8	64	2.0	16.2	8	34.7		
E844598		3.0	82	2.1	27.0	20	48.0		
E844599		3.8	54	1.2	12.7	8	30.3		
E844600		2.1	45	0.7	12.4	9	29.7		
E844601		2.5	42	0.7	15.4	11	31.5		
E844602		1.8	40	0.7	9.4	8	27.0		
E844603		2.1	49	0.6	10.3	11	27.7		
E844604		4.0	53	1.0	8.3	12	24.5		
E844605		0.8	53	0.8	7.9	10	18.5		
E844606		1.4	50	1.2	9.4	12	21.4		
E844607		1.2	60	1.2	14.4	15	35.8		
E844608		7.7	35	1.3	13.2	4	23.5		
E844609		3.8	34	1.2	10.1	18	17.1		
E844610		5.5	49	1.1	20.6	4	26.7		
E844611		13.7	33	1.5	14.5	5	30.0		
E844612		207.0	184	6.7	16.4	122	120.0		
E844613		1.5	318	1.0	28.3	47	34.3		
E844614		1.3	363	1.0	27.1	69	30.2		
E844615		1.3	323	1.1	29.8	54	28.4		
E844616		1.1	336	1.2	25.6	51	26.9		
E844617		2.6	253	1.4	22.2	37	27.9		
E844618		5.0	165	1.8	20.7	11	64.7		
E844619		2.3	472	1.6	35.7	46	53.3		
E839704		427.0	37	17.1	44.5	8	38.2		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E839705		2.65	1.085	0.87	0.60	0.52	18.7	320	0.18	1.09	0.52	<0.02	91.00	103.0	28	0.36
E839706		2.49	2.83	2.55	6.98	0.01	2.1	160	0.13	6.17	0.64	0.09	1.72	24.5	7	0.17
E839707		2.80	1.040	1.74	2.23	5.75	13.8	2360	2.41	0.39	0.30	<0.02	400.00	73.0	44	1.41
E839708		2.72	2.83	2.97	17.55	7.07	13.0	620	1.78	9.78	4.43	<0.02	>500	12.2	37	2.93
E839709		2.17	1.445	1.40	11.55	1.88	110.0	170	0.38	33.70	0.41	<0.02	>500	80.6	7	0.67
E839710		2.67	0.184		0.99	6.29	64.4	2560	1.65	1.72	0.91	<0.02	255.00	61.2	38	2.36
E839711		1.75	1.660	1.73	2.47	5.62	53.6	770	1.25	12.55	0.18	0.03	>500	149.0	40	2.54
E839653		2.18	0.413		1.27	4.88	185.0	60	1.06	3.24	4.58	<0.02	238.00	1190.0	31	1.04
E839654		1.01	0.014		0.13	5.66	93.7	150	2.11	7.12	2.61	0.02	261.00	415.0	29	2.59
E839655		1.32	0.053		4.05	6.00	104.5	440	1.72	1.27	4.51	0.02	92.30	66.6	37	1.13
E839656		1.82	0.593		0.24	7.72	7290.0	80	0.96	0.75	3.03	0.03	160.50	5700.0	22	0.13
E839763		0.92	0.027		0.21	10.75	49.5	370	4.02	1.03	0.29	<0.02	16.05	135.5	73	2.96
E839764		0.95	>10.0	18.30	3.74	0.10	42	30	0.11	0.69	19.75	0.05	6.05	90.2	3	0.65
E839765		0.81	0.105		2.01	4.77	30.7	60	2.87	7.55	2.50	<0.02	11.45	40.7	13	3.79
E839766		0.46	0.071		1.73	8.33	16.0	140	2.06	1.52	0.66	<0.02	391.00	37.0	56	0.41
E839767		0.03	0.005		0.02	0.05	0.5	10	<0.05	<0.01	0.01	<0.02	2.71	0.6	1	<0.05
E839768		4.03	0.101		3.14	7.82	31.2	1120	1.29	2.84	0.35	<0.02	47.50	133.0	40	1.70
E846251		0.80	0.012		0.11	7.43	6.3	1530	0.19	0.43	4.29	0.02	194.00	22.2	35	0.57
E846252		1.55	0.055		0.12	7.24	472.0	200	2.80	2.01	9.35	<0.02	37.60	1365.0	33	1.59
E846253		1.50	0.015		0.05	7.38	10.4	600	2.12	0.18	3.63	0.02	86.20	35.2	40	3.51
E846004		0.53	0.005		0.01	10.70	13.2	670	3.05	0.28	0.15	0.08	39.40	5.7	73	14.50
E846005		0.77	0.005		0.03	9.86	1.6	620	3.84	0.17	0.11	0.02	81.50	2.3	70	15.40
E846006		0.84	<0.005		<0.01	9.14	9.0	640	2.84	0.30	0.31	0.04	57.30	8.9	66	10.05
E846007		0.94	<0.005		0.02	9.93	19.7	690	3.64	0.34	0.11	0.03	81.70	4.9	67	11.70
E846008		0.67	<0.005		<0.01	9.70	2.4	640	3.03	0.12	0.13	<0.02	31.10	4.1	61	11.60
E846009		0.41	<0.005		0.01	9.39	11.4	670	2.43	0.11	0.07	<0.02	39.20	5.2	68	8.62
E846010		0.71	<0.005		0.05	9.90	10.2	690	2.74	0.25	0.08	0.04	133.00	5.9	63	10.35
E846011		0.49	<0.005		<0.01	7.01	4.2	430	2.50	0.18	0.30	0.03	21.80	7.5	45	5.36
E846012		0.75	<0.005		0.06	9.75	17.5	730	3.48	0.39	0.13	0.03	34.10	7.4	74	12.50
E846013		0.82	<0.005		0.03	10.10	6.4	690	2.39	0.26	0.10	0.02	41.20	8.6	55	12.20
E846014		0.46	<0.005		0.24	3.52	7.2	190	0.58	0.28	0.03	<0.02	29.40	3.5	37	3.90
E846015		0.60	<0.005		0.05	10.20	14.3	750	3.34	0.27	0.15	0.03	64.50	13.1	75	15.15
E846016		0.57	0.016		0.08	8.22	17.5	30	0.76	0.44	2.72	<0.02	137.00	41.2	28	0.78
E846017		0.64	<0.005		0.14	8.21	5.1	700	0.53	0.07	0.42	0.02	70.10	6.0	53	0.66
E846018		0.74	<0.005		0.05	6.96	9.6	630	0.97	0.26	3.86	0.02	67.10	29.4	42	1.45
E846019		1.05	0.043		0.43	0.94	18	250	0.40	0.22	18.05	0.04	55.30	29.0	2	0.55
E846020		1.18	0.192		1.28	7.14	27.0	2520	2.07	1.15	0.86	<0.02	253.00	90.3	45	2.67
E846021		1.13	0.113		1.15	2.77	40.9	770	1.04	1.81	6.97	0.02	251.00	123.0	15	0.58
E846022		0.65	0.008		0.06	0.25	2.6	2840	0.07	0.10	0.20	0.02	309.00	11.1	11	0.34
E846023		1.19	0.217		0.65	3.86	7.1	280	1.19	0.49	0.71	<0.02	48.50	49.7	28	0.94

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839705	>10000	5.21	2.81	0.17	0.2	0.206	0.37	64.1	2.8	0.11	1540	27.20	0.03	0.3	19.1
E839706	>10000	20.50	0.93	0.65	<0.1	6.110	0.01	1.0	0.8	0.13	1900	2.19	0.02	0.2	8.2
E839707	>10000	10.10	23.30	0.43	2.0	0.216	3.72	285.0	25.6	0.67	743	134.00	0.03	8.8	25.0
E839708	724.0	3.31	27.20	0.87	3.0	0.115	4.67	960.0	20.3	1.75	4330	111.50	1.53	10.6	18.8
E839709	4950.0	34.50	15.40	1.80	0.6	0.076	0.68	1420.0	24.7	0.47	176	210.00	0.01	10.7	63.7
E839710	1360.0	14.20	15.85	0.36	2.0	0.102	3.35	216.0	96.8	1.31	930	57.80	0.05	10.3	34.9
E839711	>10000	13.35	20.20	0.57	2.2	0.111	3.19	490.0	80.6	0.86	280	191.50	0.04	18.6	46.1
E839653	>10000	19.90	18.00	0.40	1.1	0.480	1.27	155.0	29.7	2.31	5150	85.30	1.54	29.2	179.0
E839654	145.5	8.27	19.80	0.28	1.9	0.296	3.02	187.0	29.7	1.46	2450	32.90	0.06	8.3	111.0
E839655	>10000	5.72	19.05	0.21	1.5	0.605	3.30	58.9	21.3	2.05	2710	52.40	1.52	7.0	65.9
E839656	211.0	1.59	24.50	0.22	2.9	0.048	0.06	93.5	2.7	1.27	1210	1.89	6.84	7.9	333.0
E839763	821.0	6.32	44.00	0.17	4.1	0.161	2.39	9.2	38.3	1.14	175	4.57	3.92	8.9	49.3
E839764	5180.0	10.10	0.98	0.16	0.1	0.277	0.05	2.6	3.3	7.96	10750	0.84	0.04	0.2	19.0
E839765	91.3	11.65	10.80	0.18	6.7	0.047	0.05	4.0	124.0	3.44	1735	118.50	0.04	18.3	16.0
E839766	4000.0	8.71	26.90	0.41	3.5	0.112	0.50	249.0	27.3	0.95	788	279.00	4.98	11.5	33.1
E839767	14.3	0.03	0.18	<0.05	0.9	<0.005	<0.01	1.7	2.1	0.01	5	0.63	0.01	0.2	0.4
E839768	3390.0	11.10	20.30	0.45	3.4	0.118	4.97	19.0	84.7	2.68	319	690.00	0.51	25.5	52.7
E846251	2600.0	4.77	13.90	0.29	2.6	0.038	6.29	112.5	9.7	1.48	2210	7.50	0.12	6.4	12.5
E846252	304.0	9.03	17.65	0.17	1.2	0.112	2.93	22.1	15.3	4.20	5910	1.99	1.75	2.7	103.5
E846253	755.0	2.65	18.15	0.17	2.1	0.085	4.49	48.7	16.7	1.86	2370	7.86	1.12	5.3	13.4
E846004	61.3	3.32	30.80	0.14	3.2	0.080	3.08	18.3	46.0	1.05	388	1.82	0.95	13.4	6.9
E846005	16.5	2.40	28.00	0.17	3.6	0.070	3.01	38.7	35.5	0.88	312	1.98	0.65	6.5	5.0
E846006	23.1	3.92	26.20	0.15	3.0	0.072	2.63	22.9	44.5	1.02	547	0.89	0.41	15.8	19.9
E846007	21.6	3.89	28.00	0.17	3.1	0.079	2.84	37.5	46.4	1.06	490	1.14	0.53	14.1	13.8
E846008	12.1	3.50	25.90	0.12	3.5	0.078	2.72	12.6	44.8	0.99	395	2.27	0.78	12.3	8.1
E846009	13.2	3.45	24.40	0.13	2.8	0.063	2.90	18.8	42.6	0.98	414	1.13	0.56	12.0	18.4
E846010	20.5	3.43	30.00	0.22	4.2	0.080	3.10	69.9	48.9	1.01	387	1.20	0.53	17.7	17.4
E846011	24.2	3.79	17.65	0.11	2.0	0.046	1.60	12.8	38.8	0.99	466	0.64	0.55	10.8	17.8
E846012	29.6	3.82	28.80	0.13	4.0	0.083	2.85	15.5	55.5	0.85	334	1.50	0.51	15.2	20.7
E846013	33.0	4.17	28.70	0.14	3.7	0.077	2.44	19.2	52.1	1.03	375	1.23	0.58	12.8	22.5
E846014	49.9	2.62	9.20	0.11	1.3	0.028	0.74	15.4	27.1	0.49	184	0.42	0.28	4.4	12.0
E846015	36.2	4.60	29.70	0.16	3.7	0.086	2.69	30.8	64.7	1.00	492	0.77	0.33	12.4	19.8
E846016	155.0	2.44	21.80	0.19	2.6	0.024	0.39	77.8	13.2	1.50	1420	7.76	5.61	6.8	13.3
E846017	9.2	6.31	20.90	0.20	1.9	0.022	6.47	33.6	27.2	1.38	952	0.53	1.05	8.7	33.1
E846018	9.3	6.65	19.85	0.17	1.6	0.054	4.64	39.3	36.6	3.15	3420	1.40	0.45	6.0	36.8
E846019	540.0	12.15	4.81	0.19	0.3	0.210	0.21	32.3	9.5	6.00	17700	33.60	0.14	2.1	17.4
E846020	6410.0	10.00	21.60	0.32	2.2	0.097	4.06	173.0	47.9	1.74	773	47.00	0.04	4.2	27.3
E846021	4000.0	26.50	11.30	0.45	0.8	0.216	1.45	184.5	15.5	2.92	8210	26.00	0.02	18.9	52.7
E846022	>10000	1.36	2.30	0.19	0.1	0.064	0.06	230.0	4.0	0.15	787	5.15	0.03	0.4	4.0
E846023	5090.0	10.15	11.10	0.19	1.2	0.104	2.72	20.8	10.6	0.47	1715	9.00	0.03	2.8	22.1

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839705	460	4.9	14.6	0.002	1.45	1.07	1.6	9	1.6	17.2	<0.05	0.39	4.6	0.012	0.40
E839706	30	8.2	0.8	0.003	>10.0	0.93	0.8	80	14.9	16.6	<0.05	3.31	0.5	<0.005	0.09
E839707	1230	20.2	166.0	0.007	0.78	1.96	13.3	24	30.0	34.5	0.42	1.23	19.9	0.127	1.02
E839708	740	91.2	147.5	0.184	0.07	5.24	13.6	16	32.4	38.7	0.85	15.00	27.8	0.242	1.72
E839709	3020	10.4	36.5	0.107	2.01	1.82	2.3	53	27.5	404.0	0.17	27.40	4.0	0.027	0.29
E839710	940	52.3	159.5	0.008	0.16	3.55	10.0	7	76.5	32.9	0.50	2.09	21.6	0.160	1.03
E839711	1320	37.2	140.0	0.236	1.30	4.84	8.9	17	52.5	17.9	0.64	6.40	18.8	0.145	1.13
E839653	1170	6.7	67.4	0.040	8.93	1.19	13.1	7	5.2	44.6	0.52	0.90	10.7	0.135	0.15
E839654	1020	6.8	174.0	0.007	6.79	2.13	10.5	5	16.3	20.0	0.36	0.61	14.4	0.119	0.31
E839655	990	8.0	147.0	0.005	1.75	1.76	15.9	7	7.0	25.8	0.43	1.10	16.9	0.118	0.28
E839656	1620	9.6	2.2	0.002	0.43	1.20	8.7	3	2.7	32.8	0.56	0.90	38.7	0.163	<0.02
E839763	1300	5.0	144.5	0.002	2.23	1.78	25.7	3	19.0	25.7	0.70	0.24	12.8	0.354	1.23
E839764	10	5.8	3.2	<0.002	1.29	0.52	13.6	4	0.8	98.2	<0.05	0.08	0.2	<0.005	0.72
E839765	960	51.6	3.3	0.004	0.83	7.36	2.8	4	0.4	18.3	0.85	0.06	137.5	0.152	1.21
E839766	960	52.8	13.7	0.052	0.11	5.58	4.4	11	4.1	84.6	1.63	0.20	169.5	0.107	0.23
E839767	20	0.9	0.2	<0.002	0.01	<0.05	0.1	3	<0.2	2.0	<0.05	<0.05	0.5	0.005	<0.02
E839768	940	72.7	79.8	3.130	0.70	8.38	5.7	18	3.3	20.7	1.89	0.69	101.5	0.180	1.98
E846251	2760	3.1	131.0	0.023	0.23	0.79	12.2	3	2.8	28.0	0.35	0.07	24.2	0.125	0.46
E846252	430	3.0	146.0	0.002	6.28	0.48	32.0	4	2.5	30.3	0.17	0.42	10.0	0.129	0.22
E846253	590	2.3	180.0	0.028	0.47	0.65	14.3	3	2.1	22.1	0.36	0.09	14.7	0.135	0.40
E846004	300	13.4	224.0	0.002	0.02	0.71	19.2	2	3.2	94.8	0.87	<0.05	16.2	0.254	1.23
E846005	440	6.6	204.0	0.003	0.01	0.53	17.9	2	2.8	87.7	0.51	<0.05	18.8	0.194	1.17
E846006	400	7.8	184.5	<0.002	0.06	0.48	16.1	2	3.2	62.7	1.25	<0.05	17.2	0.334	0.92
E846007	370	8.4	198.5	0.002	0.01	0.46	17.9	2	3.1	75.3	1.10	0.07	20.6	0.226	1.04
E846008	340	3.1	193.5	0.003	0.01	0.38	16.2	2	3.0	95.6	0.93	<0.05	19.6	0.231	1.04
E846009	250	5.8	184.5	<0.002	0.01	0.47	14.2	2	2.9	56.7	0.97	<0.05	14.1	0.250	0.95
E846010	370	13.5	218.0	0.002	0.02	1.37	18.7	3	3.8	61.0	1.41	<0.05	19.9	0.346	1.13
E846011	170	3.3	114.0	<0.002	0.04	0.61	9.9	2	1.7	61.7	0.68	0.05	7.3	0.139	0.56
E846012	310	7.2	183.0	<0.002	0.05	2.08	17.0	2	3.2	138.5	1.11	0.06	13.5	0.268	1.07
E846013	170	8.6	181.5	<0.002	0.10	2.16	16.4	2	3.1	141.5	0.91	<0.05	13.0	0.219	0.94
E846014	140	4.5	57.6	<0.002	0.03	0.91	5.2	3	1.0	25.5	0.32	0.08	7.7	0.102	0.28
E846015	370	9.1	196.0	<0.002	0.01	0.95	20.1	2	3.1	78.8	1.00	0.05	17.9	0.288	1.04
E846016	660	3.2	10.9	<0.002	0.97	0.67	4.0	2	0.7	20.0	0.54	0.12	12.8	0.137	0.06
E846017	770	2.3	142.0	0.002	0.01	1.96	8.8	2	2.5	10.2	0.79	<0.05	16.5	0.238	0.44
E846018	820	1.9	111.0	<0.002	0.07	0.98	14.5	2	3.1	22.7	0.52	0.07	13.9	0.182	0.58
E846019	110	11.3	11.0	<0.002	0.12	0.46	2.5	2	0.8	69.3	0.08	<0.05	6.3	0.022	1.10
E846020	1810	5.1	155.5	0.020	0.47	1.87	10.7	11	11.8	104.0	0.20	0.66	15.9	0.079	2.58
E846021	1460	6.4	55.8	0.011	0.63	0.77	5.7	10	21.4	122.0	0.19	1.82	5.1	0.032	0.37
E846022	210	3.7	3.2	<0.002	0.09	0.94	0.6	2	1.1	49.0	<0.05	<0.05	7.2	0.007	0.27
E846023	380	1.8	94.4	0.002	0.64	0.76	7.0	4	6.7	2450.0	0.15	0.30	6.1	0.057	0.76

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839705		6.8	11	2.2	4.6	7	7.3	1.055	
E839706		5.0	4	1.3	2.2	10	2.6	19.80	
E839707		99.7	58	28.8	25.3	4	57.2	1.120	
E839708		940.0	68	123.5	105.5	5	94.8		
E839709		112.5	31	12.0	28.8	32	15.7		
E839710		740.0	64	28.6	44.0	34	54.9		
E839711		1140.0	54	44.0	32.3	16	62.5	1.225	0.12
E839653		27.7	491	15.3	22.6	16	30.6	2.14	
E839654		10.5	63	16.2	12.8	4	52.1		
E839655		20.6	57	7.3	15.3	12	45.4	2.05	
E839656		122.0	24	11.0	17.2	9	89.4		
E839763		37.5	336	16.7	15.8	9	105.5		
E839764		1.1	45	3.2	20.2	13	0.8		
E839765		470.0	54	59.7	48.4	80	176.5		
E839766		1070.0	79	27.8	94.2	50	97.9		0.12
E839767		1.6	<1	0.1	1.9	2	24.7		
E839768		2120.0	22	15.9	88.1	135	99.1		0.22
E846251		23.0	135	4.6	21.6	8	72.0		
E846252		5.2	59	7.0	13.9	5	36.9		
E846253		17.6	45	2.5	13.8	6	60.8		
E846004		4.0	98	1.8	12.9	85	89.7		
E846005		4.8	95	1.5	22.2	60	95.9		
E846006		3.7	73	2.0	21.4	100	82.1		
E846007		4.7	91	1.8	18.0	56	85.6		
E846008		5.3	84	1.5	14.9	27	99.3		
E846009		2.9	76	1.4	10.4	92	73.8		
E846010		4.5	79	1.6	19.9	99	111.0		
E846011		2.2	50	3.1	7.5	76	57.1		
E846012		4.8	90	1.8	11.5	76	106.0		
E846013		4.0	74	1.5	11.7	95	97.7		
E846014		1.4	24	0.7	3.2	28	37.3		
E846015		4.6	95	1.4	12.3	97	99.5		
E846016		3.8	42	31.5	8.8	7	70.9		
E846017		2.9	66	3.4	8.2	40	54.9		
E846018		2.3	84	3.5	9.1	37	44.1		
E846019		7.8	62	3.0	18.7	19	10.6		
E846020		17.4	68	11.8	15.0	29	62.2		
E846021		15.6	47	10.9	18.7	15	22.4		
E846022		3.2	2	1.3	6.0	11	2.2	1.105	
E846023		8.2	34	17.2	6.4	3	34.6		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846024		0.90	0.423		1.39	3.57	37.4	90	0.69	7.90	8.55	<0.02	440.00	136.5	20	0.71
E839922		0.75	0.031		0.21	6.66	2.3	100	0.80	1.84	4.34	0.02	70.00	7.7	36	0.40
E839923		1.02	0.024		0.14	6.37	1.6	260	0.54	1.01	5.67	0.02	52.20	9.5	33	0.49
E839924		0.87	0.133		1.62	4.82	<0.2	50	0.56	5.33	4.19	0.02	57.40	25.2	23	0.44
E839925		0.81	0.109		0.72	6.35	<0.2	50	1.23	4.36	1.12	<0.02	42.10	41.4	33	1.02
E839926		0.80	0.254		2.65	4.42	3.0	70	0.72	16.90	1.69	0.06	28.50	50.1	167	1.59
E839927		0.71	0.019		0.02	7.16	11.1	90	3.31	0.23	0.35	<0.02	22.40	91.2	233	2.89
E839928		0.76	0.037		0.02	7.06	6.0	110	2.00	0.22	1.15	0.04	113.00	132.5	273	3.05
E839929		0.89	<0.005		<0.01	7.67	3.6	70	1.53	0.15	0.52	0.02	54.80	31.8	480	2.91
E839930		0.83	0.006		0.03	7.16	0.7	60	1.94	0.42	1.39	0.03	19.75	17.5	66	2.33
E839931		0.70	0.013		0.02	7.99	0.9	140	4.28	0.05	1.26	<0.02	21.70	27.6	59	5.36
E839932		0.70	0.007		0.01	1.90	12	130	1.05	0.05	19.85	0.02	70.60	7.8	7	1.43
E839933		1.11	0.030		<0.01	4.39	10	220	0.86	0.25	10.60	0.02	70.70	5.9	4	1.45
E839934		0.80	<0.005		<0.01	5.21	9.3	440	1.38	0.11	5.90	<0.02	131.50	8.6	11	3.30
E839914		0.04	<0.005		0.03	0.06	0.9	20	<0.05	<0.01	0.02	0.02	3.69	0.1	1	0.06
E839727		5.19	0.014		0.14	7.97	8.4	1880	2.32	0.28	0.53	0.02	470.00	43.5	54	1.65
E839728		6.38	0.014		0.09	6.97	5.9	480	1.29	0.08	0.42	<0.02	337.00	52.6	49	1.61
E839729		7.16	0.083		0.29	7.70	10.6	650	1.72	0.41	0.72	0.04	139.00	66.6	57	0.75
E839730		6.68	0.495		1.18	6.62	8.8	1020	1.48	2.47	3.45	<0.02	294.00	36.8	39	2.16
E839731		6.56	0.006		0.03	7.39	2.3	1450	1.49	0.07	3.12	<0.02	39.00	13.2	48	2.34

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846024		>10000	12.50	12.60	0.45	1.1	0.359	2.29	312.0	11.0	2.72	10750	53.30	0.03	14.2	41.8
E839922		>10000	4.28	15.85	0.15	1.5	0.127	0.14	38.8	7.8	1.52	3780	2.20	4.43	9.0	12.6
E839923		>10000	5.04	14.65	0.14	0.9	0.157	0.13	28.2	7.3	1.95	5680	1.22	4.29	6.9	11.6
E839924		>10000	11.00	12.55	0.57	0.8	0.794	0.11	27.2	6.6	1.38	7720	2.77	3.10	4.6	18.6
E839925		>10000	11.35	17.25	0.47	1.6	0.753	0.30	19.5	20.5	2.86	2410	6.86	2.65	4.7	62.1
E839926		>10000	18.30	16.05	0.90	1.1	1.310	0.36	13.8	23.9	2.81	3920	5.34	1.52	4.9	98.3
E839927		551.0	8.50	21.60	0.13	1.0	0.026	0.77	9.1	35.7	4.11	600	0.63	3.25	3.9	114.5
E839928		266.0	7.89	26.40	0.14	1.9	0.035	0.69	25.6	42.8	4.06	1235	1.50	3.04	5.5	112.0
E839929		400.0	8.24	31.80	0.14	1.5	0.039	0.87	25.2	58.1	4.96	808	0.29	3.14	14.4	122.5
E839930		956.0	10.20	30.30	0.15	1.0	0.047	0.30	8.4	35.4	4.18	813	0.72	3.85	2.4	83.1
E839931		50.9	11.90	33.30	0.18	0.9	0.035	1.83	11.1	46.9	5.82	466	0.40	2.78	2.3	98.1
E839932		51.4	10.35	8.58	0.18	1.1	0.061	0.45	38.0	16.6	1.35	2390	1.42	0.68	13.0	17.9
E839933		41.3	3.35	8.81	0.13	2.9	0.029	1.81	38.9	16.4	1.09	1290	0.46	1.84	8.5	8.8
E839934		44.4	6.77	12.95	0.21	2.7	0.023	3.96	70.6	31.0	1.50	764	0.44	1.31	24.4	24.5
E839914		16.7	0.03	0.17	<0.05	1.0	<0.005	0.01	1.7	2.3	0.01	5	0.05	<0.01	0.2	0.9
E839727		420.0	12.85	30.20	0.48	2.4	0.071	1.79	316.0	91.1	2.70	310	13.50	2.05	2.8	63.6
E839728		351.0	16.90	27.90	0.43	2.3	0.037	3.40	211.0	85.8	3.01	298	8.98	0.29	2.0	69.6
E839729		3570.0	14.30	24.00	0.25	1.6	0.083	0.82	95.9	24.8	1.10	437	4.49	4.06	1.3	52.1
E839730		9920.0	11.80	18.20	0.38	2.0	0.102	4.30	197.0	40.5	2.86	2460	46.80	0.19	16.4	59.7
E839731		141.0	5.72	17.90	0.15	2.2	0.056	5.56	25.2	25.1	1.86	2720	1.55	1.38	3.0	15.3

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846024		1760	11.2	74.1	0.070	4.29	3.46	9.7	15	39.0	76.8	0.33	2.40	6.8	0.093	11.70
E839922		820	2.8	12.5	<0.002	0.36	0.51	11.2	10	2.4	27.3	0.70	0.08	12.8	0.233	0.14
E839923		680	2.4	11.8	<0.002	0.37	0.43	13.8	9	2.3	27.2	0.55	<0.05	11.8	0.196	0.07
E839924		590	13.4	9.1	<0.002	1.25	0.90	16.1	80	1.9	19.1	0.35	0.28	8.7	0.108	0.08
E839925		720	10.5	24.9	<0.002	0.54	0.76	30.7	63	1.7	15.2	0.33	0.30	5.7	0.205	0.03
E839926		570	39.6	15.4	<0.002	1.44	1.08	26.3	191	1.8	12.8	0.32	0.41	3.8	0.214	0.04
E839927		720	1.6	21.5	<0.002	0.02	0.29	20.6	4	1.4	9.2	0.29	0.07	3.6	0.251	0.16
E839928		1810	2.3	65.7	<0.002	0.01	0.33	20.6	3	2.4	14.3	0.36	0.14	15.7	0.276	0.15
E839929		940	2.0	36.8	<0.002	0.01	0.50	28.3	2	3.0	9.2	0.80	<0.05	8.0	0.489	0.14
E839930		510	1.6	10.0	<0.002	<0.01	0.30	27.9	2	0.9	13.7	0.19	0.17	1.9	0.390	0.08
E839931		530	1.6	59.4	<0.002	<0.01	0.36	32.4	2	1.3	14.0	0.17	0.07	1.3	0.484	0.23
E839932		4400	2.8	42.0	<0.002	<0.01	0.24	14.9	4	3.0	95.8	0.35	<0.05	6.9	0.123	0.09
E839933		2150	3.4	77.6	<0.002	<0.01	0.29	4.3	2	5.4	64.6	0.58	0.17	16.2	0.232	0.13
E839934		4070	3.1	175.5	<0.002	<0.01	0.35	6.6	3	6.1	45.4	1.26	0.05	31.2	0.253	0.27
E839914		20	2.1	0.5	<0.002	0.01	0.11	0.2	3	<0.2	2.3	<0.05	<0.05	0.5	0.006	<0.02
E839727		1230	8.7	35.4	0.003	0.07	1.63	16.0	4	5.0	47.1	0.30	0.07	34.4	0.076	0.48
E839728		1190	4.8	40.6	0.004	0.05	1.29	7.7	3	2.8	13.6	0.12	0.06	15.2	0.074	0.80
E839729		780	5.3	22.0	0.002	0.59	0.86	3.3	7	1.5	103.5	0.10	0.14	10.5	0.028	0.20
E839730		2210	11.9	107.0	0.017	0.60	1.71	10.0	13	21.0	24.9	0.32	0.94	14.5	0.128	0.70
E839731		720	2.3	134.0	<0.002	0.03	0.97	11.1	2	5.2	31.4	0.25	<0.05	15.0	0.148	0.90

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846024		35.3	68	31.9	33.1	11	31.4	1.790	
E839922		3.2	50	1.9	13.3	8	43.6	1.155	
E839923		2.5	57	1.8	14.6	9	27.1	2.00	
E839924		2.1	34	1.2	17.6	16	19.7	9.65	
E839925		3.5	113	1.1	11.8	16	35.0	6.23	
E839926		2.8	88	1.3	15.3	25	30.2	9.69	
E839927		1.7	145	1.0	8.5	18	30.1		
E839928		5.2	143	2.1	12.5	26	61.1		
E839929		1.8	200	1.7	9.7	25	44.8		
E839930		1.4	364	0.7	9.0	19	23.9		
E839931		0.8	460	1.1	7.2	18	18.7		
E839932		4.7	136	1.1	67.4	9	33.2		
E839933		9.5	45	2.2	26.5	7	104.5		
E839934		6.6	103	2.9	29.0	10	95.4		
E839914		0.1	<1	0.1	2.1	4	27.6		
E839727		159.0	75	8.6	34.4	121	70.9		
E839728		77.7	124	3.8	20.4	153	63.9		
E839729		37.3	167	3.3	12.6	44	45.3		
E839730		153.5	65	15.3	27.4	63	53.8		
E839731		21.6	69	6.2	11.2	23	62.3		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

CERTIFICATE TR07065308

Project: Werneckes

P.O. No.: FRG07-01

This report is for 95 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844620		6.90	<0.005		0.06	7.51	7.6	40	1.29	3.50	5.05	<0.02	57.10	74.9	50	0.26
E844621		6.98	0.006		0.05	7.48	4.5	30	1.21	1.46	7.19	<0.02	47.00	37.7	45	0.30
E844622		7.23	<0.005		0.05	7.16	4.6	100	1.58	0.18	8.49	0.02	87.70	67.3	19	0.82
E844623		6.93	0.005		0.05	6.68	2.3	50	2.40	0.13	9.79	0.02	16.65	100.5	23	0.36
E844624		6.75	0.005		0.04	4.32	<5	40	1.00	0.24	10.55	0.02	19.75	100.5	23	0.36
E844625		6.85	<0.005		0.04	5.89	2.2	60	1.51	0.02	8.25	<0.02	19.10	18.1	37	0.42
E844626		6.26	<0.005		0.03	4.61	<5	110	2.55	0.05	10.80	<0.02	57.20	30.2	24	0.38
E844627		6.01	<0.005		0.03	5.57	1.1	70	0.70	0.05	5.83	<0.02	11.00	14.7	23	0.37
E844628		6.03	<0.005		0.04	5.31	1.4	70	1.29	0.06	7.40	0.02	43.90	27.2	23	0.49
E844629		6.67	0.005		0.03	4.89	<5	70	1.70	0.06	10.15	<0.02	80.40	35.7	24	0.46
E844630		6.96	<0.005		0.02	5.26	1.9	80	1.05	0.03	9.60	<0.02	62.10	18.2	28	0.53
E844631		4.81	<0.005		0.02	5.83	1.3	50	1.12	0.01	9.18	<0.02	45.10	18.6	30	0.33
E844632		2.67	<0.005		0.03	5.61	1.5	60	2.82	0.06	8.25	<0.02	118.00	29.3	25	0.42
E844633		0.05	<0.005		0.01	0.04	0.3	10	<0.05	<0.01	0.02	<0.02	2.88	0.1	1	<0.05
E844634		5.87	<0.005		0.03	5.79	2.3	70	1.28	0.02	8.54	<0.02	31.90	29.3	27	0.46
E844635		5.53	<0.005		0.02	7.72	1.3	40	1.67	0.01	1.26	<0.02	32.10	5.6	28	0.30
E844636		6.31	0.012		0.04	6.58	6.2	170	1.03	0.90	5.27	<0.02	28.60	87.3	28	1.01
E844637		3.40	0.044		0.04	5.62	11.9	60	2.13	3.52	9.70	<0.02	12.30	328.0	18	0.33
E844638		3.88	0.051		0.06	5.58	13.8	60	2.08	4.61	9.86	<0.02	12.95	420.0	17	0.33
E844639		6.79	<0.005		0.08	4.21	<5	100	3.70	0.20	14.75	<0.02	27.30	23.0	20	0.47
E844640		5.61	0.008		0.18	3.92	<5	90	5.04	0.21	12.50	<0.02	31.30	28.1	25	0.55
E844641		7.38	0.010		0.06	5.69	2.7	90	2.92	0.14	8.78	<0.02	67.10	30.1	28	0.58
E844642		0.06	0.005		0.59	7.44	5.4	370	86.00	0.50	2.53	0.29	56.10	21.6	106	0.56
E844643		7.42	0.006		0.09	5.81	2.4	150	2.55	0.14	8.16	<0.02	29.00	24.9	27	0.97
E844644		7.75	<0.005		0.04	6.02	1.5	80	0.72	0.06	6.74	<0.02	45.00	20.9	24	0.60
E844645		7.29	<0.005		0.07	7.06	1.8	90	0.65	0.10	5.19	0.04	24.50	22.3	34	0.59
E844646		3.46	<0.005		0.13	6.00	1.9	120	1.05	0.03	9.38	0.02	36.50	30.5	28	0.83
E844647		7.64	<0.005		0.10	5.26	2.5	90	1.25	0.12	9.95	<0.02	79.30	23.9	25	0.56
E844648		7.26	0.006		0.06	6.48	2.7	120	1.71	0.07	7.52	<0.02	248.00	12.5	53	0.81
E844649		5.98	<0.005		0.07	4.97	2.7	80	0.49	0.10	9.69	<0.02	251.00	13.9	25	0.55
E844650		6.86	<0.005		0.03	4.07	<5	80	0.49	0.05	15.30	<0.02	191.50	10.3	16	0.56
E844651		6.90	<0.005		0.03	4.96	2.7	100	1.07	0.15	8.95	<0.02	68.30	54.7	26	0.72
E844652		7.48	0.012		0.11	4.09	9	80	0.44	0.11	12.35	<0.02	77.00	45.5	20	0.50
E844653		7.59	0.006		0.12	4.44	11	90	1.73	0.22	10.80	<0.02	47.50	36.2	18	0.58
E844654		7.45	0.021		0.06	6.34	2.0	100	0.57	0.22	4.12	<0.02	6.39	46.3	30	0.70
E844655		7.40	0.006		0.06	4.82	2.2	70	1.70	0.23	8.89	<0.02	37.80	45.2	26	0.50
E844656		7.30	0.017		0.10	5.53	2.2	60	0.51	0.27	7.20	<0.02	44.40	59.5	23	0.43
E844657		7.23	0.043		0.08	6.13	2.0	70	0.69	1.00	6.06	<0.02	70.60	36.0	14	0.55
E844658		7.14	0.021		0.06	6.99	2.0	80	0.70	0.23	6.90	<0.02	115.00	20.9	23	0.70
E844659		6.84	<0.005		0.08	8.15	1.9	50	0.57	0.06	2.94	<0.02	29.20	10.9	55	0.37

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E844620		250.0	11.40	22.70	0.18	1.9	0.212	0.16	28.7	14.5	3.36	1325	6.44	4.01	11.2	61.8
E844621		92.4	7.92	17.95	0.17	1.7	0.093	0.08	27.4	11.5	2.06	1245	5.64	4.72	8.9	37.9
E844622		7.2	6.04	18.30	0.19	1.5	0.032	0.52	47.6	11.6	0.88	1735	1.72	4.30	8.3	35.8
E844623		6.4	5.32	13.85	0.13	1.3	0.017	0.20	8.2	1.6	0.10	1420	4.55	4.86	5.3	27.3
E844624		7.0	3.95	9.76	0.10	1.1	0.025	0.20	10.3	2.1	0.15	1450	2.43	3.03	3.9	50.3
E844625		33.0	7.17	13.50	0.15	0.8	0.023	0.31	10.2	3.1	0.20	1605	0.56	3.99	4.7	7.6
E844626		20.7	3.55	9.53	0.13	1.1	0.024	0.27	30.0	3.8	0.27	1860	1.21	2.96	2.8	13.6
E844627		20.3	1.01	10.40	0.09	1.3	0.014	0.21	5.5	2.8	0.17	1055	0.36	3.93	2.9	7.9
E844628		44.2	2.59	11.10	0.13	1.1	0.020	0.30	22.8	3.9	0.26	1490	0.87	3.51	2.9	10.7
E844629		7.5	5.15	10.35	0.15	0.7	0.028	0.37	42.6	5.4	0.39	2280	1.09	2.96	2.2	15.3
E844630		31.3	4.65	11.40	0.14	0.8	0.025	0.41	33.6	3.5	0.24	1870	4.30	3.33	2.9	7.7
E844631		49.7	4.42	12.40	0.12	0.7	0.020	0.25	24.1	2.4	0.17	1670	1.06	3.99	2.8	8.1
E844632		761.0	3.96	11.80	0.20	0.8	0.034	0.37	61.2	1.8	0.12	1510	1.15	3.78	3.0	9.0
E844633		2.2	0.02	0.19	0.07	0.9	<0.005	<0.01	1.7	2.3	<0.01	5	0.06	0.01	0.2	0.4
E844634		28.0	5.28	12.15	0.13	0.8	0.024	0.39	17.7	2.8	0.17	1655	1.85	3.80	3.3	9.1
E844635		22.7	0.53	18.90	0.09	1.2	0.008	0.17	16.9	0.7	0.03	287	4.59	6.64	8.3	2.4
E844636		3.7	1.13	16.65	0.13	1.0	0.041	0.88	14.6	6.8	0.51	1545	38.30	3.85	3.9	9.8
E844637		6.2	2.58	13.00	0.10	0.8	0.020	0.25	5.7	2.4	0.48	1960	4.53	3.82	1.6	11.0
E844638		5.8	2.69	12.95	0.11	0.8	0.019	0.25	6.0	2.3	0.47	1965	6.50	3.83	1.6	12.9
E844639		1900.0	6.37	8.94	0.13	0.7	0.051	0.38	13.0	5.8	0.39	2250	1.07	2.08	2.9	8.0
E844640		2490.0	8.27	9.22	0.16	0.9	0.068	0.50	15.4	3.0	0.25	2220	1.20	2.25	2.8	8.3
E844641		2300.0	6.61	12.30	0.16	0.9	0.057	0.53	36.0	4.4	0.34	2050	2.12	3.46	3.3	10.4
E844642		70.6	5.04	20.70	0.17	4.4	0.052	0.62	27.7	15.8	1.32	573	39.70	4.23	8.7	186.5
E844643		1500.0	8.99	14.25	0.18	0.7	0.068	0.96	15.7	11.1	0.75	2730	1.41	2.61	4.0	11.9
E844644		766.0	8.02	13.90	0.15	0.7	0.041	0.49	24.5	11.8	0.69	2350	0.74	3.44	2.5	11.4
E844645		1280.0	6.70	17.10	0.14	0.9	0.051	0.54	12.7	10.9	0.61	2040	0.49	4.73	3.3	8.9
E844646		66.8	5.33	13.85	0.12	0.7	0.042	0.78	19.9	6.3	0.39	2680	0.76	3.29	2.2	10.3
E844647		159.0	5.76	13.10	0.17	0.6	0.035	0.52	40.7	6.7	0.36	2360	0.74	3.08	2.3	9.6
E844648		106.0	6.19	19.05	0.30	1.2	0.045	0.75	130.0	13.3	0.75	2130	3.68	3.53	3.0	19.8
E844649		62.4	6.81	13.55	0.27	0.8	0.034	0.44	126.5	11.0	0.56	2010	0.92	2.81	3.5	11.0
E844650		298.0	5.94	10.70	0.25	0.6	0.044	0.43	94.9	17.4	0.90	2970	0.44	1.83	2.2	12.5
E844651		289.0	6.30	11.45	0.22	1.0	0.037	0.59	38.4	5.2	0.34	1720	1.98	2.80	3.6	13.6
E844652		1230.0	5.86	10.60	0.14	0.8	0.045	0.45	40.0	7.6	0.71	2260	3.11	2.25	3.7	15.5
E844653		2080.0	6.25	11.50	0.11	0.6	0.068	0.55	24.4	8.7	0.46	1990	1.04	2.33	3.5	12.9
E844654		470.0	7.40	14.90	0.09	0.7	0.048	0.55	3.2	17.7	0.81	1525	1.79	3.43	4.3	19.0
E844655		1030.0	8.38	12.55	0.14	0.9	0.042	0.39	18.9	12.8	0.66	1790	15.20	2.69	5.0	13.1
E844656		2930.0	6.53	14.35	0.12	0.7	0.061	0.25	22.3	13.1	0.96	1875	1.28	3.35	3.3	15.2
E844657		1810.0	6.40	15.70	0.15	1.5	0.052	0.36	35.4	12.9	0.74	1905	13.40	3.76	4.1	17.0
E844658		460.0	4.98	20.10	0.16	1.0	0.036	0.45	55.2	20.6	1.31	1800	1.17	4.01	3.4	33.5
E844659		745.0	4.98	20.20	0.11	1.2	0.025	0.23	14.0	8.7	0.44	767	0.19	6.37	3.7	8.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844620		940	2.3	3.8	0.011	0.36	1.63	41.5	3	2.0	150.0	0.75	0.08	3.8	1.155	0.03
E844621		880	2.2	2.8	0.004	0.15	1.28	32.7	2	2.2	73.5	0.61	0.12	4.9	0.761	0.02
E844622		1020	2.5	29.5	0.002	0.38	1.48	18.4	2	2.5	46.3	0.61	0.09	11.6	0.410	0.09
E844623		680	2.1	10.3	0.003	0.53	0.76	14.9	2	1.3	55.7	0.32	0.08	5.1	0.305	0.03
E844624		630	2.5	11.2	0.002	0.71	0.47	11.7	2	0.8	58.0	0.28	0.13	7.6	0.144	0.04
E844625		540	1.8	18.7	<0.002	0.10	0.61	11.8	1	1.7	44.0	0.49	0.05	11.0	0.190	0.04
E844626		460	1.9	14.7	<0.002	0.18	0.51	11.4	1	1.2	66.5	0.26	0.05	11.0	0.115	0.05
E844627		420	3.3	10.9	<0.002	0.09	1.00	8.0	1	0.9	52.7	0.23	<0.05	13.8	0.085	0.04
E844628		490	3.5	18.8	<0.002	0.15	0.63	7.8	1	1.2	59.5	0.24	0.05	11.7	0.108	0.05
E844629		480	1.6	21.4	<0.002	0.24	0.43	11.1	1	1.2	62.6	0.22	0.05	8.7	0.110	0.05
E844630		500	1.9	23.1	0.003	0.10	0.66	10.4	1	1.4	61.7	0.27	<0.05	10.6	0.149	0.06
E844631		570	1.7	13.2	<0.002	0.11	0.49	6.8	1	1.2	66.7	0.26	<0.05	11.1	0.150	0.03
E844632		480	1.7	21.0	<0.002	0.23	0.43	8.0	2	1.1	52.8	0.27	0.05	10.2	0.116	0.06
E844633		20	1.0	0.5	<0.002	0.01	<0.05	0.3	1	<0.2	2.2	<0.05	<0.05	0.4	0.006	<0.02
E844634		590	1.7	21.8	0.003	0.16	0.46	8.3	1	1.3	50.6	0.31	0.05	10.5	0.148	0.05
E844635		800	3.4	9.6	<0.002	0.03	0.81	1.7	1	1.5	24.5	0.57	0.05	17.5	0.151	0.03
E844636		980	2.8	44.9	0.006	0.37	0.62	7.7	1	1.1	40.2	0.28	0.57	13.6	0.102	0.53
E844637		670	4.2	13.5	0.007	1.30	0.40	14.6	2	0.7	62.4	0.14	1.84	10.9	0.059	0.47
E844638		690	5.1	13.3	0.009	1.66	0.39	14.7	3	0.7	65.4	0.13	2.42	10.7	0.056	0.57
E844639		470	1.7	21.2	<0.002	0.28	0.40	22.6	2	1.4	67.0	0.32	0.10	7.5	0.129	0.06
E844640		550	2.0	27.9	0.002	0.37	0.46	20.2	3	2.0	63.2	0.36	0.11	9.8	0.146	0.08
E844641		580	2.0	29.3	0.002	0.39	0.51	8.7	2	1.4	53.7	0.34	0.10	9.4	0.151	0.08
E844642		650	535.0	21.5	0.062	0.19	0.21	15.5	4	5.1	200.0	1.01	0.13	12.9	0.359	0.14
E844643		570	2.1	59.1	0.002	0.21	0.51	12.2	1	2.1	44.6	0.41	0.08	9.8	0.153	0.15
E844644		540	1.7	31.5	<0.002	0.17	0.46	9.3	1	1.6	40.7	0.32	0.05	9.8	0.141	0.07
E844645		540	2.5	26.1	<0.002	0.25	0.70	8.3	1	1.6	37.4	0.40	<0.05	10.7	0.171	0.08
E844646		590	1.9	46.5	<0.002	0.15	0.48	12.7	1	1.1	56.2	0.21	<0.05	10.7	0.126	0.12
E844647		570	2.5	38.1	<0.002	0.14	0.53	11.2	2	1.3	57.6	0.28	<0.05	10.9	0.122	0.14
E844648		700	2.9	51.3	0.011	0.10	0.69	11.1	2	1.9	51.3	0.30	0.06	11.8	0.133	0.14
E844649		610	2.4	29.3	<0.002	0.08	0.64	17.3	2	1.6	48.6	0.37	0.06	9.9	0.141	0.07
E844650		410	2.1	28.8	<0.002	0.07	0.47	29.8	2	1.2	66.1	0.27	<0.05	7.5	0.100	0.08
E844651		630	1.0	40.3	0.004	2.34	0.69	7.9	2	1.9	139.5	0.32	0.09	8.9	0.178	0.12
E844652		540	2.2	31.7	0.003	3.16	0.50	14.7	3	1.5	185.0	0.32	0.08	8.6	0.130	0.09
E844653		490	1.7	38.4	<0.002	3.38	0.56	8.4	3	1.5	181.0	0.35	0.09	9.0	0.118	0.10
E844654		620	2.5	38.3	0.002	1.53	0.78	5.6	2	1.2	105.5	0.43	0.06	11.8	0.134	0.11
E844655		630	2.4	27.5	0.010	3.77	0.63	7.9	4	1.8	213.0	0.45	0.12	10.1	0.167	0.09
E844656		540	4.2	17.4	<0.002	3.48	0.64	8.3	3	1.4	191.5	0.36	0.12	10.3	0.119	0.06
E844657		770	5.3	27.9	0.017	0.65	0.99	12.9	4	1.9	65.5	0.32	0.57	7.6	0.344	0.09
E844658		780	9.6	33.8	<0.002	0.46	0.92	18.1	2	2.1	71.4	0.31	0.16	13.2	0.251	0.09
E844659		980	2.3	13.3	<0.002	0.64	0.56	5.5	2	1.5	62.0	0.36	<0.05	17.1	0.151	0.05

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E844620		2.7	437	1.9	34.6	62	59.3	
E844621		2.2	292	2.4	27.2	38	52.4	
E844622		4.0	181	7.4	28.8	19	58.0	
E844623		1.9	110	2.8	29.3	9	44.4	
E844624		4.4	63	1.7	16.1	10	37.3	
E844625		3.0	95	1.5	18.3	5	26.8	
E844626		2.7	48	1.2	27.8	8	31.8	
E844627		7.6	19	1.0	11.9	8	43.6	
E844628		9.4	38	1.3	10.9	10	29.4	
E844629		2.3	62	1.5	16.6	9	19.4	
E844630		2.4	65	1.1	10.3	7	26.2	
E844631		3.2	64	1.2	10.3	5	18.4	
E844632		4.8	53	1.5	24.1	4	23.1	
E844633		0.3	<1	<0.1	2.0	5	31.5	
E844634		3.0	75	1.7	11.9	4	29.0	
E844635		7.6	10	2.9	10.2	3	41.1	
E844636		2.6	13	1.7	6.2	6	34.2	
E844637		11.3	24	1.1	20.4	5	23.5	
E844638		13.0	22	1.1	22.4	5	27.6	
E844639		2.0	75	1.9	56.9	7	25.2	
E844640		2.3	108	2.7	46.7	5	28.6	
E844641		2.5	80	1.9	23.1	8	28.4	
E844642		1700.0	705	3.5	19.0	89	191.0	0.17
E844643		2.9	98	1.7	19.5	12	21.0	
E844644		1.8	89	1.5	8.7	12	20.5	
E844645		2.3	86	1.2	6.9	13	34.2	
E844646		1.7	69	0.9	14.7	8	21.0	
E844647		2.5	74	1.2	17.7	8	18.4	
E844648		12.0	82	3.5	17.9	13	41.4	
E844649		2.1	84	2.4	26.3	12	22.1	
E844650		1.0	63	1.7	49.9	18	19.4	
E844651		4.0	79	3.0	10.3	8	29.0	
E844652		4.7	68	2.0	15.0	9	28.6	
E844653		2.8	62	1.9	19.5	8	21.3	
E844654		2.9	76	1.7	4.8	19	19.4	
E844655		5.0	87	2.5	16.3	13	30.4	
E844656		10.8	66	1.5	6.0	17	23.9	
E844657		30.6	177	5.5	12.6	17	46.5	
E844658		60.4	137	6.1	14.8	19	28.4	
E844659		3.6	75	1.3	4.9	9	39.2	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844660		6.48	<0.005		0.06	7.42	1.8	180	1.10	0.06	3.53	<0.02	27.10	13.9	45	1.45
E844661		3.82	<0.005		0.07	6.80	1.8	80	1.76	0.08	7.61	<0.02	23.00	10.6	36	0.63
E844662		3.83	<0.005		0.09	6.67	1.4	80	0.86	0.08	8.89	<0.02	20.10	11.2	36	0.61
E844663		6.96	0.009		0.04	2.08	<5	30	0.90	0.04	29.10	0.02	69.70	4.6	8	0.36
E844664		5.49	0.005		0.06	3.65	5	50	2.57	0.16	12.05	<0.02	54.70	46.2	22	0.37
E844665		7.52	0.014		0.16	5.30	2.6	70	1.12	0.24	7.64	<0.02	21.50	34.7	30	0.53
E844666		8.49	<0.005		0.07	6.03	1.5	70	0.50	0.13	4.51	0.04	23.00	40.1	27	0.42
E844667		7.82	<0.005		0.05	5.40	2.0	50	0.88	0.07	4.81	<0.02	16.45	33.5	28	0.33
E844668		7.35	0.005		0.07	4.69	2.5	50	2.00	0.18	8.64	0.02	25.60	46.6	31	0.41
E844669		8.11	0.005		0.05	4.49	8	30	2.81	0.11	13.75	<0.02	42.50	23.7	18	0.22
E844670		6.03	<0.005		0.07	6.59	4.3	50	1.24	0.08	9.69	<0.02	133.50	10.8	30	0.54
E844671		6.65	<0.005		0.06	6.24	4.0	60	0.94	0.06	9.98	<0.02	232.00	15.0	17	0.49
E844672		4.00	<0.005		0.12	6.94	6.6	60	1.18	0.12	8.57	<0.02	113.50	21.7	8	0.55
E844673		10.03	<0.005		0.07	5.16	9	50	1.49	0.08	11.35	<0.02	57.30	18.0	25	0.48
E844674		7.52	<0.005		0.06	5.85	<5	50	1.80	0.11	10.50	<0.02	35.40	20.3	27	0.37
E844675		0.05	<0.005		0.02	0.04	0.3	10	<0.05	<0.01	0.01	<0.02	2.82	0.1	1	<0.05
E844676		7.65	<0.005		0.05	6.35	3.0	20	0.59	0.08	9.78	0.02	83.90	34.8	43	0.17
E844677		7.61	<0.005		0.06	6.83	4.2	30	0.73	0.14	7.29	<0.02	95.50	127.5	30	0.26
E844678		7.32	<0.005		0.05	6.00	2.6	70	1.50	0.11	7.59	<0.02	27.00	38.8	32	0.49
E844679		7.23	<0.005		0.06	4.54	3.6	50	2.29	0.11	9.71	<0.02	43.30	60.9	26	0.38
E844680		7.28	<0.005		0.04	4.45	<5	90	1.92	0.11	11.50	<0.02	50.10	92.0	23	0.51
E844681		3.25	<0.005		0.05	3.37	11	70	0.41	0.17	10.90	<0.02	42.40	53.8	26	0.46
E844682		0.07	0.842		35.30	4.28	1100.0	490	0.58	29.50	6.52	<0.02	24.60	40.0	261	1.18
E844683		4.15	0.005		0.07	4.80	8	70	0.59	0.12	10.30	0.02	139.00	44.3	26	0.43
E844684		7.57	0.005		0.08	5.42	3.9	50	0.94	0.16	6.24	0.02	285.00	77.1	59	0.46
E844685		7.89	<0.005		0.04	5.52	9	190	1.30	0.24	10.05	<0.02	155.50	88.5	27	1.28
E844686		7.25	0.005		0.05	4.96	5	150	3.22	0.42	11.10	0.02	29.80	143.5	26	1.05
E844687		6.98	<0.005		0.06	5.50	<5	110	1.19	0.07	12.80	0.02	64.50	18.7	22	0.78
E844688		7.04	<0.005		0.06	6.69	1.4	270	2.27	0.06	4.34	0.02	99.00	13.0	39	2.00
E844689		4.58	<0.005		0.06	6.63	1.0	200	1.93	0.06	4.58	<0.02	36.20	11.5	38	1.49
E844690		4.20	<0.005		0.10	6.66	0.9	240	2.06	0.06	4.52	<0.02	32.00	13.0	41	1.80
E844691		6.01	<0.005		0.04	5.35	9	50	0.82	0.04	13.25	<0.02	48.50	11.5	23	0.28
E844692		4.98	<0.005		0.04	5.90	<5	60	0.78	0.04	11.85	<0.02	41.20	7.0	25	0.33
E844693		6.14	<0.005		0.06	0.57	<5	30	1.43	0.03	33.70	0.02	59.80	2.8	2	0.34
E844694		3.22	<0.005		0.06	5.41	<5	320	1.56	0.04	14.70	<0.02	78.40	2.8	18	2.29
E844695		7.03	0.005		0.07	5.98	8	140	0.83	0.09	17.15	<0.02	123.00	4.7	16	1.10
E844696		7.47	<0.005		0.05	6.65	<5	50	1.67	0.13	10.95	<0.02	27.00	27.2	22	0.41
E844697		0.04	<0.005		0.01	0.04	<0.2	10	<0.05	0.01	0.01	0.02	2.94	0.1	1	<0.05
E844698		7.06	0.005		0.07	6.14	<5	60	1.63	0.11	11.70	<0.02	34.70	34.1	21	0.43
E844699		7.62	<0.005		0.06	6.31	<5	80	1.64	0.08	12.30	<0.02	55.50	12.4	25	0.68

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844660		659.0	5.34	20.70	0.11	1.1	0.071	1.36	12.7	16.1	0.79	1130	0.27	3.77	3.3	10.8
E844661		724.0	6.18	17.25	0.11	0.9	0.043	0.51	10.9	7.3	0.41	1115	0.13	4.48	4.0	8.6
E844662		762.0	6.38	16.15	0.09	0.9	0.043	0.52	9.5	6.7	0.39	1200	0.09	4.29	3.9	8.1
E844663		682.0	1.59	5.10	0.13	0.4	0.059	0.13	30.5	2.6	0.30	2510	0.09	1.35	1.5	4.0
E844664		943.0	6.28	9.37	0.12	0.7	0.034	0.35	27.8	5.5	0.36	1260	0.73	2.12	2.9	14.1
E844665		5240.0	8.03	12.90	0.08	0.7	0.092	0.50	10.2	11.5	0.69	1235	0.97	2.89	3.9	12.0
E844666		1010.0	3.83	15.30	0.06	0.7	0.052	0.36	10.7	8.2	0.48	1020	0.26	3.79	2.7	10.9
E844667		277.0	5.05	13.40	0.06	0.7	0.029	0.25	8.0	9.4	0.56	960	1.24	3.38	2.1	8.9
E844668		1720.0	7.14	11.95	0.08	0.7	0.047	0.32	12.6	8.8	0.66	1335	0.43	2.78	2.9	13.4
E844669		942.0	5.73	11.10	0.10	0.7	0.033	0.17	21.2	3.2	0.28	1345	1.74	3.09	2.7	7.7
E844670		78.7	6.27	18.20	0.18	2.0	0.043	0.26	61.7	15.3	1.25	1550	2.86	3.86	9.1	36.3
E844671		50.5	1.96	16.60	0.20	1.6	0.030	0.36	121.5	3.8	0.23	1395	14.15	4.19	11.4	8.8
E844672		37.5	5.00	22.10	0.14	3.0	0.038	0.38	57.7	6.4	0.39	1640	7.21	4.69	21.0	16.3
E844673		546.0	6.12	10.80	0.21	1.0	0.046	0.39	31.8	2.8	0.21	1790	2.08	3.31	5.6	6.7
E844674		1020.0	6.57	12.60	0.09	0.9	0.040	0.35	18.2	2.4	0.15	1385	0.80	3.91	4.6	5.9
E844675		1.7	0.02	0.13	<0.05	0.9	<0.005	<0.01	1.6	2.2	<0.01	<5	<0.05	<0.01	0.1	0.7
E844676		490.0	7.61	13.10	0.11	1.1	0.025	0.11	43.5	1.1	0.08	1315	1.34	4.63	5.5	10.4
E844677		72.9	4.84	16.35	0.13	1.3	0.020	0.19	50.5	1.0	0.06	1255	1.26	5.16	5.3	21.1
E844678		594.0	7.56	14.55	0.09	1.0	0.040	0.46	14.2	6.6	0.34	1380	0.96	3.72	4.3	11.1
E844679		778.0	6.80	10.55	0.09	0.9	0.038	0.34	23.0	9.3	0.48	1570	1.44	2.71	4.4	14.4
E844680		101.5	5.85	10.65	0.09	0.9	0.041	0.57	26.8	5.9	0.31	1965	0.89	2.47	4.0	23.0
E844681		741.0	7.87	8.23	0.09	1.2	0.047	0.45	21.7	5.9	0.28	1405	0.42	1.83	3.4	14.2
E844682		4340.0	4.08	13.70	0.07	0.7	0.217	1.39	17.4	14.6	0.82	1720	714.00	0.65	1.7	20.3
E844683		669.0	7.70	10.65	0.17	1.1	0.037	0.43	70.8	5.5	0.29	1345	0.62	2.93	5.0	11.4
E844684		61.2	9.54	15.95	0.30	0.9	0.030	0.33	148.5	23.0	1.47	1410	2.31	2.57	5.3	47.2
E844685		72.6	9.17	14.25	0.22	1.1	0.071	1.32	80.9	7.4	0.39	1710	6.69	2.25	4.7	17.1
E844686		75.4	8.23	12.55	0.11	1.1	0.058	1.02	14.8	7.8	0.51	1780	1.65	2.14	4.3	30.5
E844687		756.0	3.54	13.60	0.10	0.8	0.072	0.82	32.7	15.9	1.12	2710	0.56	2.40	4.1	22.3
E844688		338.0	4.72	20.10	0.14	1.2	0.110	2.16	47.1	35.2	2.18	1085	0.50	1.13	5.3	56.4
E844689		392.0	4.20	18.70	0.09	0.9	0.080	1.49	17.7	26.2	1.58	867	0.22	2.26	5.2	47.7
E844690		448.0	4.11	18.75	0.09	1.0	0.090	1.73	15.6	27.2	1.59	815	0.21	1.96	5.8	50.0
E844691		154.0	2.98	13.10	0.06	0.9	0.029	0.26	24.5	2.7	0.37	2280	0.59	3.67	3.4	5.4
E844692		317.0	3.15	14.40	0.08	0.8	0.037	0.31	20.0	2.8	0.24	1780	0.33	3.98	3.3	2.6
E844693		5.5	0.72	1.79	0.13	0.2	0.054	0.17	24.8	1.1	0.18	1790	0.13	0.23	0.4	1.8
E844694		39.6	1.95	11.95	0.12	1.3	0.145	2.59	39.1	11.2	0.47	2300	0.18	0.71	5.0	5.7
E844695		178.0	2.00	13.35	0.16	1.8	0.106	1.13	59.5	7.0	0.40	2320	0.20	2.92	6.2	10.0
E844696		141.5	4.70	15.65	0.09	1.3	0.043	0.38	13.4	5.5	0.33	2040	0.93	4.58	4.7	11.2
E844697		1.0	0.02	0.12	<0.05	1.0	<0.005	<0.01	1.6	2.0	<0.01	<5	0.06	<0.01	0.2	0.5
E844698		1430.0	5.03	13.75	0.09	1.1	0.069	0.42	17.6	2.5	0.15	1525	9.39	4.15	4.5	7.7
E844699		140.0	5.80	14.55	0.10	1.3	0.055	0.70	28.3	3.1	0.17	1750	2.51	3.93	5.6	5.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844660		820	2.3	103.0	<0.002	0.64	0.80	8.5	2	2.0	61.1	0.38	<0.05	18.0	0.145	0.27
E844661		590	2.3	38.6	<0.002	0.50	0.59	16.7	2	1.7	70.4	0.51	<0.05	15.7	0.164	0.11
E844662		570	2.3	39.7	<0.002	0.49	0.56	16.8	2	1.7	71.9	0.52	<0.05	14.6	0.167	0.11
E844663		140	2.1	10.0	0.002	0.64	0.27	43.6	5	0.5	155.0	0.16	0.08	3.2	0.044	0.03
E844664		470	1.7	24.7	<0.002	5.80	0.37	5.8	3	1.5	289.0	0.33	0.09	8.5	0.127	0.07
E844665		590	2.4	38.2	<0.002	2.50	0.55	10.0	3	1.9	126.0	0.37	0.06	11.2	0.157	0.09
E844666		490	3.7	28.7	<0.002	0.35	0.76	5.5	2	0.9	45.6	0.28	<0.05	11.5	0.114	0.08
E844667		500	3.1	19.6	0.002	1.16	0.50	4.8	2	0.9	82.7	0.25	<0.05	10.1	0.107	0.06
E844668		560	2.0	24.6	<0.002	3.14	0.53	5.9	3	1.6	195.5	0.37	0.07	10.1	0.140	0.06
E844669		440	1.5	12.5	0.002	5.01	0.34	4.9	3	1.4	374.0	0.31	0.07	8.2	0.110	0.04
E844670		800	2.5	19.3	0.002	0.19	1.72	27.4	3	6.0	72.6	0.65	0.08	5.8	0.745	0.06
E844671		1700	2.4	25.1	0.013	1.72	0.87	10.0	3	4.4	132.5	0.85	0.07	14.9	0.323	0.07
E844672		1720	2.8	27.7	0.008	0.21	1.97	18.1	3	4.1	73.7	1.66	0.07	20.9	0.703	0.07
E844673		610	0.9	28.9	0.003	1.22	0.51	8.2	3	2.3	99.6	0.37	0.08	9.3	0.186	0.08
E844674		690	2.5	25.0	<0.002	2.02	0.58	5.9	2	1.9	130.0	0.49	0.05	11.2	0.180	0.06
E844675		20	1.2	0.2	<0.002	0.01	0.05	0.2	1	<0.2	2.2	<0.05	<0.05	0.4	0.005	<0.02
E844676		810	2.5	7.0	0.002	1.19	0.51	6.3	2	1.9	85.8	0.53	0.09	12.6	0.201	0.02
E844677		520	3.2	13.8	0.002	0.84	0.53	4.5	2	1.9	53.2	0.43	0.11	12.8	0.166	0.04
E844678		590	2.9	35.7	<0.002	1.80	0.54	5.5	2	1.7	107.0	0.41	0.06	11.4	0.185	0.09
E844679		660	2.2	24.2	0.002	4.14	0.42	5.6	2	1.9	215.0	0.37	0.07	10.1	0.145	0.06
E844680		610	1.9	39.7	<0.002	2.13	0.48	4.9	2	1.5	139.5	0.36	0.08	10.6	0.133	0.10
E844681		600	2.0	33.3	0.004	3.24	0.47	7.3	2	1.7	184.5	0.43	0.09	10.2	0.144	0.10
E844682		570	66.9	33.9	0.085	0.74	91.70	5.6	5	3.1	289.0	0.12	3.39	1.4	0.114	0.24
E844683		650	3.0	30.1	0.002	4.16	0.63	5.6	2	2.0	202.0	0.42	0.10	10.8	0.158	0.05
E844684		610	2.6	24.3	0.012	1.27	0.68	8.2	2	2.0	69.9	0.33	0.11	8.9	0.175	0.04
E844685		640	2.6	90.5	0.006	3.44	0.99	9.6	2	3.2	180.5	0.41	0.15	9.3	0.224	0.20
E844686		610	3.5	68.5	0.002	4.83	0.91	8.4	3	2.3	261.0	0.37	0.25	9.7	0.189	0.15
E844687		620	2.0	58.1	0.002	2.23	0.68	11.4	2	1.4	179.0	0.37	0.07	13.7	0.127	0.10
E844688		660	2.8	151.0	<0.002	0.20	1.38	9.0	2	1.7	41.0	0.42	<0.05	19.5	0.166	0.28
E844689		680	1.8	107.0	<0.002	1.69	1.04	8.1	2	1.8	107.5	0.36	<0.05	13.3	0.162	0.21
E844690		570	1.8	129.0	<0.002	1.65	1.11	8.5	2	1.9	106.0	0.42	<0.05	13.3	0.170	0.27
E844691		740	2.3	19.3	<0.002	0.56	0.62	8.2	2	1.6	158.5	0.32	0.05	12.8	0.154	0.03
E844692		720	2.5	22.8	<0.002	1.24	0.69	6.6	2	1.6	191.5	0.29	0.05	13.2	0.163	0.03
E844693		50	1.5	14.6	0.002	9.57	0.09	26.0	3	0.2	455.0	0.05	0.14	0.6	0.014	0.02
E844694		720	3.4	198.0	<0.002	0.43	1.15	13.5	2	2.3	87.6	0.41	<0.05	11.9	0.142	0.39
E844695		650	3.4	84.9	0.002	0.37	1.05	12.7	3	3.6	112.5	0.44	0.09	11.3	0.250	0.16
E844696		630	2.7	27.1	0.002	0.74	0.56	9.9	2	1.9	87.6	0.38	0.12	9.7	0.186	0.04
E844697		20	1.1	0.3	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.5	0.005	<0.02
E844698		690	2.4	30.4	0.006	1.71	0.42	9.5	3	1.7	121.0	0.39	0.11	10.9	0.139	0.05
E844699		760	3.7	50.9	0.004	0.20	0.67	14.8	2	2.1	67.2	0.44	0.11	11.1	0.225	0.09

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E844660		3.3	69	0.9	4.8	13	35.9	
E844661		3.7	77	1.1	33.2	9	27.3	
E844662		2.7	79	1.0	31.9	9	24.8	
E844663		1.1	16	0.9	132.5	10	10.9	
E844664		4.4	61	1.6	23.0	6	20.9	
E844665		2.8	78	2.1	15.3	9	19.2	
E844666		2.1	40	0.9	9.2	22	21.2	
E844667		2.4	54	1.0	9.3	15	21.7	
E844668		3.7	70	1.4	18.6	10	19.3	
E844669		3.2	61	1.5	26.5	4	21.6	
E844670		8.8	241	10.4	41.0	17	65.8	
E844671		7.4	42	8.1	20.8	6	60.1	
E844672		6.6	187	5.7	25.0	9	119.0	
E844673		4.8	77	3.8	20.9	4	27.4	
E844674		2.7	82	2.2	20.2	4	26.9	
E844675		0.3	<1	<0.1	2.0	3	30.3	
E844676		4.2	112	2.8	15.2	9	36.7	
E844677		17.0	69	3.9	13.8	6	43.1	
E844678		4.4	96	2.7	15.6	8	32.5	
E844679		5.1	70	3.2	24.3	11	30.9	
E844680		5.6	58	1.8	21.4	7	29.5	
E844681		3.0	82	1.6	16.2	7	38.2	
E844682		2.6	57	16.6	10.2	108	23.0	
E844683		9.1	82	2.7	9.8	7	33.8	
E844684		4.1	101	3.1	12.6	24	25.5	
E844685		3.6	103	3.8	13.7	10	31.0	
E844686		11.5	93	2.8	26.3	13	32.7	
E844687		4.0	48	1.9	20.6	16	22.7	
E844688		3.0	79	1.6	18.8	32	38.0	
E844689		3.3	75	1.4	12.7	24	29.3	
E844690		2.8	72	1.7	13.8	24	32.5	
E844691		6.8	42	0.9	11.0	5	24.8	
E844692		6.6	46	0.8	13.8	6	21.6	
E844693		0.2	9	0.2	100.5	7	2.2	
E844694		15.4	29	1.8	30.6	10	38.5	
E844695		7.8	36	7.2	47.7	10	61.0	
E844696		6.6	82	3.8	20.9	8	44.9	
E844697		0.3	<1	<0.1	2.2	4	25.9	
E844698		5.2	88	3.0	22.5	5	35.3	
E844699		14.9	128	3.6	24.8	5	42.9	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844700		7.89	<0.005		0.06	6.72	1.9	60	1.15	0.05	9.94	<0.02	23.30	22.6	40	0.67
E839732		6.01	0.092		0.80	5.59	32.3	1470	2.13	1.03	1.08	<0.02	203.00	71.8	42	2.26
E839733		5.99	0.147		1.02	4.27	24.9	2950	0.84	3.14	1.44	<0.02	>500	88.6	33	1.21
E839734		5.97	0.093		0.43	3.83	24.3	790	0.99	2.29	3.89	<0.02	426.00	99.0	23	1.23
E839735		7.16	0.104		0.23	7.27	24.9	1830	1.26	0.45	0.53	<0.02	318.00	82.2	54	1.86
E839736		6.18	0.093		0.30	6.45	66.0	850	1.67	1.03	0.16	<0.02	190.00	221.0	51	2.01
E839737		3.66	0.032		0.19	7.54	14.9	8020	1.33	0.22	2.33	<0.02	39.90	48.7	53	0.82
E839738		4.36	1.755	1.89	6.83	6.58	18.7	1730	2.32	0.72	2.10	<0.02	450.00	35.7	47	2.02
E839739		1.20	0.007		0.52	8.09	46.7	150	2.61	1.31	0.25	0.02	279.00	6.9	13	0.13
E839657		0.27	<0.005		0.52	8.50	4.7	100	1.12	0.08	0.77	0.02	355.00	4.5	88	0.14
E839658		1.22	0.025		0.39	4.91	2.5	210	0.34	0.27	2.06	<0.02	130.00	40.0	26	0.22
E839659		1.71	0.121		2.99	1.24	71.9	80	0.30	2.08	0.41	0.02	22.50	332.0	9	0.73
E846082		0.22	<0.005		0.03	1.54	0.6	40	0.18	0.16	0.92	0.04	1.77	4.3	15	0.91
E846083		0.45	<0.005		0.14	3.58	63	140	1.23	0.46	12.95	<0.02	71.50	25.0	20	0.77
E846084		0.98	0.056		0.24	4.91	128.5	110	0.89	15.30	0.18	<0.02	62.70	51.8	41	0.99

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E844700		122.0	4.63	20.40	0.07	1.2	0.042	0.48	11.8	19.3	1.73	1605	2.07	3.58	4.8	66.8
E839732		4160.0	15.70	22.00	0.33	1.9	0.104	3.99	144.5	57.0	0.79	1020	41.60	0.09	7.4	44.3
E839733		2230.0	20.80	14.75	0.48	1.7	0.070	1.96	490.0	48.9	1.26	1375	56.60	0.10	6.3	53.0
E839734		1650.0	20.50	14.05	0.42	1.2	0.100	1.66	312.0	46.9	1.94	3290	28.80	0.05	6.2	47.8
E839735		50.9	17.85	26.00	0.36	2.3	0.061	3.31	237.0	47.9	0.72	198	17.05	1.87	6.0	30.8
E839736		62.2	19.45	23.20	0.27	2.1	0.066	4.12	135.5	44.9	0.70	138	34.70	0.42	7.2	49.6
E839737		187.0	6.77	12.50	0.13	2.0	0.046	7.05	25.7	12.8	1.73	2090	13.55	0.39	4.3	43.2
E839738		4740.0	7.17	22.10	0.34	2.1	0.172	4.03	328.0	42.3	1.39	1730	374.00	0.09	7.5	41.2
E839739		107.0	0.31	24.00	0.40	4.1	0.031	0.10	111.5	3.3	0.11	133	9.79	7.69	7.8	3.0
E839657		879.0	0.75	23.90	0.32	2.2	0.025	0.11	187.0	3.9	0.40	567	5.07	7.50	8.9	5.5
E839658		5600.0	12.95	10.25	0.22	1.2	0.046	0.12	84.6	9.0	1.94	848	8.53	2.92	7.1	25.3
E839659		9470.0	21.00	5.35	0.22	0.4	2.950	0.65	15.1	3.9	1.47	27200	8.84	0.06	0.9	64.1
E846082		24.5	3.64	4.50	<0.05	0.3	0.026	0.04	0.9	15.1	1.13	907	0.43	0.09	0.6	12.8
E846083		456.0	7.85	11.70	0.12	1.2	0.235	1.35	49.7	16.5	5.33	10350	4.67	0.21	2.0	45.5
E846084		58.1	5.88	12.90	0.09	1.6	0.049	1.48	36.8	23.6	1.70	178	24.60	0.04	7.0	23.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844700		540	1.9	34.9	0.003	1.11	0.81	15.5	2	3.8	93.7	0.33	0.11	6.3	0.307	0.06
E839732		830	2.9	166.0	0.003	0.24	1.49	11.2	6	12.5	299.0	0.29	0.54	12.9	0.089	1.48
E839733		1580	8.0	90.0	0.013	0.26	2.14	6.8	6	42.6	56.9	0.14	2.06	10.7	0.067	0.59
E839734		1590	4.2	91.4	0.004	0.23	1.26	6.8	5	24.0	190.5	0.15	1.16	8.2	0.063	0.56
E839735		2290	6.4	130.5	0.048	0.18	2.20	9.7	3	27.2	35.4	0.26	0.53	17.2	0.080	1.73
E839736		960	5.1	176.5	0.040	1.09	2.11	11.4	7	41.8	15.0	0.35	1.11	14.8	0.098	1.67
E839737		690	12.8	137.5	0.003	0.22	1.59	8.1	2	4.1	151.0	0.41	0.12	23.8	0.088	1.14
E839738		1010	26.3	200.0	0.223	0.47	2.45	12.5	11	46.3	28.5	0.44	4.74	15.6	0.154	1.30
E839739		220	107.0	4.7	0.002	0.02	28.80	10.2	8	0.7	39.7	0.65	0.12	388.0	0.339	0.03
E839657		1530	2.8	5.8	0.002	0.10	2.54	4.4	2	1.7	35.9	0.52	0.06	31.0	0.169	<0.02
E839658		1060	2.0	6.1	<0.002	0.32	0.90	9.8	2	3.3	19.0	0.44	0.47	10.3	0.120	<0.02
E839659		310	7.1	36.4	0.003	3.11	1.08	4.3	3	2.6	7.2	<0.05	0.27	2.3	0.016	0.06
E846082		80	6.9	3.1	<0.002	0.03	0.55	1.7	1	0.2	14.9	<0.05	<0.05	1.5	0.012	0.03
E846083		790	3.2	70.6	<0.002	0.99	0.87	18.2	2	2.1	38.7	0.11	0.09	8.9	0.048	0.12
E846084		970	7.2	81.8	0.004	2.12	4.65	7.1	2	2.9	3.1	0.53	0.51	10.3	0.151	10.45

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E844700		3.1	102	5.7	17.7	25	40.0	
E839732		12.7	65	23.4	16.3	13	50.1	
E839733		54.4	63	16.5	26.2	50	52.8	
E839734		22.4	56	13.9	26.3	33	38.3	
E839735		129.5	137	25.3	15.9	18	73.9	
E839736		35.3	74	34.0	11.8	10	66.1	
E839737		128.0	33	14.5	19.1	13	64.1	
E839738		274.0	63	64.3	26.2	4	68.6	
E839739		4280.0	34	9.8	187.0	7	135.5	0.44
E839657		15.9	58	8.9	10.6	18	71.3	
E839658		7.1	131	6.6	7.6	5	37.2	
E839659		14.3	13	2.2	6.3	10	12.0	
E846082		0.6	11	0.3	2.7	21	10.1	
E846083		2.4	54	2.3	18.0	8	40.3	
E846084		7.9	54	5.2	4.7	7	53.9	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

CERTIFICATE TR07086401

Project: Werneckes

P.O. No.: FRG07-01

This report is for 121 Drill Core samples submitted to our lab in Terrace, BC, Canada on 7-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846170		2.88	0.265		0.45	5.68	26.5	620	1.85	1.32	3.54	<0.02	460.00	90.7	33	2.08
E846171		4.68	0.080		0.20	7.07	29.3	830	2.39	0.60	0.75	<0.02	301.00	122.0	46	2.87
E846172		4.39	0.091		0.22	6.85	47.0	920	2.51	0.46	0.42	<0.02	467.00	193.0	47	2.69
E846173		1.81	0.079		0.22	6.53	34.4	830	2.26	0.33	0.91	<0.02	441.00	126.0	42	2.85
E846174		3.89	<0.005		0.06	7.91	2.5	1160	3.27	0.16	4.07	<0.02	112.00	13.8	50	3.26
E846175		4.65	<0.005		0.07	6.65	2.9	980	2.50	0.14	5.10	<0.02	106.00	13.3	34	2.36
E846176		3.58	<0.005		0.05	7.54	2.1	760	3.13	0.08	4.81	<0.02	88.30	11.8	39	2.82
E846177		3.35	0.035		0.09	7.35	58.9	1920	2.59	0.76	1.30	<0.02	116.50	264.0	44	2.26
E846178		4.73	0.043		0.10	6.92	30.7	2160	2.36	0.53	1.42	<0.02	149.50	144.0	44	2.22
E846179		4.53	0.051		0.13	6.83	40.4	2100	2.84	0.69	1.52	<0.02	352.00	159.5	46	2.51
E846180		5.48	0.071		0.19	5.81	45.5	1650	2.04	1.00	3.69	<0.02	321.00	222.0	33	2.09
E846181		4.87	0.033		0.11	5.16	26.7	1140	1.97	0.71	5.88	<0.02	232.00	112.0	26	1.86
E846182		5.42	0.031		0.14	5.33	39.1	1360	1.72	0.78	3.40	<0.02	294.00	136.0	29	1.89
E847259		2.75	0.033		0.16	6.03	13.5	1660	2.05	1.89	3.28	<0.02	110.50	53.7	33	3.42
E847260		5.57	0.230		0.96	2.52	32.4	310	0.66	4.74	7.79	0.02	407.00	80.1	10	1.29
E847261		5.61	0.050		0.36	5.56	6.1	2200	1.54	1.25	5.43	0.02	159.00	24.0	29	2.02
E847262		4.91	0.008		0.06	6.24	3.0	4330	1.92	0.15	4.98	<0.02	86.00	13.0	31	2.18
E847263		5.01	0.012		0.09	6.34	3.3	6850	1.73	0.23	5.04	<0.02	127.50	14.0	31	2.13
E847264		4.60	0.011		0.06	7.06	2.9	2370	2.93	0.13	4.01	<0.02	103.50	15.4	37	3.52
E847265		5.39	0.006		0.06	6.64	4.3	1650	2.85	0.15	5.44	<0.02	78.50	17.1	32	3.29
E847266		5.36	0.010		0.05	7.07	4.2	1670	2.85	0.14	4.66	<0.02	79.50	19.4	34	3.61
E847267		4.92	0.009		0.06	7.11	3.5	1080	2.75	0.07	3.54	<0.02	90.00	12.4	35	4.15
E847268		4.06	0.008		0.05	6.79	2.3	1310	2.49	0.06	4.36	<0.02	110.50	10.5	32	3.49
E847269		5.30	0.006		0.06	7.04	4.2	1290	2.36	0.14	4.88	<0.02	85.50	11.6	35	3.85
E847270		4.49	0.006		0.05	6.99	3.6	1350	1.82	0.07	5.02	<0.02	71.80	16.4	35	3.82
E847271		4.64	0.006		0.05	7.60	3.5	1800	3.02	0.08	3.93	<0.02	79.10	17.5	41	3.24
E847272		4.68	0.009		0.06	6.85	4.0	990	3.89	0.12	3.46	<0.02	94.10	14.4	34	4.60
E847273		4.84	0.007		0.07	8.16	4.4	1930	3.29	0.09	3.07	0.03	77.10	15.5	50	3.99
E847274		3.71	<0.005		0.07	7.43	2.6	1850	1.85	0.06	3.88	0.04	57.70	11.8	41	2.20
E847275		4.12	0.005		0.08	7.65	3.2	2980	1.97	0.08	3.40	0.02	99.50	14.2	42	0.87
E847276		4.76	0.005		0.05	7.63	3.3	2300	2.19	0.07	5.30	<0.02	130.50	15.5	38	1.39
E847277		1.53	0.005		0.05	7.34	3.2	650	1.77	0.32	5.53	<0.02	47.80	13.4	32	0.78
E844886		5.52	<0.005		0.05	10.85	1.1	1460	3.92	0.06	0.57	0.03	144.00	2.8	61	16.80
E844887		5.42	0.021		0.03	12.30	0.8	1800	4.33	0.03	0.09	<0.02	88.00	2.3	72	19.95
E844888		6.04	0.005		0.04	12.30	0.9	1840	5.18	0.05	0.07	<0.02	103.00	2.6	66	21.30
E844889		2.68	0.005		0.02	12.40	0.9	1940	5.20	0.04	0.05	0.02	83.70	2.9	73	21.40
E844890		5.80	0.007		0.02	10.75	1.0	1670	2.99	0.04	0.19	<0.02	112.50	3.8	69	18.85
E844891		3.80	<0.005		0.01	9.89	1.5	1300	3.09	0.03	0.38	0.02	278.00	3.0	62	18.00
E844892		2.40	0.007		0.01	9.05	1.2	1150	2.40	0.21	0.17	<0.02	89.00	3.2	60	15.25
E844893		1.09	<0.005		0.01	10.55	1.4	1440	2.73	0.04	0.72	<0.02	132.50	2.6	66	19.00

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846170		2640.0	13.30	15.05	0.30	1.7	0.130	2.76	349.0	82.2	2.30	2850	40.70	0.09	8.5	40.6
E846171		465.0	13.35	18.10	0.25	2.2	0.120	3.52	229.0	97.4	1.33	667	37.20	0.07	8.1	34.2
E846172		100.0	14.75	18.80	0.32	2.1	0.118	3.57	361.0	90.4	1.07	342	49.30	0.06	7.5	34.3
E846173		472.0	14.20	17.55	0.32	2.0	0.115	3.42	350.0	84.1	1.29	770	39.00	0.06	7.1	31.1
E846174		10.0	6.18	20.70	0.17	2.0	0.286	4.95	63.7	46.8	2.24	4320	5.13	0.06	8.4	28.6
E846175		71.3	6.94	15.95	0.17	1.9	0.222	4.15	61.2	46.5	2.91	4370	7.27	0.05	7.0	27.4
E846176		35.4	6.39	19.40	0.16	1.9	0.286	4.43	49.6	50.2	2.76	3780	4.84	0.05	9.2	27.2
E846177		1360.0	12.60	20.60	0.17	1.9	0.286	5.20	82.3	88.0	1.16	1680	2.38	0.07	5.4	38.8
E846178		1340.0	12.35	19.30	0.18	1.9	0.285	5.01	109.5	86.8	1.31	1550	9.87	0.07	5.6	38.3
E846179		1320.0	16.45	23.00	0.27	2.0	0.313	3.89	267.0	88.8	1.37	1610	25.20	0.09	8.6	53.6
E846180		2170.0	15.95	17.70	0.28	1.7	0.281	3.90	228.0	86.6	2.01	4260	76.50	0.07	9.0	45.1
E846181		1420.0	15.30	17.70	0.23	1.5	0.301	2.98	178.0	89.7	3.19	4740	46.20	0.06	7.2	41.8
E846182		1040.0	17.15	19.50	0.28	1.4	0.264	2.95	230.0	66.8	1.94	2900	58.80	0.07	7.1	46.1
E847259		1580.0	10.35	16.20	0.18	1.7	0.215	2.58	74.4	119.0	3.01	3320	14.95	0.04	4.7	33.5
E847260		7120.0	18.45	11.95	0.37	0.7	0.291	1.15	277.0	42.9	3.65	6630	229.00	0.03	17.3	44.0
E847261		518.0	8.72	16.10	0.22	1.9	0.196	3.60	103.5	57.8	2.98	4570	99.30	0.05	9.0	25.3
E847262		43.9	6.69	16.25	0.18	2.0	0.168	4.55	48.9	37.8	2.66	3750	8.15	0.06	8.3	20.2
E847263		211.0	6.48	16.75	0.17	2.0	0.166	4.56	79.6	38.7	2.74	3690	9.71	0.06	8.1	21.3
E847264		18.7	6.38	17.95	0.17	2.1	0.182	4.23	57.7	46.1	2.46	3190	8.71	0.05	9.6	27.1
E847265		21.7	6.46	16.40	0.15	1.9	0.166	4.06	45.8	42.8	2.94	4520	11.25	0.05	8.5	26.6
E847266		51.2	5.81	17.80	0.13	2.0	0.168	3.99	51.3	60.1	2.71	4290	13.00	0.05	6.4	27.8
E847267		13.5	6.58	18.15	0.15	2.3	0.152	4.49	51.0	57.8	2.30	2960	6.64	0.05	8.1	24.1
E847268		5.2	7.13	17.25	0.17	2.2	0.146	4.31	62.1	48.2	2.67	3230	3.12	0.05	8.1	23.3
E847269		4.1	6.62	16.90	0.16	2.0	0.132	5.34	47.4	44.4	2.75	3820	8.67	0.06	6.5	22.5
E847270		4.5	7.16	15.85	0.15	1.9	0.072	5.02	39.8	32.9	2.69	4000	3.14	0.93	6.0	23.6
E847271		42.8	6.29	18.85	0.16	2.2	0.122	5.02	43.9	50.6	2.45	3080	7.81	0.74	5.7	28.1
E847272		163.0	4.37	19.45	0.15	2.1	0.171	4.26	51.5	72.3	2.78	2330	14.65	0.14	6.3	24.4
E847273		46.8	5.24	19.70	0.14	2.3	0.106	5.67	42.7	62.3	2.44	2360	9.27	0.64	6.9	31.7
E847274		8.9	6.56	16.60	0.14	2.0	0.035	4.63	34.4	26.0	2.09	3030	1.19	2.04	6.8	26.9
E847275		5.4	6.02	17.95	0.16	2.0	0.031	4.92	60.7	18.2	1.69	2520	0.72	2.24	6.8	25.7
E847276		2.5	6.36	19.00	0.15	2.2	0.042	3.41	80.0	21.3	2.37	4090	1.53	2.96	6.1	26.0
E847277		2.6	4.72	17.55	0.10	2.2	0.023	1.23	29.8	17.5	2.65	4610	1.60	4.42	4.6	21.8
E844886		7.1	4.18	28.50	0.18	3.3	0.066	4.92	72.0	10.0	0.42	360	1.64	0.27	6.2	19.0
E844887		3.7	4.83	34.40	0.16	3.6	0.071	5.64	44.8	12.6	0.35	64	2.91	0.30	6.4	17.9
E844888		6.0	3.87	35.60	0.13	4.2	0.071	5.74	51.3	15.0	0.33	50	2.28	0.31	9.0	13.6
E844889		6.9	4.95	35.60	0.16	3.4	0.068	5.52	41.7	16.7	0.36	49	0.70	0.31	8.5	20.4
E844890		3.9	4.52	27.30	0.17	2.9	0.063	4.67	57.7	12.9	0.33	89	1.09	0.24	4.8	19.5
E844891		10.9	3.17	30.40	0.32	3.2	0.062	4.41	130.0	15.2	0.35	200	1.95	0.23	4.6	16.4
E844892		98.9	3.51	23.70	0.12	2.7	0.051	3.88	45.5	8.6	0.26	87	0.86	0.22	4.3	11.2
E844893		14.7	3.81	30.70	0.18	2.8	0.064	4.70	65.0	12.2	0.51	480	1.20	0.27	4.7	18.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846170		950	12.3	156.0	0.021	0.35	1.55	8.7	3	31.2	22.6	0.34	0.74	9.8	0.100	0.67
E846171		790	3.2	201.0	0.006	0.36	1.46	10.7	1	37.3	12.9	0.45	0.41	13.2	0.124	0.90
E846172		720	3.1	206.0	0.012	0.73	1.45	10.4	1	35.7	11.1	0.44	0.72	14.9	0.125	0.93
E846173		630	2.6	190.0	0.004	0.49	1.36	9.8	1	30.3	12.0	0.41	0.41	14.1	0.117	0.84
E846174		740	1.3	265.0	0.002	0.01	1.21	12.0	<1	4.4	46.0	0.66	0.11	14.9	0.239	1.52
E846175		700	1.5	207.0	0.002	0.02	1.08	9.8	<1	3.7	28.2	0.52	0.08	13.6	0.202	1.25
E846176		740	1.8	254.0	<0.002	0.01	0.98	11.8	<1	4.3	28.6	0.64	0.05	14.2	0.233	1.43
E846177		750	2.1	225.0	0.002	0.78	1.64	12.2	1	10.4	43.5	0.28	0.18	13.8	0.113	0.84
E846178		710	2.2	217.0	0.003	0.36	1.88	11.6	1	11.4	44.2	0.29	0.13	13.7	0.111	0.78
E846179		1090	3.9	221.0	0.008	0.39	1.93	12.6	1	19.1	50.6	0.38	0.25	16.4	0.126	0.67
E846180		1060	2.5	186.0	0.013	0.60	1.72	10.2	1	15.0	192.0	0.28	0.33	10.6	0.092	0.61
E846181		870	1.7	169.5	0.005	0.30	1.11	10.1	1	16.0	400.0	0.25	0.10	8.2	0.092	0.48
E846182		1390	2.4	168.0	0.005	0.32	1.32	9.6	1	19.0	350.0	0.28	0.17	7.7	0.092	0.49
E847259		870	3.1	121.5	0.004	0.26	2.80	8.8	2	9.2	528.0	0.25	0.12	10.0	0.110	1.11
E847260		2070	5.6	71.2	0.072	0.68	1.80	3.8	7	28.4	195.5	0.50	1.68	7.7	0.056	0.48
E847261		860	3.1	174.5	0.019	0.11	1.37	9.6	2	7.3	54.7	0.44	0.38	12.3	0.186	1.26
E847262		670	1.6	212.0	0.003	0.11	1.17	10.0	<1	4.7	71.5	0.60	0.09	13.0	0.229	1.51
E847263		690	1.9	213.0	0.005	0.19	1.28	10.2	<1	6.1	116.5	0.57	0.11	12.7	0.219	1.59
E847264		680	1.8	230.0	0.002	0.06	1.43	11.4	<1	4.4	43.9	0.69	0.07	14.0	0.251	1.47
E847265		640	1.3	211.0	0.002	0.10	1.26	10.8	<1	4.2	43.3	0.62	0.07	13.2	0.233	1.45
E847266		690	1.3	219.0	<0.002	0.06	1.24	11.1	<1	5.3	44.0	0.49	0.05	14.2	0.211	1.46
E847267		670	1.4	225.0	<0.002	0.03	1.21	11.0	<1	5.0	24.8	0.61	<0.05	14.9	0.249	1.56
E847268		670	1.3	215.0	0.002	0.02	0.96	10.2	<1	5.0	23.3	0.60	<0.05	14.2	0.246	1.49
E847269		720	1.4	219.0	0.002	0.04	0.98	10.8	<1	4.0	25.2	0.51	0.06	14.8	0.238	1.76
E847270		750	1.3	161.5	<0.002	0.04	0.97	10.2	<1	5.3	45.6	0.48	<0.05	13.9	0.235	1.49
E847271		740	1.6	194.5	<0.002	0.04	0.97	11.6	<1	5.1	40.7	0.50	<0.05	13.9	0.194	1.70
E847272		630	1.5	203.0	<0.002	0.04	0.98	12.0	<1	3.9	17.4	0.52	<0.05	14.8	0.146	1.70
E847273		760	3.1	198.0	0.002	0.04	1.30	13.3	<1	5.6	31.1	0.59	<0.05	16.1	0.202	2.01
E847274		710	4.5	113.5	0.002	0.02	1.12	11.5	<1	7.2	54.5	0.57	<0.05	14.2	0.233	1.43
E847275		720	2.9	129.0	<0.002	0.01	0.90	11.6	<1	8.2	67.6	0.60	<0.05	14.8	0.250	1.62
E847276		810	2.1	95.0	0.002	0.03	0.81	11.7	<1	7.0	86.5	0.53	<0.05	14.8	0.218	1.17
E847277		800	3.9	33.6	<0.002	0.01	0.98	10.2	<1	4.6	78.2	0.38	0.06	15.7	0.170	0.42
E844886		640	3.3	362.0	<0.002	<0.01	0.70	15.9	<1	4.2	32.5	0.44	<0.05	19.9	0.198	1.83
E844887		270	2.5	421.0	<0.002	<0.01	0.72	18.8	<1	6.1	37.7	0.46	<0.05	16.0	0.250	2.07
E844888		220	2.6	421.0	<0.002	<0.01	0.82	20.0	<1	6.3	44.4	0.66	<0.05	19.7	0.262	2.34
E844889		170	2.5	421.0	<0.002	<0.01	0.81	19.5	<1	5.7	45.4	0.64	<0.05	17.3	0.264	2.32
E844890		580	2.7	381.0	<0.002	<0.01	0.71	14.6	1	3.6	39.4	0.39	<0.05	21.0	0.208	2.05
E844891		900	3.0	358.0	<0.002	<0.01	0.78	14.9	1	4.1	46.1	0.34	<0.05	26.8	0.153	1.98
E844892		530	3.2	319.0	<0.002	<0.01	0.64	12.1	1	3.4	44.3	0.34	0.14	16.7	0.194	1.92
E844893		540	3.7	385.0	<0.002	<0.01	0.58	16.2	1	4.0	59.3	0.35	<0.05	14.9	0.163	2.20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846170		70.8	60	21.8	22.9	15	57.8		
E846171		35.4	69	25.9	15.0	19	71.0		
E846172		33.4	69	26.9	15.9	15	67.1		
E846173		23.3	64	24.6	16.1	15	63.6		
E846174		7.9	73	9.9	15.5	5	68.5		
E846175		9.5	62	8.4	15.0	9	63.4		
E846176		8.2	70	9.6	14.9	5	65.9		
E846177		8.5	66	20.3	10.7	4	64.3		
E846178		17.7	64	20.3	13.0	5	66.5		
E846179		26.7	84	29.1	16.2	3	66.2		
E846180		34.3	62	21.7	17.3	6	56.7		
E846181		32.7	58	20.8	16.5	5	48.1		
E846182		28.3	78	24.0	15.3	5	47.6		
E847259		17.2	62	20.1	15.1	36	59.6		
E847260		25.3	118	17.3	21.6	7	23.4		
E847261		13.8	67	17.2	15.8	7	62.9		
E847262		7.0	61	14.1	12.7	4	66.3		
E847263		10.1	63	17.7	13.4	5	68.0		
E847264		10.0	68	13.1	12.9	6	70.3		
E847265		9.4	65	9.9	13.6	7	66.2		
E847266		9.0	65	10.4	11.6	7	65.6		
E847267		8.1	68	10.1	12.6	9	74.2		
E847268		6.6	66	9.7	13.0	11	72.3		
E847269		6.0	69	9.5	14.1	11	66.6		
E847270		5.5	71	7.9	12.3	17	64.5		
E847271		5.7	78	9.2	12.9	19	71.4		
E847272		5.6	68	7.6	13.8	30	70.3		
E847273		5.5	80	14.3	14.8	47	76.7		
E847274		3.7	73	10.4	11.6	35	68.6		
E847275		4.1	75	6.8	13.6	25	67.8		
E847276		5.6	74	5.6	18.2	27	71.6		
E847277		16.0	64	6.4	17.4	28	76.6		
E844886		7.0	87	3.6	12.2	7	106.5		
E844887		7.5	98	5.2	11.1	4	117.0		
E844888		5.0	93	5.3	12.1	3	136.0		
E844889		4.3	91	5.6	9.7	3	115.5		
E844890		3.5	88	2.3	9.7	6	91.5		
E844891		4.8	78	2.6	14.0	8	109.0		
E844892		3.0	74	2.8	9.0	6	87.6		
E844893		2.9	85	2.5	11.1	9	97.7		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844894		5.49	0.005		0.02	10.95	0.9	1310	2.59	0.04	0.20	<0.02	121.00	3.4	65	20.80
E844895		4.78	<0.005		0.02	10.15	0.8	1190	2.58	0.04	0.12	<0.02	143.00	6.7	61	19.65
E844896		0.99	<0.005		0.01	11.40	0.8	1420	3.57	0.03	0.15	<0.02	69.70	2.2	59	21.40
E844897		0.73	0.011		0.02	2.17	1.7	260	0.61	0.08	0.34	<0.02	58.90	15.1	40	3.61
E844898		3.75	0.006		0.02	11.85	1.5	1430	3.69	0.04	0.08	<0.02	124.50	4.9	74	25.50
E844899		4.42	<0.005		0.03	10.75	1.6	1150	3.27	0.03	0.13	<0.02	95.60	2.7	71	21.20
E844900		0.06	0.019		0.56	7.36	5.4	350	76.50	0.57	2.41	0.06	57.00	21.4	97	0.56
E844901		4.52	<0.005		0.01	10.20	1.0	1110	3.05	0.06	0.17	<0.02	52.70	4.3	65	20.10
E844902		4.14	0.006		0.02	9.98	1.5	1040	3.13	0.04	0.22	<0.02	94.80	5.1	65	20.30
E844903		5.61	<0.005		0.01	11.00	0.7	1030	3.25	0.04	0.11	<0.02	83.50	4.9	69	21.70
E844904		5.52	<0.005		<0.01	10.45	0.7	1070	3.38	0.04	0.11	<0.02	96.40	4.2	63	23.20
E844905		5.45	<0.005		0.02	10.65	0.7	1410	3.45	0.03	0.13	<0.02	22.60	2.5	70	23.00
E844906		4.65	0.010		0.02	10.60	0.9	1290	3.32	0.03	0.11	<0.02	45.10	3.9	63	23.50
E844907		4.88	<0.005		0.02	10.60	0.6	1180	3.51	0.03	0.10	<0.02	74.50	3.0	64	24.30
E844908		3.03	<0.005		0.03	10.30	0.7	980	3.10	0.03	0.09	<0.02	90.60	6.6	64	22.50
E844909		4.38	<0.005		0.01	10.30	1.0	1110	3.09	0.04	0.17	<0.02	109.00	4.3	66	23.90
E844910		0.04	0.032		0.01	0.07	0.4	10	<0.05	<0.01	<0.01	<0.02	2.34	0.1	5	0.06
E844911		4.36	0.007		0.01	10.75	1.1	1160	3.32	0.02	0.10	<0.02	26.80	7.5	71	24.70
E844912		4.83	<0.005		0.01	10.45	0.6	1150	3.43	0.03	0.12	<0.02	78.30	5.1	66	26.20
E844913		4.34	0.008		0.02	10.00	0.6	1130	3.33	0.02	0.21	<0.02	56.20	6.6	63	22.10
E844914		5.80	0.006		0.01	10.60	1.0	1260	3.34	0.03	0.20	<0.02	69.90	5.3	68	24.70
E844915		2.86	<0.005		0.02	10.60	0.8	1370	3.10	0.04	0.19	<0.02	37.90	3.4	71	23.70
E844916		4.23	<0.005		0.02	10.05	1.1	1260	3.32	0.04	0.26	<0.02	53.20	5.2	64	26.70
E844917		2.07	0.005		0.02	10.10	1.8	1040	3.53	0.22	0.27	<0.02	183.00	17.8	68	23.50
E844918		3.28	0.007		0.01	8.92	1.2	780	3.39	0.04	0.11	<0.02	98.40	9.3	57	17.35
E844919		5.51	<0.005		0.01	8.76	0.9	890	3.03	0.02	0.13	<0.02	145.50	5.3	57	17.85
E844920		2.54	<0.005		0.02	9.36	2.1	910	3.40	0.07	0.07	<0.02	157.50	21.7	73	19.30
E844921		4.64	0.006		0.02	9.52	2.2	900	3.06	0.08	0.08	<0.02	68.20	17.5	59	19.15
E844922		1.98	<0.005		0.01	9.30	0.7	830	3.15	0.01	0.13	<0.02	45.40	6.2	54	18.90
E844923		5.76	<0.005		0.01	9.11	1.4	800	3.15	0.03	0.13	<0.02	60.00	14.4	55	19.05
E844924		2.75	<0.005		0.12	9.29	3.5	860	3.23	0.18	0.21	<0.02	48.50	44.4	63	18.50
E844925		0.73	<0.005		0.21	10.00	5.4	850	4.50	0.28	0.13	<0.02	68.40	38.6	68	24.70
E844926		2.04	0.006		0.15	9.19	3.0	620	3.87	0.26	0.17	<0.02	15.15	21.6	53	15.25
E844927		1.17	0.014		0.20	10.00	28.0	520	6.88	2.75	0.16	<0.02	45.30	154.0	46	17.60
E844928		1.79	0.018		0.10	9.72	18.0	730	4.10	3.43	0.08	<0.02	32.90	34.3	59	18.90
E844929		2.62	<0.005		0.02	9.83	1.4	750	3.54	0.04	0.17	<0.02	8.73	20.5	60	15.65
E844930		2.96	0.005		0.01	9.73	1.4	870	3.88	0.03	0.28	<0.02	16.15	4.2	57	18.65
E844931		2.86	<0.005		0.01	9.53	0.9	880	3.60	0.02	0.32	<0.02	11.90	4.7	58	17.40
E844932		2.77	0.008		<0.01	10.40	1.0	1060	4.12	0.03	0.14	<0.02	37.90	3.1	71	21.40
E844933		2.79	<0.005		0.01	9.61	0.7	1000	4.06	0.04	0.09	<0.02	8.64	2.0	65	18.15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844894		5.9	4.12	29.60	0.18	3.1	0.065	4.59	61.2	12.6	0.49	114	0.74	0.27	4.4	28.2
E844895		7.7	4.22	28.50	0.21	3.0	0.062	4.40	67.5	12.2	0.40	85	0.99	0.25	4.3	27.0
E844896		10.4	2.38	32.50	0.10	4.3	0.070	5.13	36.6	9.6	0.30	72	0.50	0.30	9.0	11.8
E844897		13.1	9.14	7.52	0.15	0.8	0.018	0.84	33.0	5.8	0.15	252	1.36	0.07	0.9	21.4
E844898		10.2	3.57	33.70	0.19	3.8	0.080	5.34	59.0	12.1	0.35	63	1.58	0.30	5.9	15.3
E844899		28.7	3.67	29.70	0.15	3.0	0.067	4.70	48.8	14.3	0.32	121	1.66	0.27	4.4	20.6
E844900		68.7	4.82	20.50	0.15	4.6	0.051	0.59	29.1	14.3	1.26	554	39.70	4.07	8.9	180.5
E844901		11.1	2.94	28.70	0.09	3.0	0.065	4.49	25.0	10.4	0.33	134	1.20	0.26	5.4	16.2
E844902		8.7	3.19	28.50	0.14	3.2	0.066	4.24	47.2	15.7	0.46	218	1.13	0.24	5.1	24.6
E844903		4.1	3.43	29.70	0.16	3.3	0.069	4.59	41.7	15.0	0.50	140	1.14	0.26	5.3	35.2
E844904		9.1	3.66	28.50	0.16	3.3	0.075	4.35	47.0	11.4	0.40	98	1.19	0.26	5.2	32.9
E844905		10.4	3.01	30.00	0.08	3.7	0.074	4.71	10.5	8.9	0.30	75	0.66	0.28	5.7	20.6
E844906		4.1	3.66	29.00	0.11	3.4	0.069	4.36	21.1	12.6	0.42	105	0.71	0.29	5.4	38.6
E844907		4.4	3.22	28.40	0.12	2.9	0.066	4.36	37.2	10.3	0.34	69	0.46	0.32	5.3	29.9
E844908		3.2	3.68	26.40	0.15	3.1	0.061	4.04	44.9	19.3	0.56	174	0.95	0.28	4.7	44.2
E844909		4.1	3.11	27.80	0.18	3.6	0.069	4.23	52.9	11.4	0.36	178	0.58	0.30	6.2	27.3
E844910		0.7	0.02	0.18	<0.05	0.9	<0.005	0.01	1.3	1.7	<0.01	<5	0.08	<0.01	0.2	0.4
E844911		5.7	3.55	28.60	0.09	3.3	0.068	4.49	12.2	11.5	0.36	89	0.80	0.31	3.7	24.2
E844912		3.4	2.99	29.00	0.12	3.5	0.072	4.29	38.7	11.3	0.38	97	0.60	0.32	5.6	29.8
E844913		4.2	4.02	25.60	0.12	2.8	0.060	4.12	26.5	13.7	0.53	254	0.81	0.32	4.0	32.9
E844914		4.3	3.46	29.40	0.14	3.1	0.064	4.41	35.1	10.2	0.38	148	0.65	0.34	4.8	31.9
E844915		3.9	3.73	28.40	0.09	2.8	0.063	4.48	18.0	8.4	0.30	117	0.64	0.36	5.3	27.7
E844916		5.8	2.67	28.20	0.10	3.2	0.071	4.28	25.4	8.1	0.29	162	0.50	0.35	7.7	15.9
E844917		6.4	4.20	28.70	0.27	2.6	0.065	4.03	85.5	22.3	0.64	332	1.48	0.33	4.1	38.9
E844918		3.8	1.83	24.00	0.13	2.7	0.031	3.38	48.8	18.2	0.56	149	0.53	0.39	5.6	31.7
E844919		14.5	1.35	24.50	0.17	2.6	0.030	3.48	67.8	10.6	0.42	84	0.27	0.30	6.0	22.8
E844920		16.8	1.98	26.90	0.21	2.4	0.033	3.78	73.3	18.3	0.60	103	1.03	0.35	4.9	31.1
E844921		4.4	2.24	24.90	0.10	2.9	0.029	3.68	32.8	13.5	0.54	98	0.74	0.30	5.5	29.4
E844922		3.6	1.96	23.90	0.09	2.7	0.032	3.68	20.7	12.3	0.47	98	0.38	0.35	5.4	26.5
E844923		7.5	2.21	24.40	0.10	2.8	0.033	3.50	28.2	17.0	0.61	140	0.57	0.31	6.4	35.9
E844924		35.5	2.07	25.10	0.07	2.7	0.033	3.66	20.8	21.5	0.65	187	1.61	0.33	5.2	38.3
E844925		94.7	1.69	27.20	0.08	2.3	0.039	4.16	17.3	21.6	0.49	156	4.82	0.26	5.9	23.1
E844926		71.2	1.24	21.10	0.05	2.3	0.038	3.19	7.3	28.8	0.35	169	3.55	1.30	5.4	11.8
E844927		508.0	2.23	18.20	0.09	2.2	0.065	2.82	22.5	34.6	0.46	319	22.90	1.89	4.1	67.6
E844928		115.0	1.89	25.50	0.06	3.2	0.045	3.65	18.6	17.9	0.39	75	8.10	1.10	6.5	21.6
E844929		39.1	1.07	23.20	<0.05	3.1	0.033	3.37	4.5	16.7	0.42	164	0.38	1.74	5.4	19.9
E844930		14.3	0.79	23.60	<0.05	2.6	0.033	3.85	7.8	11.4	0.32	111	0.36	0.80	6.3	6.2
E844931		32.4	1.06	23.40	<0.05	2.5	0.032	3.56	5.7	15.5	0.42	150	0.32	1.03	6.1	15.7
E844932		14.3	1.13	28.90	0.06	3.1	0.034	4.44	18.1	14.4	0.41	80	0.39	0.43	6.8	18.3
E844933		12.0	0.87	24.10	<0.05	2.5	0.027	3.88	4.1	10.0	0.30	61	0.31	0.78	6.1	11.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844894		640	2.6	385.0	<0.002	<0.01	0.53	15.9	1	3.7	57.9	0.33	<0.05	20.2	0.194	2.36
E844895		570	2.7	365.0	<0.002	<0.01	0.69	14.5	1	4.0	51.2	0.32	<0.05	20.1	0.195	2.23
E844896		370	2.8	409.0	<0.002	<0.01	0.59	16.1	1	5.4	55.4	0.63	<0.05	22.6	0.202	2.51
E844897		90	3.7	69.0	<0.002	0.02	1.03	2.9	1	1.7	13.2	0.06	<0.05	7.3	0.196	0.39
E844898		420	2.9	429.0	<0.002	<0.01	0.67	16.7	1	6.1	49.7	0.43	<0.05	21.6	0.179	2.37
E844899		560	2.8	368.0	<0.002	<0.01	0.70	15.4	1	4.5	44.0	0.31	<0.05	19.3	0.141	2.19
E844900		650	519.0	27.8	0.056	0.19	0.21	14.9	5	5.7	195.5	0.95	0.12	13.8	0.345	0.15
E844901		370	3.4	366.0	<0.002	<0.01	0.53	14.7	1	4.4	43.4	0.38	<0.05	17.2	0.146	2.33
E844902		510	3.7	350.0	<0.002	<0.01	0.71	14.9	1	3.5	42.6	0.37	<0.05	20.4	0.143	2.38
E844903		510	3.3	377.0	<0.002	<0.01	0.50	15.3	1	3.5	48.0	0.38	<0.05	21.0	0.144	2.71
E844904		530	3.0	360.0	<0.002	<0.01	0.44	14.9	1	3.4	50.8	0.38	<0.05	20.3	0.138	2.72
E844905		540	3.3	385.0	<0.002	<0.01	0.48	16.0	1	3.7	49.9	0.41	<0.05	21.2	0.146	2.61
E844906		500	3.1	355.0	<0.002	<0.01	0.43	14.9	1	3.4	53.2	0.40	<0.05	20.0	0.141	2.58
E844907		490	3.1	347.0	<0.002	<0.01	0.41	14.8	1	3.4	57.2	0.40	<0.05	21.3	0.147	2.70
E844908		420	3.1	330.0	<0.002	<0.01	0.58	13.6	1	3.1	51.5	0.34	<0.05	20.0	0.129	2.39
E844909		510	3.6	334.0	<0.002	<0.01	0.47	14.0	1	3.3	57.4	0.46	<0.05	20.6	0.156	2.59
E844910		10	0.9	0.8	<0.002	<0.01	<0.05	0.2	1	<0.2	2.0	<0.05	<0.05	0.4	0.005	<0.02
E844911		480	3.4	345.0	<0.002	<0.01	0.44	14.8	1	3.4	60.4	0.24	<0.05	21.7	0.116	2.56
E844912		440	3.5	336.0	<0.002	<0.01	0.46	15.7	1	3.5	65.2	0.40	<0.05	20.6	0.153	2.63
E844913		300	3.3	305.0	<0.002	<0.01	0.44	13.0	1	3.0	59.6	0.27	<0.05	19.0	0.120	2.37
E844914		400	3.5	335.0	<0.002	<0.01	0.44	15.7	1	3.5	73.0	0.33	<0.05	20.3	0.139	2.68
E844915		390	3.6	328.0	<0.002	<0.01	0.53	14.5	1	3.4	74.0	0.39	<0.05	20.6	0.157	2.47
E844916		370	4.0	337.0	<0.002	<0.01	0.91	15.1	1	3.4	79.0	0.57	<0.05	20.8	0.193	2.57
E844917		470	4.0	315.0	<0.002	0.01	0.93	17.0	1	3.5	76.3	0.30	0.13	19.7	0.121	2.35
E844918		340	2.7	247.0	<0.002	<0.01	0.50	12.1	1	2.9	58.0	0.43	<0.05	18.8	0.130	1.80
E844919		570	2.9	247.0	<0.002	<0.01	0.40	11.8	1	2.9	63.8	0.45	<0.05	20.1	0.134	1.88
E844920		420	2.7	273.0	<0.002	0.10	0.62	13.1	1	2.8	62.5	0.35	0.05	23.4	0.123	1.93
E844921		380	2.9	269.0	<0.002	0.08	0.36	11.7	1	2.8	63.4	0.41	0.08	20.3	0.122	2.00
E844922		400	2.6	268.0	<0.002	<0.01	0.37	11.0	1	2.9	59.0	0.40	<0.05	21.1	0.114	1.94
E844923		520	2.6	258.0	<0.002	0.02	0.42	11.7	1	3.0	58.4	0.49	<0.05	20.8	0.134	1.96
E844924		1030	2.6	266.0	<0.002	0.28	0.32	12.4	1	2.9	57.6	0.39	0.11	19.8	0.129	1.85
E844925		530	3.4	334.0	<0.002	0.08	1.04	14.6	1	3.2	54.1	0.43	0.15	20.1	0.151	1.90
E844926		660	3.3	268.0	<0.002	0.06	1.24	10.8	1	2.4	58.0	0.37	0.09	19.2	0.116	1.36
E844927		850	4.8	236.0	<0.002	0.10	3.27	9.8	2	2.2	58.9	0.28	0.14	24.5	0.094	1.25
E844928		490	3.8	287.0	<0.002	0.16	1.43	13.7	1	3.1	56.2	0.42	0.77	22.5	0.141	1.64
E844929		110	3.0	244.0	<0.002	<0.01	0.59	11.8	1	2.5	61.5	0.38	<0.05	19.4	0.126	1.44
E844930		380	2.8	279.0	<0.002	<0.01	0.68	12.4	1	2.9	63.3	0.43	<0.05	17.9	0.144	1.80
E844931		460	2.7	260.0	<0.002	<0.01	0.57	13.0	1	2.9	61.4	0.43	<0.05	17.6	0.152	1.75
E844932		550	3.0	310.0	<0.002	<0.01	0.40	16.0	1	3.4	70.0	0.49	<0.05	20.4	0.181	2.14
E844933		90	2.8	272.0	<0.002	<0.01	0.31	13.3	1	3.0	71.6	0.42	<0.05	18.7	0.158	1.75

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844894		3.2	91	2.6	11.2	8	105.5		
E844895		3.2	82	3.0	10.7	7	100.5		
E844896		4.1	82	4.6	12.4	4	144.0		
E844897		1.7	57	1.7	3.8	11	27.7		
E844898		4.5	96	5.4	11.5	5	129.5		
E844899		4.3	88	3.4	10.1	7	99.2		
E844900		1650.0	670	2.8	19.9	87	188.5		0.17
E844901		6.9	82	3.5	8.7	8	99.6		
E844902		3.7	83	2.6	9.9	14	105.0		
E844903		4.1	87	2.1	10.4	14	109.5		
E844904		3.8	80	1.9	11.0	10	110.5		
E844905		4.1	83	3.2	9.9	8	121.0		
E844906		3.5	82	2.0	10.9	12	112.0		
E844907		3.2	82	1.9	11.2	8	97.7		
E844908		3.4	77	1.5	11.2	17	100.5		
E844909		3.6	75	2.4	12.0	11	118.0		
E844910		0.3	1	<0.1	1.7	3	28.3		
E844911		4.0	80	2.5	9.0	10	110.0		
E844912		3.5	81	2.5	11.5	10	115.5		
E844913		3.1	73	2.4	8.8	14	92.8		
E844914		3.4	84	2.2	10.5	12	103.5		
E844915		3.7	88	3.1	9.0	7	94.0		
E844916		4.0	79	3.6	9.3	6	108.0		
E844917		3.5	86	3.1	10.3	20	88.4		
E844918		2.6	62	2.2	9.4	13	87.6		
E844919		2.3	62	3.1	9.0	8	88.4		
E844920		3.5	69	2.4	7.4	14	82.0		
E844921		3.2	64	2.2	9.2	11	91.2		
E844922		2.4	60	2.2	8.9	9	83.8		
E844923		2.5	62	3.0	9.5	13	88.9		
E844924		3.6	68	2.7	8.4	13	88.4		
E844925		4.4	81	3.0	10.3	11	76.5		
E844926		9.8	54	2.8	7.3	9	77.9		
E844927		55.4	49	2.4	14.6	23	75.4		
E844928		14.1	71	3.3	9.8	11	104.5		
E844929		2.7	68	3.8	6.7	10	94.1		
E844930		2.4	68	4.3	6.7	5	82.3		
E844931		2.3	66	3.2	6.3	9	80.0		
E844932		2.6	86	3.7	7.5	9	100.5		
E844933		2.3	68	4.4	5.2	5	80.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844934		2.40	0.006		0.01	9.76	1.0	970	3.77	0.03	0.13	<0.02	9.10	5.4	71	18.45
E844935		2.67	<0.005		0.03	10.10	1.4	1090	4.27	0.09	0.16	<0.02	33.30	5.4	81	21.40
E844936		2.65	0.005		0.03	10.35	1.7	1050	4.47	0.02	0.14	<0.02	15.25	8.3	78	19.95
E844937		2.07	<0.005		0.03	10.70	1.6	900	4.40	0.03	0.18	<0.02	46.60	14.7	79	22.50
E839661		1.85	0.035		1.73	2.78	44.7	80	0.79	6.86	0.23	0.04	57.90	56.7	30	1.38
E839662		1.10	<0.005		0.11	0.56	5	10	0.18	0.02	20.40	0.18	7.47	3.8	6	0.14
E839663		1.55	0.015		0.14	6.34	1.7	370	0.33	0.45	6.34	<0.02	463.00	8.4	31	0.68
E839664		1.50	0.022		0.75	6.51	2.0	650	0.36	5.67	4.41	0.04	110.50	9.6	38	0.98
E839665		1.55	0.194		0.41	6.48	17.9	520	0.53	13.25	0.53	0.02	228.00	29.1	52	1.61
E839666		0.87	0.224		2.77	1.11	81.6	20	0.14	45.70	0.03	0.02	35.20	17.2	20	0.57
E839667		0.93	0.058		0.28	0.61	3500.0	30	0.08	11.15	0.03	0.05	94.90	1780.0	44	0.37
E839668		1.71	0.038		0.67	2.98	1565.0	70	0.44	2.43	0.07	0.02	363.00	505.0	20	0.71
E839669		2.32	0.358		6.79	0.07	3620.0	10	<0.05	200.00	0.08	0.09	0.98	668.0	<1	0.23
E839670		0.90	0.012		1.46	0.18	125.5	20	0.12	7.62	0.01	0.05	5.63	56.7	10	0.43
E839671		1.86	<0.005		0.07	0.96	16.7	50	0.31	0.40	0.08	<0.02	37.50	11.0	32	0.47
E839672		1.28	<0.005		9.42	0.34	451.0	30	0.11	6.55	0.32	0.12	16.65	14.0	<1	0.17
E839673		0.92	0.006		0.12	5.51	16.1	210	1.15	0.36	0.12	<0.02	79.70	149.5	48	3.38
E839674		1.16	<0.005		6.05	0.18	80	30	0.19	1.83	15.55	0.11	24.70	11.6	1	0.34
E839675		0.94	0.035		2.04	5.81	40.2	840	0.67	0.84	5.13	0.03	71.50	101.5	28	0.81
E839676		0.85	0.051		2.54	7.95	62.4	1290	1.14	1.79	2.27	<0.02	195.00	71.6	54	2.34
E839677		0.76	0.022		0.48	6.73	29.0	1400	0.30	1.20	4.92	<0.02	27.20	165.5	45	1.06
E839678		0.77	0.044		0.82	6.77	13.5	4110	2.33	1.50	2.91	0.05	97.80	12.8	42	3.18
E839790		1.15	<0.005		0.04	7.17	2.4	560	3.01	0.12	4.10	<0.02	16.15	17.8	41	2.35
E839791		1.40	0.044		0.19	7.98	11.4	20	0.50	0.19	2.67	<0.02	29.40	17.4	26	0.38
E839792		1.22	0.021		0.41	5.45	31.9	40	1.90	1.63	2.96	<0.02	259.00	328.0	34	4.48
E846211		0.69	0.008		0.49	5.90	111.0	1060	1.66	6.01	3.13	0.58	93.20	206.0	19	2.89
E846212		1.34	0.059		14.40	7.74	8.2	1530	2.24	4.59	1.54	<0.02	28.80	10.4	34	4.36
E846213		0.64	0.013		0.08	9.06	7.4	630	2.65	0.24	0.09	0.03	57.00	7.5	64	10.50
E846214		0.84	<0.005		0.63	2.60	6.4	280	0.93	2.33	0.06	0.11	23.30	4.0	22	2.16
E846215		0.77	<0.005		0.18	1.17	10.6	40	0.23	0.69	0.07	0.07	4.82	7.3	20	0.34
E847223		1.31	2.09	2.22	22.20	6.00	103.5	350	2.54	76.00	5.99	<0.02	95.10	68.8	31	2.46
E847224		1.32	0.016		2.04	5.97	41.0	210	0.58	4.18	0.56	<0.02	82.20	195.5	39	1.18
E847225		1.27	<0.005		0.14	6.45	7.1	7350	1.07	0.32	5.19	<0.02	>500	18.1	34	1.95
E847226		1.68	0.022		0.72	0.37	18	40	0.35	3.89	18.05	0.02	15.60	33.0	2	0.56
E847227		1.06	0.006		0.38	6.08	58.8	640	0.39	0.52	0.96	<0.02	34.90	131.0	13	1.16
E847228		0.86	0.005		0.65	5.75	17.9	730	0.42	0.46	6.42	<0.02	59.30	51.7	9	1.07
E847229		1.11	0.027		1.69	6.06	10.4	500	0.16	1.20	8.15	0.02	9.42	40.7	7	0.50
E847230		0.79	<0.005		0.07	7.59	14.0	520	1.93	1.30	0.09	<0.02	124.00	17.0	38	9.11
E839679		1.16	0.013		0.15	5.23	14.0	40	0.59	0.98	3.38	<0.02	74.70	31.2	10	0.96
E839680		0.91	0.012		0.44	7.85	31.2	40	1.25	4.47	3.87	<0.02	38.70	236.0	23	0.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844934		8.9	1.58	25.50	<0.05	2.7	0.033	3.62	4.3	21.1	0.59	148	0.23	0.58	6.2	29.9
E844935		10.6	1.40	29.10	0.07	2.7	0.037	4.19	14.9	19.9	0.49	112	0.21	0.43	5.5	26.2
E844936		18.9	1.68	26.90	<0.05	2.7	0.033	3.89	7.2	23.0	0.55	176	0.27	0.67	5.4	31.7
E844937		15.4	2.28	28.00	0.09	2.7	0.036	4.11	22.2	30.1	0.78	238	0.45	0.60	5.1	46.4
E839661		1425.0	2.76	6.96	0.08	0.9	0.174	1.03	28.4	7.8	0.27	66	0.40	0.23	2.4	25.5
E839662		4.3	2.32	1.49	0.07	0.2	0.060	0.02	3.4	12.0	12.95	1135	0.08	0.02	1.2	6.9
E839663		2320.0	5.41	9.87	0.48	1.7	0.088	4.68	242.0	5.1	3.01	4320	2.03	1.71	6.2	3.5
E839664		>10000	5.07	8.50	0.19	1.5	0.152	3.30	59.6	11.4	1.99	3490	0.26	2.44	2.8	4.9
E839665		>10000	9.66	16.10	0.33	1.5	0.554	5.03	120.5	38.7	1.23	632	1.83	0.05	4.6	40.9
E839666		2030.0	3.90	3.91	0.09	0.3	0.419	0.08	14.2	8.0	0.70	776	0.36	0.04	0.6	11.1
E839667		353.0	3.45	2.81	0.16	0.6	0.063	0.05	40.5	4.7	0.45	1165	0.30	0.02	0.6	262.0
E839668		1135.0	4.37	9.43	0.41	0.4	0.114	0.55	190.0	11.7	0.59	747	0.28	0.81	0.5	83.1
E839669		>10000	32.60	0.69	0.29	<0.1	2.280	0.03	<0.5	2.4	4.58	10950	0.20	0.02	0.3	305.0
E839670		742.0	7.33	0.70	0.07	<0.1	0.170	0.07	2.2	0.7	0.04	1930	0.27	0.03	0.1	32.1
E839671		67.0	3.13	2.73	0.07	0.3	0.042	0.41	15.5	1.1	0.22	1840	0.29	0.02	1.5	5.5
E839672		261.0	45.10	0.95	0.89	0.1	0.066	0.23	8.5	2.7	0.32	1305	2.35	<0.01	0.3	61.0
E839673		15.4	2.76	15.85	0.09	3.4	0.095	2.90	53.8	22.6	0.49	61	4.70	0.03	3.5	22.4
E839674		74.9	12.25	1.11	0.11	0.1	0.073	0.14	14.7	17.8	4.30	1585	3.42	0.01	0.2	27.2
E839675		4050.0	7.92	15.20	0.14	3.5	0.170	4.29	41.7	27.4	3.53	2050	11.85	0.04	6.1	49.3
E839676		5680.0	5.18	23.30	0.26	3.1	0.159	6.61	114.5	36.2	2.06	974	13.80	0.07	4.9	68.6
E839677		538.0	4.64	9.60	0.10	2.2	0.130	5.97	14.1	7.6	2.16	3000	7.19	0.07	7.1	21.1
E839678		746.0	3.01	19.50	0.22	2.6	0.399	4.48	48.1	29.1	1.64	1940	16.35	0.04	8.2	18.0
E839790		20.4	3.62	19.10	0.10	2.6	0.190	3.20	8.1	22.3	1.81	6230	0.58	1.40	5.7	14.1
E839791		1240.0	1.34	15.30	0.10	1.5	0.061	0.34	14.8	4.1	1.06	1540	1.53	6.02	5.2	16.3
E839792		19.9	12.90	13.00	0.31	1.9	0.082	0.11	165.5	91.2	2.40	4610	36.00	1.94	2.0	50.1
E846211		>10000	2.90	11.55	0.17	1.8	0.221	4.48	49.0	46.1	1.95	1365	4.55	0.07	2.8	56.6
E846212		>10000	1.76	20.80	0.10	3.9	0.085	4.89	13.9	26.7	1.42	595	10.40	0.05	6.5	16.2
E846213		41.4	3.67	24.60	0.09	4.0	0.073	2.45	8.8	49.3	1.05	507	3.82	0.44	17.0	16.9
E846214		157.5	3.22	6.62	0.05	1.1	0.018	0.52	11.6	28.5	0.60	333	1.85	0.08	3.8	5.7
E846215		136.5	3.45	3.40	<0.05	0.3	0.032	0.11	2.3	21.1	0.46	503	0.89	0.02	1.4	19.8
E847223		113.5	2.02	19.00	0.84	2.7	0.095	3.33	44.4	40.2	3.88	2360	1780.00	0.03	8.9	62.5
E847224		>10000	18.55	18.35	0.24	1.6	0.421	1.25	42.2	55.5	2.88	4650	7.32	0.02	3.5	101.5
E847225		1250.0	5.17	17.35	0.53	2.1	0.206	6.11	311.0	8.4	2.24	3610	5.34	0.06	3.2	23.1
E847226		2220.0	4.03	0.96	<0.05	0.2	0.335	0.20	7.8	4.0	9.78	4830	17.55	0.03	0.4	16.2
E847227		1580.0	9.57	17.65	0.15	2.8	0.083	5.61	16.5	28.5	1.84	565	11.90	0.06	1.9	57.8
E847228		3110.0	7.36	10.80	0.13	3.2	0.240	6.38	30.1	9.2	3.02	3860	2.62	0.07	10.0	17.7
E847229		2730.0	3.70	13.60	0.07	3.3	0.291	7.44	4.6	2.0	3.54	3420	9.43	0.07	8.5	10.5
E847230		51.2	3.98	18.05	0.15	2.5	0.044	2.34	53.8	19.9	0.59	217	0.47	1.49	10.6	14.5
E839679		41.7	13.35	34.70	0.21	0.9	0.057	0.09	22.7	49.9	5.23	1555	5.92	0.78	2.9	135.5
E839680		241.0	2.88	14.30	0.09	1.0	0.037	0.14	22.1	1.4	1.32	2280	154.00	6.35	4.1	22.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844934		370	2.9	263.0	<0.002	<0.01	0.31	14.1	1	2.9	69.1	0.43	<0.05	17.7	0.156	1.87
E844935		780	3.1	297.0	<0.002	<0.01	0.36	16.6	1	3.3	73.3	0.38	0.06	18.0	0.158	2.07
E844936		430	3.4	280.0	<0.002	<0.01	0.38	14.9	1	3.3	79.9	0.38	<0.05	17.8	0.149	1.91
E844937		550	3.2	302.0	<0.002	<0.01	0.49	15.8	1	3.5	77.6	0.36	<0.05	18.3	0.146	2.17
E839661		1170	17.0	77.3	<0.002	1.60	5.73	3.5	4	1.5	7.1	0.18	0.10	6.9	0.062	0.18
E839662		150	11.7	0.7	<0.002	<0.01	0.36	1.3	1	0.5	86.2	0.07	0.05	1.2	0.028	<0.02
E839663		610	2.2	93.6	<0.002	0.16	0.66	6.5	2	2.4	23.1	0.56	0.09	10.1	0.262	0.38
E839664		90	5.2	95.1	<0.002	1.17	2.62	12.2	3	2.9	24.9	0.47	<0.05	13.0	0.204	0.38
E839665		680	5.8	152.0	<0.002	3.77	2.51	6.4	5	1.8	12.8	0.36	0.16	9.2	0.232	0.72
E839666		50	7.7	5.1	<0.002	0.09	2.54	1.1	2	0.6	4.9	<0.05	0.48	3.1	0.012	0.04
E839667		50	10.1	3.2	<0.002	0.20	5.77	1.5	3	0.2	4.0	<0.05	0.51	2.8	0.011	0.02
E839668		190	4.5	48.3	<0.002	0.80	7.02	2.5	3	0.7	7.9	<0.05	0.27	11.2	0.015	0.12
E839669		10	11.7	1.8	<0.002	7.79	28.80	1.2	9	2.6	2.4	<0.05	0.24	<0.2	<0.005	0.05
E839670		40	12.7	3.8	<0.002	0.08	16.35	1.7	2	0.2	6.5	<0.05	0.06	0.2	<0.005	0.02
E839671		40	2.5	29.7	<0.002	<0.01	2.02	1.5	1	0.4	2.6	0.11	<0.05	3.3	0.026	0.09
E839672		40	467.0	6.7	<0.002	0.86	60.40	0.7	1	<0.2	1.4	<0.05	<0.05	0.8	<0.005	0.21
E839673		720	6.7	182.0	<0.002	1.65	3.32	9.4	4	6.3	6.5	0.28	0.16	12.5	0.114	0.42
E839674		80	322.0	8.8	0.002	9.57	20.90	0.4	1	<0.2	16.2	<0.05	0.08	0.4	<0.005	2.78
E839675		810	21.5	104.5	0.006	0.64	4.33	26.3	2	2.2	33.1	0.47	0.06	5.4	0.604	0.42
E839676		1070	11.2	186.5	0.003	0.86	3.22	13.2	9	4.2	22.7	0.41	0.27	18.0	0.173	0.82
E839677		620	11.7	115.0	0.026	1.01	2.36	9.7	2	3.8	20.3	0.61	0.10	12.4	0.182	0.91
E839678		730	116.0	290.0	<0.002	0.14	19.65	10.5	4	2.8	40.1	0.65	0.10	19.6	0.245	0.64
E839790		710	1.3	202.0	<0.002	<0.01	0.92	11.6	1	3.7	21.4	0.53	0.05	16.2	0.197	0.37
E839791		1420	2.8	8.2	<0.002	0.28	0.62	2.7	1	1.1	17.4	0.39	0.06	11.5	0.128	0.03
E839792		1300	7.3	6.2	0.015	4.67	2.99	5.3	4	3.6	36.1	0.11	0.64	12.2	0.037	2.06
E846211		790	16.8	230.0	0.007	0.45	13.15	6.8	4	0.6	64.7	0.19	<0.05	12.8	0.081	8.79
E846212		650	3.6	253.0	0.078	0.06	10.45	9.8	5	3.1	21.4	0.54	0.17	20.3	0.174	0.72
E846213		340	11.1	175.5	0.005	0.02	0.66	14.6	1	3.0	68.0	1.28	<0.05	19.7	0.410	0.92
E846214		400	91.7	41.9	<0.002	0.03	5.24	4.0	2	0.6	16.4	0.29	0.62	4.9	0.095	0.25
E846215		140	9.9	7.1	<0.002	0.05	2.39	1.2	1	0.2	3.9	0.07	0.08	2.2	0.024	0.06
E847223		600	250.0	226.0	1.200	0.12	13.00	14.7	72	4.8	25.7	0.73	35.00	15.7	0.195	6.02
E847224		700	4.2	55.1	0.004	4.57	1.58	9.8	3	2.6	7.7	0.27	0.17	12.9	0.104	0.14
E847225		670	4.7	193.0	0.003	0.28	2.52	14.1	5	2.1	98.5	0.23	0.10	16.5	0.127	0.40
E847226		150	10.5	8.7	0.009	0.07	0.79	1.1	3	<0.2	89.3	<0.05	0.15	1.0	0.010	0.52
E847227		720	2.7	106.5	<0.002	0.19	2.83	22.5	2	1.3	19.1	0.12	<0.05	4.6	0.223	0.37
E847228		730	3.7	121.0	0.002	0.23	2.77	27.3	2	1.3	42.4	0.66	<0.05	5.4	0.809	0.43
E847229		710	5.1	116.5	0.004	0.55	4.25	20.5	3	2.4	43.3	0.57	0.11	5.9	0.747	0.49
E847230		170	6.5	159.0	<0.002	0.02	0.88	8.8	1	2.5	41.6	0.76	0.07	18.6	0.221	0.81
E839679		2720	387.0	5.4	0.004	<0.01	5.43	27.1	4	0.6	22.8	0.09	0.07	23.9	0.132	0.03
E839680		120	14.9	3.3	0.022	1.01	1.31	15.5	7	0.4	65.8	0.30	0.19	6.0	0.111	0.11

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844934		2.6	76	3.9	5.9	15	85.7		
E844935		2.7	93	2.9	6.9	12	90.2		
E844936		2.7	85	3.9	7.0	16	89.4		
E844937		2.9	93	2.9	8.0	26	88.5		
E839661		1.7	19	1.1	6.3	19	29.6		
E839662		0.5	8	0.2	11.0	78	6.6		
E839663		4.7	72	2.0	26.9	10	53.2		
E839664		1.6	68	1.2	14.5	15	49.7	0.978	
E839665		4.3	75	1.4	14.7	21	54.0	2.49	
E839666		1.7	8	0.2	5.8	12	11.0		
E839667		0.9	4	0.2	2.7	19	19.0		
E839668		1.1	8	0.7	8.0	9	14.6		
E839669		0.2	1	0.1	8.2	30	0.8	1.760	
E839670		1.3	1	0.1	9.5	14	0.9		
E839671		1.0	5	0.4	4.1	5	10.7		
E839672		0.9	8	<0.1	7.9	90	4.5		
E839673		5.6	62	2.3	20.0	10	107.5		
E839674		0.9	18	0.1	7.1	86	4.9		
E839675		5.3	292	8.9	22.1	63	115.5		
E839676		16.7	106	8.1	19.6	39	104.5		
E839677		6.2	63	11.3	17.6	11	67.9		
E839678		790.0	65	3.3	36.8	16	84.8		
E839790		3.4	65	3.1	13.2	4	76.9		
E839791		3.4	28	21.0	5.6	3	50.4		
E839792		56.0	59	9.7	20.1	41	62.6		
E846211		48.5	36	1.4	23.1	35	61.1	1.665	
E846212		13.9	95	2.2	17.2	10	123.0	1.075	
E846213		5.9	86	1.3	17.2	89	123.5		
E846214		2.1	23	3.0	7.9	75	37.2		
E846215		1.3	10	0.2	2.9	46	9.9		
E847223		1060.0	73	9.3	144.5	27	78.2		0.11
E847224		11.6	77	0.5	9.8	20	54.4	2.73	
E847225		10.9	96	2.7	19.4	8	69.7		
E847226		5.5	8	0.2	13.9	16	6.7		
E847227		2.3	353	0.9	13.2	29	91.6		
E847228		3.8	342	1.2	24.3	14	104.5		
E847229		8.5	104	8.2	30.1	11	117.0		
E847230		4.6	54	1.9	13.4	39	78.1		
E839679		1610.0	371	2.1	73.7	80	30.1		0.16
E839680		5.6	27	1.2	11.8	24	34.1		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E839681		0.90	0.011		0.08	8.57	4.8	390	2.30	0.38	3.61	<0.02	37.30	49.0	32	1.81

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839681		1765.0	10.20	27.50	0.12	1.0	0.193	0.99	16.6	33.8	3.77	1430	0.75	2.65	11.0	74.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839681		920	4.7	53.7	<0.002	0.14	4.64	37.5	2	1.6	59.0	0.74	<0.05	4.9	1.255	0.27

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839681		3.3	469	2.5	20.4	226	19.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

CERTIFICATE TR07086403

Project: Werneckes

P.O. No.: FRG07-01

This report is for 117 Drill Core samples submitted to our lab in Terrace, BC, Canada on 7-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844843		1.42	0.007		0.14	10.40	2.3	1630	4.29	0.16	0.15	0.03	109.50	20.2	139	13.45
E844844		8.22	<0.005		0.04	11.55	1.0	1400	3.95	0.03	0.13	<0.02	144.00	3.8	59	11.90
E844845		7.58	0.005		0.02	11.00	0.8	1190	4.17	0.04	0.15	<0.02	125.50	4.5	54	11.40
E844846		7.96	0.005		0.02	10.95	1.1	1220	3.90	0.08	0.20	<0.02	136.50	5.6	53	8.90
E844847		4.99	0.005		0.03	10.20	1.2	1260	3.99	0.11	0.22	<0.02	140.00	10.4	53	7.49
E844848		3.42	<0.005		0.04	10.85	1.2	1040	4.24	0.06	0.40	<0.02	102.50	3.9	54	7.80
E844849		7.93	0.005		0.03	7.27	1.2	760	2.56	0.21	0.27	<0.02	38.00	5.2	38	4.82
E844850		2.98	<0.005		0.02	10.80	1.1	1100	3.52	0.04	0.14	<0.02	45.90	5.7	57	6.35
E844851		2.78	0.007		0.02	10.20	1.7	1010	3.41	0.60	0.11	<0.02	97.90	34.3	55	6.00
E844852		3.56	<0.005		0.03	11.35	1.4	1120	3.72	0.12	0.09	<0.02	68.80	5.1	56	7.05
E844853		2.93	<0.005		0.01	10.45	1.2	1170	3.65	0.03	0.11	<0.02	131.50	4.6	48	6.86
E844854		2.85	<0.005		0.03	9.74	1.2	940	2.90	0.11	0.15	<0.02	79.60	5.6	42	5.72
E844855		2.06	<0.005		0.02	9.36	1.2	180	1.72	0.03	0.45	0.02	15.25	4.3	25	1.02
E844856		2.89	<0.005		0.02	8.53	0.8	890	2.67	0.02	0.14	<0.02	39.70	4.1	42	5.75
E844857		5.24	<0.005		0.02	8.36	1.4	640	2.13	0.05	0.30	<0.02	10.25	4.1	36	3.73
E844858		0.57	<0.005		0.02	7.74	1.2	480	1.93	0.03	0.29	<0.02	31.40	2.5	28	3.27
E844859		4.91	0.006		0.02	8.85	1.1	1230	3.08	0.15	0.16	<0.02	65.10	8.9	45	7.17
E844860		3.30	<0.005		0.02	8.43	1.2	860	2.52	0.02	0.17	<0.02	61.70	6.1	46	5.64
E844861		1.40	<0.005		0.02	7.55	1.4	130	1.43	0.02	0.72	0.02	5.17	8.6	28	0.81
E844862		1.13	0.007		0.02	8.30	1.3	420	1.93	0.03	0.41	<0.02	25.90	3.5	27	2.38
E844863		2.53	<0.005		0.01	9.23	2.7	1300	3.09	0.03	0.08	<0.02	64.20	2.6	36	6.63
E844864		2.08	0.008		0.02	7.83	1.7	350	1.34	0.21	1.17	0.03	19.75	9.3	28	1.91
E844865		2.97	0.007		0.02	7.64	1.1	900	2.26	0.03	0.97	<0.02	58.90	9.4	45	4.56
E844866		0.65	0.013		0.08	9.08	1.2	130	1.15	0.97	0.60	0.02	33.10	20.6	22	0.66
E844867		1.28	0.008		0.03	7.68	0.8	380	1.41	0.16	0.16	0.02	10.45	13.7	39	2.49
E844868		0.05	0.008		0.02	0.07	0.2	10	<0.05	<0.01	0.01	<0.02	2.39	0.1	<1	<0.05
E844869		1.40	0.010		0.03	8.25	1.1	240	1.36	0.07	0.93	<0.02	4.29	6.2	44	1.53
E844870		4.53	<0.005		0.01	8.14	1.0	1180	3.27	0.05	0.27	0.02	117.00	2.0	41	7.17
E844871		1.52	0.010		0.01	8.83	0.9	720	2.34	0.09	0.19	0.03	80.40	5.1	40	4.54
E844872		3.65	0.007		<0.01	9.36	0.9	1210	3.31	0.03	0.23	<0.02	136.00	4.8	52	7.58
E844873		5.31	0.005		<0.01	10.65	1.5	1230	3.55	0.04	0.17	<0.02	83.50	5.0	56	6.97
E844874		6.36	0.006		<0.01	10.45	1.1	1810	4.39	0.45	0.12	<0.02	110.00	4.0	57	7.68
E844875		3.60	0.008		0.01	9.58	1.8	1770	3.91	0.16	0.18	<0.02	123.00	4.1	51	6.88
E844876		5.49	<0.005		<0.01	12.15	1.8	3120	4.83	0.03	0.11	<0.02	65.40	5.3	64	11.90
E844877		3.30	0.011		0.02	9.54	2.2	2030	3.76	0.57	0.22	<0.02	128.50	27.8	49	12.75
E844878		4.04	0.008		0.01	10.85	1.9	1680	4.30	0.19	0.12	<0.02	121.50	10.5	62	15.45
E844879		1.04	0.006		0.01	10.80	1.4	1380	4.38	0.03	0.10	<0.02	140.00	4.3	63	17.30
E844880		1.18	0.006		<0.01	10.75	1.4	1360	4.45	0.03	0.10	<0.02	138.00	5.4	62	17.50
E844881		5.26	0.005		0.01	10.45	3.3	1290	3.83	0.05	0.11	<0.02	108.50	20.1	61	16.55
E844882		5.92	0.006		0.10	11.85	1.1	1680	4.83	0.01	0.12	<0.02	14.10	3.2	68	20.30

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844843		40.2	5.90	26.90	0.15	3.2	0.110	4.68	55.0	15.0	0.49	167	1.26	0.18	2.7	25.0
E844844		6.0	5.05	28.80	0.17	3.6	0.139	5.25	67.4	11.6	0.45	79	0.67	0.21	4.7	28.9
E844845		7.3	4.28	27.20	0.16	3.8	0.124	4.95	60.2	15.0	0.54	89	0.42	0.23	5.3	28.3
E844846		8.6	3.83	26.10	0.17	3.7	0.138	4.94	66.3	11.8	0.43	104	0.43	0.24	6.6	24.5
E844847		5.3	4.39	27.60	0.19	3.9	0.128	4.70	66.9	11.7	0.47	127	0.91	0.27	5.4	26.7
E844848		3.8	3.52	27.00	0.14	4.0	0.088	4.29	50.5	16.6	0.69	258	0.36	1.10	6.2	26.6
E844849		15.6	3.67	19.45	0.07	2.9	0.057	3.03	18.5	15.4	0.56	231	1.17	0.32	4.3	26.6
E844850		8.3	5.57	29.30	0.12	3.5	0.086	4.68	22.3	10.2	0.45	88	0.89	0.34	5.6	30.8
E844851		8.4	5.15	27.80	0.16	3.8	0.074	4.37	48.7	14.2	0.54	122	1.69	0.26	4.8	33.4
E844852		4.9	4.91	29.90	0.14	4.5	0.082	4.92	33.2	15.3	0.61	106	0.57	0.27	6.1	32.6
E844853		3.3	3.01	29.60	0.16	4.5	0.078	4.67	63.5	15.2	0.62	80	0.26	0.26	6.7	28.4
E844854		5.2	2.99	23.90	0.11	3.4	0.059	3.46	40.7	14.1	0.63	125	0.29	1.23	6.0	28.7
E844855		5.8	3.34	13.60	0.07	1.2	0.008	0.65	7.6	11.8	0.47	332	0.66	5.80	2.3	22.4
E844856		6.1	3.02	22.70	0.09	2.1	0.064	3.04	20.0	12.9	0.59	118	0.25	1.10	4.9	22.1
E844857		3.4	3.69	19.10	0.08	1.3	0.044	2.20	5.0	10.9	0.52	262	0.74	2.29	4.1	27.3
E844858		3.4	2.11	14.90	0.06	0.8	0.034	1.45	16.0	9.3	0.29	223	0.45	3.24	2.7	13.0
E844859		4.0	4.22	25.80	0.10	2.1	0.122	3.67	34.7	7.7	0.34	69	1.19	0.57	4.9	21.6
E844860		2.7	5.14	21.80	0.12	1.4	0.082	2.53	31.2	12.9	0.77	159	0.51	1.66	4.3	40.9
E844861		5.6	4.06	13.20	0.11	1.2	0.013	0.31	2.6	20.9	1.05	1055	2.01	5.54	3.7	50.7
E844862		9.0	2.33	15.25	0.09	5.1	0.029	1.31	12.5	10.9	0.39	377	0.63	4.90	9.5	22.3
E844863		2.0	3.13	24.90	0.10	3.6	0.107	3.58	32.9	10.3	0.44	102	0.31	0.93	6.9	19.1
E844864		18.7	4.38	13.05	0.10	1.2	0.031	1.03	9.8	16.2	0.75	978	3.43	3.57	3.0	33.5
E844865		3.1	4.62	21.00	0.11	2.2	0.090	2.72	30.6	18.6	0.92	944	3.30	0.75	5.5	34.0
E844866		16.1	3.31	10.05	0.16	0.8	0.016	0.45	17.5	14.4	0.42	659	1.78	5.74	2.3	19.9
E844867		5.3	5.67	15.45	0.15	0.9	0.030	1.46	5.2	35.9	0.91	478	1.25	2.13	2.9	54.9
E844868		0.5	0.02	0.18	0.06	0.7	0.018	0.01	1.4	2.2	<0.01	<5	0.07	0.01	0.2	0.5
E844869		34.3	5.97	13.20	0.17	1.3	0.028	0.77	2.2	25.6	0.76	1060	10.75	4.00	3.7	46.7
E844870		5.6	2.84	25.70	0.25	1.9	0.113	3.54	62.1	11.6	0.38	182	1.16	0.39	4.7	16.5
E844871		4.2	4.23	22.80	0.22	1.9	0.056	2.17	42.4	26.2	0.68	207	0.68	2.46	4.2	37.2
E844872		2.6	4.38	28.00	0.28	2.2	0.113	3.75	68.9	23.8	0.64	292	0.78	0.77	4.7	32.9
E844873		10.9	3.32	29.40	0.21	2.8	0.110	3.64	41.9	18.3	0.54	137	0.85	2.07	6.4	27.0
E844874		6.6	2.96	31.30	0.27	2.7	0.090	4.69	59.4	14.7	0.37	42	0.89	0.28	5.7	16.2
E844875		9.5	3.88	25.30	0.27	3.7	0.108	3.72	67.5	16.0	0.34	110	6.91	1.14	6.3	28.1
E844876		10.4	5.08	36.70	0.24	3.7	0.141	5.42	33.5	20.2	0.52	109	0.86	0.27	5.5	40.5
E844877		24.1	4.15	28.50	0.29	3.1	0.102	4.12	66.4	18.4	0.49	173	1.30	0.19	5.2	36.2
E844878		168.0	3.85	32.40	0.29	3.6	0.099	4.91	64.2	16.1	0.43	96	4.66	0.23	6.3	30.5
E844879		41.6	5.32	30.10	0.32	2.5	0.096	4.92	69.7	11.9	0.33	37	1.78	0.22	4.1	35.7
E844880		45.7	5.01	30.60	0.33	2.6	0.088	4.78	71.7	12.4	0.33	42	1.68	0.21	4.5	34.3
E844881		30.4	5.35	29.40	0.29	2.4	0.084	4.68	56.1	12.8	0.34	74	1.07	0.21	4.6	27.4
E844882		4.7	2.79	36.60	0.16	3.5	0.088	5.69	6.4	11.9	0.35	56	0.68	0.26	7.9	16.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844843		490	2.6	327.0	<0.002	0.07	1.33	11.8	1	3.7	17.5	0.17	0.06	22.6	0.148	0.94
E844844		470	2.4	361.0	<0.002	<0.01	0.53	13.9	1	3.8	17.5	0.29	0.07	25.3	0.165	0.93
E844845		510	2.2	350.0	<0.002	<0.01	0.47	14.0	1	3.6	15.1	0.33	<0.05	23.8	0.167	0.89
E844846		460	2.3	346.0	<0.002	<0.01	0.58	12.7	1	3.5	12.1	0.45	0.05	23.2	0.194	0.72
E844847		400	2.7	311.0	<0.002	0.01	0.72	13.3	1	3.8	14.4	0.35	0.07	23.7	0.199	0.56
E844848		480	3.2	301.0	<0.002	<0.01	0.67	14.6	1	4.2	18.0	0.41	0.06	23.8	0.232	0.57
E844849		420	3.3	200.0	<0.002	<0.01	0.71	10.9	1	3.3	13.3	0.27	0.15	13.4	0.145	0.41
E844850		380	2.7	313.0	<0.002	<0.01	0.56	13.7	1	5.3	16.4	0.32	<0.05	21.4	0.172	0.62
E844851		390	2.6	295.0	<0.002	0.17	0.57	13.4	2	5.6	14.2	0.28	0.33	20.2	0.160	0.57
E844852		410	2.7	331.0	<0.002	<0.01	0.64	14.1	1	6.7	15.3	0.35	0.08	22.5	0.187	0.61
E844853		550	2.9	303.0	<0.002	<0.01	0.50	15.1	1	6.7	15.6	0.39	0.05	23.3	0.188	0.59
E844854		400	3.7	236.0	<0.002	<0.01	0.48	10.5	1	6.0	30.2	0.38	0.06	24.5	0.185	0.39
E844855		280	4.1	48.8	<0.002	<0.01	0.41	2.3	1	1.5	73.3	0.17	<0.05	7.5	0.118	0.09
E844856		360	3.1	209.0	<0.002	<0.01	0.36	12.4	1	5.9	25.5	0.32	<0.05	16.2	0.180	0.41
E844857		230	3.4	152.0	<0.002	<0.01	0.39	9.3	1	4.5	36.8	0.27	<0.05	14.4	0.130	0.28
E844858		400	4.8	100.5	<0.002	<0.01	0.44	6.4	1	2.8	44.0	0.18	<0.05	10.7	0.082	0.21
E844859		400	3.2	243.0	<0.002	0.03	0.36	13.8	1	5.9	24.0	0.30	0.10	19.1	0.145	0.49
E844860		280	3.5	165.0	<0.002	<0.01	0.37	11.2	1	4.3	34.7	0.28	<0.05	25.3	0.122	0.35
E844861		170	3.1	19.0	<0.002	<0.01	0.48	1.8	1	0.8	68.7	0.26	<0.05	21.7	0.070	0.05
E844862		460	4.5	94.8	<0.002	<0.01	0.54	5.8	1	2.7	60.1	0.66	<0.05	33.9	0.167	0.19
E844863		180	3.3	234.0	<0.002	<0.01	0.37	13.8	1	5.2	20.5	0.43	<0.05	21.0	0.162	0.47
E844864		260	4.2	79.5	<0.002	0.01	0.58	5.0	1	2.0	38.5	0.21	0.13	14.4	0.088	0.15
E844865		280	2.9	180.5	<0.002	0.01	0.46	12.0	1	4.5	17.7	0.35	<0.05	21.2	0.121	0.38
E844866		150	5.6	37.2	<0.002	0.07	0.74	1.7	1	0.8	62.3	0.18	0.57	5.3	0.061	0.09
E844867		80	2.8	107.5	<0.002	0.03	1.03	4.7	1	2.6	24.4	0.22	0.10	14.0	0.096	0.24
E844868		10	0.9	0.5	0.002	0.01	<0.05	0.2	1	<0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02
E844869		70	4.3	51.2	<0.002	<0.01	0.71	4.6	1	1.7	53.8	0.29	0.07	19.7	0.119	0.12
E844870		440	2.8	222.0	<0.002	<0.01	0.55	13.0	1	4.7	17.9	0.29	0.06	18.7	0.142	0.47
E844871		660	3.7	137.5	<0.002	<0.01	0.46	9.3	1	4.1	35.4	0.28	0.07	19.8	0.150	0.33
E844872		550	2.8	231.0	<0.002	<0.01	0.78	16.1	1	5.3	21.4	0.30	0.05	19.2	0.158	0.50
E844873		530	2.8	222.0	0.002	<0.01	0.58	14.4	2	4.8	29.0	0.41	0.06	21.8	0.191	0.49
E844874		590	2.3	300.0	<0.002	0.01	0.49	15.2	2	5.2	15.5	0.36	0.31	19.7	0.221	0.58
E844875		650	3.3	234.0	<0.002	<0.01	0.74	12.6	1	4.1	23.3	0.44	0.12	21.9	0.190	0.50
E844876		280	2.7	361.0	0.002	0.01	0.74	18.4	1	6.4	21.7	0.33	0.06	22.1	0.184	0.97
E844877		400	2.5	303.0	<0.002	0.10	0.74	13.8	2	5.2	18.4	0.32	0.39	18.4	0.131	1.05
E844878		400	2.4	361.0	0.002	0.02	0.85	16.8	2	6.2	20.9	0.43	0.13	18.3	0.159	1.37
E844879		540	2.3	371.0	<0.002	<0.01	0.62	16.4	2	4.1	21.6	0.27	0.06	20.5	0.130	1.53
E844880		540	2.1	363.0	0.002	<0.01	0.65	16.4	1	4.3	21.4	0.31	0.06	19.9	0.136	1.48
E844881		550	2.4	352.0	0.002	0.03	1.15	15.8	1	4.0	20.8	0.30	0.05	19.0	0.203	1.41
E844882		430	2.2	411.0	<0.002	<0.01	0.75	21.4	1	5.0	25.8	0.52	<0.05	21.6	0.207	1.78

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Zn-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Zn	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01	0.01
E844843		5.2	71	4.2	11.4	17	97.9			
E844844		4.1	79	4.7	13.4	5	112.0			
E844845		4.4	73	4.4	15.2	5	124.0			
E844846		4.1	75	5.4	14.6	4	118.5			
E844847		4.6	71	6.8	14.9	7	131.5			
E844848		4.9	75	4.5	14.5	10	128.5			
E844849		3.1	53	4.1	9.2	14	92.8			
E844850		6.2	75	6.0	11.3	8	118.0			
E844851		4.8	70	7.4	12.7	15	124.0			
E844852		5.0	74	8.7	14.5	17	151.5			
E844853		6.4	73	8.0	15.2	10	151.5			
E844854		5.0	56	9.9	13.3	11	115.5			
E844855		8.0	26	3.5	8.5	14	41.8			
E844856		5.7	61	7.7	7.4	12	69.0			
E844857		1.9	50	7.4	4.3	14	42.1			
E844858		1.2	30	6.1	3.5	16	27.5			
E844859		2.2	65	7.9	7.5	6	70.1			
E844860		2.1	57	6.1	4.7	12	49.0			
E844861		2.7	21	4.3	4.7	25	40.5			
E844862		4.5	26	7.0	13.3	14	169.0			
E844863		3.2	60	5.9	9.7	8	120.0			
E844864		9.4	30	3.8	6.5	22	40.7			
E844865		2.8	55	5.8	7.9	21	70.9			
E844866		0.9	15	2.3	3.2	21	29.4			
E844867		1.7	37	4.2	2.3	36	32.0			
E844868		0.2	1	<0.1	1.7	2	22.2			
E844869		3.1	33	3.4	3.8	27	44.5			
E844870		2.1	53	4.0	7.9	5	60.5			
E844871		2.2	45	4.6	7.5	21	62.8			
E844872		2.1	68	4.3	9.2	16	74.8			
E844873		3.3	64	5.9	9.1	10	88.9			
E844874		3.1	78	5.5	13.3	4	92.1			
E844875		10.8	62	5.0	16.2	5	121.0			
E844876		6.5	89	5.4	12.9	8	126.0			
E844877		3.8	68	6.1	13.2	10	97.9			
E844878		4.8	82	9.5	12.9	7	117.0			
E844879		3.5	84	3.4	10.3	4	83.6			
E844880		3.6	82	3.6	10.6	4	87.6			
E844881		3.1	84	3.7	9.9	5	78.2			
E844882		3.8	92	3.0	8.7	4	113.0			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844883		4.40	0.008		0.02	11.15	1.1	1340	3.66	0.05	0.26	<0.02	90.60	4.5	59	16.30
E844884		5.22	0.007		<0.01	11.20	1.4	1320	4.13	0.05	0.14	0.02	131.50	5.6	62	19.65
E844885		0.07	0.006		0.02	0.07	0.6	10	<0.05	<0.01	0.01	<0.02	2.80	0.1	<1	0.05
E846401		1.45	0.007		0.06	7.01	14.6	460	2.11	0.39	0.43	<0.02	31.60	25.9	50	2.76
E846402		1.35	<0.005		0.02	8.50	2.5	520	2.57	0.09	0.15	<0.02	69.40	3.8	55	2.44
E846403		2.14	0.005		0.01	8.61	2.1	450	2.71	0.09	0.09	<0.02	73.80	4.1	59	2.65
E846404		2.73	0.006		0.03	8.72	7.3	500	2.66	0.28	0.71	<0.02	51.50	12.3	58	3.33
E846405		1.21	0.009		0.08	6.65	16.4	350	1.39	0.41	3.58	0.02	227.00	35.9	37	1.88
E846406		2.85	0.006		0.01	10.35	2.7	680	3.14	0.08	0.07	<0.02	53.50	5.7	75	3.65
E846407		3.22	0.008		0.08	8.24	13.6	1040	1.69	0.45	3.55	<0.02	214.00	39.4	49	2.05
E846408		2.20	0.014		0.30	7.92	33.0	830	4.61	0.37	4.41	0.02	83.90	18.0	42	2.19
E846409		2.63	0.357		8.74	2.47	299	400	1.19	2.05	12.15	0.03	49.90	184.5	14	0.84
E846410		2.48	0.028		0.58	7.96	48.6	330	3.87	0.44	3.72	0.03	89.60	178.0	36	3.55
E846411		3.17	0.006		0.14	6.69	15.5	3610	3.35	0.24	5.76	<0.02	76.70	18.4	36	1.86
E846412		1.92	0.008		0.08	5.22	5.7	320	1.97	0.10	7.83	<0.02	63.20	10.2	26	1.10
E846413		3.59	0.008		0.10	5.70	14.1	260	1.86	0.52	6.62	<0.02	72.00	23.9	25	1.21
E846414		1.88	0.005		0.04	6.63	7.1	260	2.39	0.19	6.58	<0.02	87.20	26.8	25	1.32
E846415		1.95	0.006		0.11	6.03	6.2	80	1.09	0.34	7.09	<0.02	78.50	24.7	26	0.55
E846416		1.16	0.006		0.12	0.33	5	30	0.14	0.10	18.10	0.03	40.30	12.8	10	0.36
E846417		2.21	0.007		0.14	0.48	8	40	0.32	0.10	17.55	0.03	489.00	19.3	27	0.42
E846418		3.63	0.011		0.26	9.21	12.4	170	1.53	0.50	0.47	<0.02	53.00	63.1	78	0.92
E846419		1.86	0.010		0.22	4.52	5.3	40	0.40	0.25	9.75	<0.02	218.00	42.5	26	0.33
E846420		1.99	0.009		0.20	6.67	4.7	30	0.42	0.22	7.91	0.02	37.60	38.9	24	0.30
E846421		1.87	0.032		0.47	2.74	17	30	0.24	0.70	13.75	0.02	>500	67.9	16	0.29
E846298		3.30	0.007		0.06	8.66	11.1	510	1.63	0.41	2.47	<0.02	162.50	21.7	48	2.74
E846299		2.82	0.007		0.01	10.40	1.5	390	3.50	0.14	0.20	<0.02	121.00	6.1	63	3.28
E846300		2.07	<0.005		<0.01	9.77	1.3	310	3.32	0.08	0.49	<0.02	117.00	2.2	49	1.32
E839789		1.43	<0.005		0.08	7.64	1.7	100	1.02	0.07	6.11	0.03	64.80	5.1	25	0.44
E839962		1.74	<0.005		0.32	1.39	82	50	0.64	5.79	15.70	0.45	8.07	16.5	1	0.27
E839963		1.46	<0.005		0.37	1.13	23	50	0.39	4.46	17.50	1.02	6.93	5.1	<1	0.16
E846307		0.73	<0.005		0.02	9.99	2.0	930	2.89	0.13	0.37	0.02	90.10	6.5	56	6.94
E846308		0.93	0.231		0.09	4.33	2.2	240	1.04	1.53	1.44	0.06	29.60	12.4	27	2.36
E846309		0.87	<0.005		0.02	9.86	1.2	900	3.43	0.05	0.15	<0.02	114.00	9.4	60	8.60
E846310		0.66	<0.005		0.04	6.78	3.0	50	0.67	0.16	0.19	0.03	11.80	10.6	23	0.85
E846311		0.68	<0.005		0.01	7.43	1.2	120	1.19	0.12	1.09	0.02	92.40	6.9	49	1.65
E846312		0.72	<0.005		0.02	5.26	1.8	30	0.42	0.10	0.46	0.03	19.50	5.0	25	0.54
E846313		0.78	<0.005		0.26	8.33	2.4	170	2.87	0.02	2.35	0.25	18.95	8.7	30	2.82
E846314		0.83	<0.005		0.22	7.90	4.2	190	3.14	0.15	3.25	0.02	37.00	5.7	24	4.02
E846315		0.81	<0.005		0.02	8.98	3.0	530	4.25	0.16	2.32	0.02	89.70	11.4	47	18.60
E847201		0.68	<0.005		2.53	0.23	39	30	0.15	2.54	17.90	0.35	7.97	1.5	<1	0.21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844883		9.1	4.55	26.10	0.22	2.6	0.072	4.88	45.8	11.2	0.45	125	1.42	0.23	3.9	29.4
E844884		6.1	4.46	30.80	0.32	2.7	0.075	4.83	64.1	12.9	0.48	89	1.07	0.23	5.5	30.4
E844885		1.0	0.01	0.20	0.07	0.7	<0.005	0.01	1.5	1.8	<0.01	<5	<0.05	<0.01	0.1	0.5
E846401		6.2	3.28	21.00	0.17	1.8	0.074	2.50	17.4	44.0	1.35	741	2.56	0.72	2.2	34.5
E846402		4.9	0.89	24.10	0.19	2.1	0.052	3.47	36.2	10.6	0.30	50	0.70	1.08	3.4	9.2
E846403		4.1	0.92	24.10	0.17	2.2	0.055	3.71	38.8	8.7	0.25	65	0.72	0.68	4.2	11.0
E846404		12.6	1.38	25.00	0.16	2.5	0.070	4.18	29.8	10.4	0.49	690	2.44	0.12	5.0	12.7
E846405		9.2	5.69	16.70	0.45	1.5	0.108	1.79	130.0	30.0	1.71	4260	3.39	1.90	3.3	33.0
E846406		5.1	1.29	28.70	0.16	2.7	0.074	4.99	25.9	10.4	0.32	93	0.77	0.24	6.1	13.4
E846407		5.8	4.29	21.20	0.43	2.0	0.103	2.01	121.5	25.9	1.59	4350	6.53	3.07	4.4	26.5
E846408		485.0	2.30	21.00	0.26	3.0	0.110	3.68	44.6	19.9	1.96	3070	8.12	0.13	8.2	12.5
E846409		>10000	10.20	6.23	0.29	0.8	1.015	1.07	25.8	6.7	5.11	9590	43.30	0.06	1.6	42.4
E846410		1425.0	4.01	20.40	0.28	3.0	0.120	3.48	49.1	31.9	2.11	3890	19.90	0.13	5.9	24.9
E846411		90.3	2.78	17.35	0.27	2.6	0.095	2.96	42.8	17.7	2.71	4410	5.96	0.31	7.0	10.5
E846412		111.0	3.31	12.40	0.21	2.3	0.069	1.98	33.5	9.6	3.33	7210	2.78	0.70	4.0	7.8
E846413		90.8	3.15	14.75	0.23	2.0	0.075	2.60	40.3	10.5	2.89	6300	19.10	0.08	4.1	10.7
E846414		36.3	2.99	16.85	0.23	2.5	0.072	2.54	49.4	14.5	2.91	5960	12.90	0.87	5.9	9.5
E846415		8.8	3.36	16.95	0.20	3.1	0.032	0.52	52.1	9.5	2.86	5270	30.70	3.54	8.7	10.0
E846416		10.4	7.55	1.51	0.17	0.7	0.065	0.04	28.3	2.5	7.51	11550	27.30	0.19	2.5	10.8
E846417		10.4	6.82	4.94	0.56	2.2	0.071	0.09	311.0	5.0	7.41	11050	26.10	0.19	10.1	12.3
E846418		10.7	1.59	25.90	0.17	5.0	0.029	0.80	36.9	8.6	0.25	370	39.30	6.43	17.2	10.4
E846419		6.7	4.78	11.75	0.29	3.2	0.041	0.10	149.0	3.7	3.60	7190	36.60	3.14	14.7	9.6
E846420		6.2	3.77	15.15	0.13	2.2	0.039	0.10	27.6	3.0	3.03	5770	22.20	4.70	10.6	9.7
E846421		6.9	9.28	14.05	0.64	0.5	0.059	0.05	421.0	4.6	4.90	11050	115.00	1.85	7.8	26.7
E846298		7.5	3.55	21.30	0.33	2.5	0.087	1.40	92.2	61.9	1.77	3280	5.58	3.55	4.1	27.9
E846299		7.1	0.81	29.60	0.25	3.1	0.041	3.58	63.3	18.5	0.39	121	1.97	2.45	7.5	9.0
E846300		5.0	0.71	29.30	0.26	3.0	0.044	1.99	66.6	13.4	0.40	462	2.90	5.12	7.2	7.0
E839789		6.5	2.25	17.05	0.23	2.2	0.052	0.39	38.1	9.1	2.40	4750	35.30	5.08	7.0	10.6
E839962		43.9	4.49	2.88	0.11	0.9	0.176	0.66	3.8	7.5	7.40	7730	11.15	0.04	2.0	6.3
E839963		6.9	3.78	2.42	0.10	0.8	0.102	0.50	3.4	3.0	9.13	6160	3.53	0.03	1.1	1.5
E846307		3.7	3.47	29.30	0.26	1.8	0.050	3.87	42.4	22.2	0.96	244	0.48	0.29	4.1	34.3
E846308		131.5	2.47	11.15	0.16	0.7	0.021	1.13	14.4	45.5	1.28	787	1.90	0.12	2.9	21.0
E846309		8.1	3.88	27.80	0.30	2.1	0.047	3.53	56.4	25.0	0.95	184	0.37	0.34	5.0	42.4
E846310		>10000	3.16	13.05	0.13	0.5	0.035	0.14	5.6	45.1	1.06	545	1.10	3.74	3.9	19.7
E846311		534.0	5.01	16.45	0.25	1.1	0.016	0.69	47.5	29.9	0.86	691	0.43	3.53	3.2	12.5
E846312		84.8	4.27	8.65	0.15	0.5	0.005	0.12	12.3	24.7	0.61	520	0.20	3.00	2.8	8.1
E846313		9.7	2.21	18.55	0.17	1.1	0.030	1.09	9.2	41.5	1.09	1410	0.54	4.03	9.7	19.4
E846314		114.0	1.47	17.10	0.19	1.5	0.038	1.11	16.5	29.4	0.68	1490	0.17	4.32	19.1	12.3
E846315		4.4	3.68	26.60	0.29	2.6	0.114	3.10	46.0	58.9	1.33	1805	0.51	1.02	12.9	41.5
E847201		40.7	6.04	2.77	0.14	0.1	0.037	0.11	4.2	2.6	10.65	1420	0.40	0.03	0.3	5.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844883		520	2.3	353.0	<0.002	0.01	0.54	14.0	1	3.3	22.1	0.24	0.06	18.4	0.165	1.44
E844884		570	2.3	373.0	<0.002	0.01	0.62	16.9	2	3.8	29.2	0.30	0.05	20.8	0.236	1.80
E844885		10	0.8	0.9	<0.002	0.01	<0.05	0.2	1	<0.2	1.8	<0.05	<0.05	0.5	0.005	<0.02
E846401		420	2.1	137.0	<0.002	0.22	0.93	11.2	1	2.4	10.1	0.14	0.06	14.1	0.112	0.27
E846402		440	1.5	174.5	0.002	0.03	1.48	11.0	1	2.7	13.3	0.24	<0.05	15.9	0.152	0.32
E846403		270	1.5	181.5	<0.002	0.03	1.10	10.5	1	2.6	9.9	0.30	0.05	15.1	0.170	0.33
E846404		370	1.3	204.0	<0.002	0.12	0.96	9.3	1	2.8	8.3	0.33	0.05	14.8	0.193	0.32
E846405		640	1.8	90.2	<0.002	0.48	1.06	9.6	2	2.2	18.9	0.25	0.09	13.4	0.156	0.20
E846406		210	1.1	249.0	<0.002	0.03	1.10	11.8	1	3.8	8.7	0.40	0.05	15.3	0.242	0.38
E846407		650	2.0	97.9	<0.002	0.32	1.38	11.2	2	2.6	30.3	0.31	0.10	14.2	0.160	0.23
E846408		550	1.9	166.5	<0.002	0.28	0.69	11.0	2	4.2	28.6	0.54	0.05	12.0	0.224	0.86
E846409		160	6.5	47.7	0.006	2.53	1.76	4.0	3	2.8	47.7	0.10	0.62	3.5	0.047	0.27
E846410		470	2.3	157.0	0.002	0.76	0.96	9.6	2	4.7	18.4	0.36	0.10	12.6	0.174	0.79
E846411		450	1.8	130.0	0.002	0.29	0.63	9.0	1	3.4	50.0	0.45	<0.05	10.7	0.183	0.65
E846412		420	1.0	91.8	<0.002	0.10	0.35	7.7	1	1.8	31.5	0.25	<0.05	8.5	0.130	0.44
E846413		480	1.2	109.0	<0.002	0.28	0.54	7.9	1	3.1	25.6	0.23	0.09	8.9	0.137	0.55
E846414		570	1.5	109.5	<0.002	0.11	0.52	11.7	2	4.5	32.3	0.34	0.06	10.5	0.163	0.54
E846415		660	2.1	26.7	<0.002	0.12	0.74	13.1	1	4.0	47.4	0.46	0.12	10.4	0.156	0.17
E846416		260	3.3	2.2	0.002	0.02	0.41	18.4	2	0.9	84.4	0.08	0.07	2.6	0.029	0.11
E846417		1680	4.3	4.6	<0.002	0.03	1.03	25.0	3	3.3	74.3	0.33	0.06	21.8	0.107	0.13
E846418		540	3.5	44.4	0.018	0.78	1.80	15.3	2	18.1	31.7	0.90	0.41	12.8	0.351	0.31
E846419		1590	4.0	4.6	0.003	0.24	1.50	10.2	2	6.6	52.5	0.58	0.20	22.1	0.165	0.10
E846420		980	3.2	4.3	<0.002	0.45	1.06	8.1	2	6.4	45.6	0.54	0.22	10.3	0.143	0.08
E846421		2440	3.1	2.1	0.014	1.16	0.57	11.4	4	2.3	74.4	0.15	0.90	8.7	0.034	0.06
E846298		630	1.3	84.6	<0.002	0.16	1.49	12.0	1	2.0	27.2	0.31	0.06	17.8	0.127	0.25
E846299		480	1.1	173.5	<0.002	0.02	1.38	14.6	1	4.2	15.1	0.52	<0.05	19.2	0.248	0.31
E846300		290	1.1	104.0	<0.002	0.01	1.39	16.3	1	3.1	28.3	0.53	<0.05	20.4	0.196	0.19
E839789		970	2.1	20.7	<0.002	0.01	1.12	7.1	2	2.1	32.6	0.49	0.05	14.5	0.149	0.10
E839962		1510	24.6	34.2	0.088	0.26	2.68	1.5	2	0.4	53.0	0.11	0.06	2.4	0.033	3.72
E839963		180	28.5	21.4	0.041	0.35	0.87	1.2	2	0.2	55.8	0.06	0.08	1.9	0.022	0.48
E846307		710	8.2	236.0	<0.002	0.01	0.55	17.2	1	3.2	63.4	0.30	<0.05	18.3	0.203	0.97
E846308		370	10.9	74.8	<0.002	0.01	0.94	6.2	2	1.3	28.5	0.23	0.54	12.5	0.099	0.30
E846309		520	8.4	223.0	<0.002	<0.01	0.53	15.7	2	3.2	75.3	0.44	<0.05	19.6	0.222	0.91
E846310		480	3.2	10.5	<0.002	<0.01	0.53	6.2	1	1.1	27.6	0.34	0.06	9.7	0.095	0.07
E846311		870	6.0	44.1	<0.002	<0.01	0.76	12.4	1	2.0	37.5	0.29	0.16	13.9	0.211	0.16
E846312		450	4.0	8.9	<0.002	<0.01	0.55	4.3	1	1.0	24.0	0.21	0.16	7.8	0.137	0.05
E846313		550	4.5	89.5	<0.002	0.09	0.88	6.1	1	1.8	75.9	0.70	<0.05	7.1	0.238	0.28
E846314		510	13.1	85.9	<0.002	<0.01	2.38	5.4	2	2.2	77.6	1.25	<0.05	21.1	0.273	0.33
E846315		650	3.8	236.0	<0.002	<0.01	2.21	14.3	2	3.2	43.0	0.97	0.06	19.0	0.273	0.96
E847201		30	54.0	4.2	<0.002	6.66	8.33	0.4	2	<0.2	27.2	<0.05	0.05	0.3	0.005	0.07

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Zn-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Zn	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01	0.01
E844883		2.9	82	1.9	10.1	6	81.4			
E844884		3.4	87	2.5	11.0	6	90.0			
E844885		0.2	<1	<0.1	1.7	2	23.5			
E846401		2.5	65	1.7	8.7	31	56.5			
E846402		1.6	70	1.7	9.6	5	66.7			
E846403		1.9	62	1.5	9.6	6	71.9			
E846404		3.0	66	1.8	11.8	6	82.8			
E846405		5.1	63	2.7	13.5	14	52.1			
E846406		2.2	87	2.0	10.5	5	89.9			
E846407		4.1	68	3.4	13.6	12	70.1			
E846408		4.2	65	4.2	18.2	6	105.5			
E846409		11.0	33	1.2	9.2	8	29.7	1.325		
E846410		7.5	54	3.6	17.0	18	98.1			
E846411		3.9	55	2.9	15.8	7	92.9			
E846412		2.3	48	2.1	15.3	4	71.2			
E846413		4.5	49	2.6	14.7	4	70.2			
E846414		4.5	57	4.0	16.4	4	81.7			
E846415		4.7	69	12.2	15.2	8	95.1			
E846416		5.8	18	5.2	10.8	12	23.2			
E846417		20.4	57	21.2	30.2	15	73.1			
E846418		13.4	218	40.8	12.3	4	167.5			
E846419		8.5	51	32.0	23.1	11	110.5			
E846420		5.0	61	28.6	13.4	9	80.3			
E846421		3.1	466	10.2	23.7	15	17.5			
E846298		3.7	72	3.3	14.0	22	89.4			
E846299		2.5	94	3.6	11.7	3	108.5			
E846300		2.0	99	3.3	12.1	4	100.5			
E839789		25.5	45	8.2	16.4	9	75.4			
E839962		184.5	9	2.5	5.7	375	39.1			
E839963		240.0	5	0.8	4.7	710	30.1			
E846307		8.2	93	0.9	6.9	14	66.2			
E846308		169.0	49	0.7	10.0	36	23.0			
E846309		3.4	87	0.9	8.7	12	74.2			
E846310		8.7	44	0.7	6.3	18	15.5	1.355		
E846311		57.0	115	1.3	9.2	14	32.7			
E846312		19.5	57	0.8	5.7	19	17.2			
E846313		5.1	35	4.3	10.8	215	37.5			
E846314		152.0	35	7.4	25.6	25	54.0			
E846315		3.8	77	2.6	35.6	61	92.1			
E847201		0.5	3	0.1	5.6	203	2.2			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E847202		0.81	<0.005		0.13	4.41	7	290	1.88	0.15	10.20	0.02	47.70	11.8	21	3.58
E847203		0.82	<0.005		0.35	0.21	9	30	0.15	0.03	19.70	0.05	12.40	2.1	<1	0.22
E847204		0.97	<0.005		1.67	0.09	71.3	20	0.19	0.48	5.94	1.42	2.63	16.4	2	0.18
E847205		1.22	<0.005		4.13	0.11	33.6	10	0.09	0.07	0.45	16.20	0.84	4.6	9	0.12
E847206		1.05	<0.005		3.27	0.48	44	60	0.17	0.04	10.60	98.20	9.14	3.9	2	0.19
E847207		0.86	<0.005		26.60	0.42	245.0	60	0.07	0.04	0.05	2.69	4.16	0.4	1	0.16
E847208		1.06	0.008		14.35	0.08	225.0	20	0.06	0.07	4.31	59.20	3.45	2.8	<1	0.14
E847209		0.90	<0.005		7.40	0.19	269.0	40	0.07	0.09	2.35	5.54	3.20	3.1	2	0.10
E847210		0.96	<0.005		1.97	0.23	62	20	0.14	0.01	12.80	45.20	11.45	2.2	1	0.12
E847211		1.48	<0.005		2.09	5.79	6.3	560	1.02	0.37	7.05	0.07	58.30	4.9	26	1.52
E847212		1.18	0.813		46.40	6.11	26.9	880	1.11	25.50	5.69	<0.02	161.00	9.6	31	1.25
E847213		1.27	>10.0	17.30	8.92	6.51	34.6	440	1.81	6.60	5.70	0.05	356.00	19.9	30	1.29
E847214		0.62	0.053		0.65	6.79	4.3	360	2.09	0.60	4.03	0.04	129.00	4.4	34	2.77
E847215		0.97	0.005		0.30	2.40	8	220	0.74	1.49	13.20	0.05	39.80	17.3	9	0.66
E847216		0.98	0.451		2.03	7.24	11.9	1450	2.12	1.80	5.45	0.04	97.40	31.1	40	2.24
E847217		1.17	0.024		1.77	6.17	6.9	1110	0.17	0.22	4.47	0.20	67.50	22.2	31	0.70
E847218		0.67	0.081		3.20	7.55	119.0	510	1.77	10.90	0.87	0.03	108.00	78.8	48	2.21
E847219		0.65	<0.005		0.72	4.46	64.6	610	0.87	2.97	6.09	0.06	60.30	15.0	22	1.23
E847220		0.79	<0.005		0.08	6.13	3.6	9950	1.65	0.08	4.41	0.02	101.00	5.5	37	2.11
E847221		1.50	0.149		3.32	5.95	5.3	470	1.36	0.39	4.92	0.02	72.30	166.5	29	1.24
E847222		1.32	<0.005		0.18	0.03	7	130	0.10	0.22	20.90	0.11	13.80	1.1	1	0.19
E847135		0.86	0.423		22.50	5.25	277.0	330	1.38	7.23	0.04	0.05	74.20	10.9	43	4.47
E847136		0.85	0.152		0.29	3.32	13.6	270	0.73	1.46	0.07	0.05	166.50	16.4	21	0.57
E847137		0.99	0.010		0.04	0.12	1.2	40	0.06	0.07	3.98	0.03	1.91	5.0	5	0.49
E847138		0.64	0.010		0.10	7.83	9.2	40	1.10	0.31	1.93	<0.02	56.40	70.9	21	0.31
E847139		0.85	0.171		0.14	1.29	53.8	30	0.19	5.99	8.01	0.02	17.50	711.0	2	0.46
E847140		0.86	0.006		0.12	3.26	2.1	140	0.74	2.30	0.40	0.05	26.10	15.5	23	1.64
E847141		1.10	<0.005		0.02	6.96	2.0	60	0.56	0.05	1.08	0.02	40.30	7.1	32	0.50
E847142		0.70	<0.005		0.29	6.62	7.9	200	2.82	0.30	2.83	0.03	37.80	4.0	16	2.26
E847143		1.14	<0.005		0.07	6.44	6.2	720	15.20	0.10	0.71	0.12	>500	11.3	11	1.82
E847144		1.03	0.006		12.00	0.16	99	10	0.13	0.17	10.65	6.26	6.74	8.7	<1	0.28
E847145		0.78	<0.005		0.80	6.14	85.9	630	2.29	1.06	0.16	0.09	81.80	7.0	51	9.85
E847146		1.32	<0.005		3.40	1.35	109.5	80	0.43	0.10	8.75	0.07	14.25	3.4	7	0.69
E847147		1.11	<0.005		11.30	0.51	27.6	50	0.26	0.09	6.46	50.40	9.52	1.6	12	0.30
E847148		1.54	<0.005		0.60	0.12	25	10	<0.05	2.38	17.65	0.15	6.48	2.6	2	0.21
E847149		1.03	<0.005		0.35	0.37	5	20	0.21	0.25	10.90	0.11	4.31	0.7	4	0.79
E847150		1.59	<0.005		6.82	0.53	293.0	30	0.28	0.29	7.25	0.24	15.80	13.8	2	0.50

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E847202	7.0	1.38	10.70	0.14	1.6	0.040	2.77	25.8	48.0	6.43	819	0.15	0.03	6.2	13.3
E847203	9.2	2.29	0.58	0.10	0.1	0.015	0.17	7.8	3.4	11.85	1865	0.64	0.03	0.3	2.8
E847204	15.5	5.82	0.65	0.12	<0.1	0.049	0.04	1.2	2.3	3.01	601	0.86	0.01	0.1	34.2
E847205	66.2	1.33	2.03	0.07	<0.1	0.036	0.05	<0.5	1.7	0.23	64	6.94	0.01	0.4	3.2
E847206	19.2	4.04	4.55	0.52	0.2	0.109	0.50	4.2	3.5	6.14	1095	2.80	0.02	0.6	14.5
E847207	59.2	22.40	4.42	0.25	0.1	0.071	0.39	2.1	3.1	0.04	31	7.02	0.01	0.3	3.9
E847208	55.9	19.30	1.99	0.72	0.1	0.040	0.07	1.7	1.6	2.44	408	6.19	0.01	0.3	23.3
E847209	36.3	17.00	1.10	0.24	0.1	0.045	0.19	1.5	1.9	1.29	187	2.24	0.01	0.3	24.0
E847210	11.9	6.36	0.99	0.15	0.1	0.077	0.22	5.6	1.7	6.31	1680	1.65	0.01	0.3	9.3
E847211	2240.0	2.04	15.95	0.17	1.6	0.241	4.48	35.8	30.9	4.14	933	14.00	0.04	7.4	9.4
E847212	433.0	1.75	11.40	1.01	2.2	0.159	5.59	94.5	26.3	3.25	712	3050.00	0.04	8.6	15.5
E847213	438.0	3.78	15.85	0.53	1.9	0.235	4.64	205.0	39.6	2.72	1400	49.90	0.04	6.2	23.5
E847214	8.8	2.32	18.05	0.28	2.2	0.170	4.00	71.2	47.7	2.51	691	6.17	0.03	9.9	18.2
E847215	9.7	4.39	6.17	0.13	0.9	0.180	1.25	21.0	9.7	6.87	2820	10.10	0.02	1.1	12.7
E847216	29.0	3.43	19.25	0.26	2.1	0.189	4.07	56.9	44.1	2.56	3350	11.70	0.03	9.4	30.5
E847217	3630.0	4.79	8.49	0.19	2.0	0.077	5.68	31.6	3.2	1.82	2040	3.59	0.07	2.7	7.1
E847218	1915.0	3.00	21.60	0.16	3.2	0.134	4.44	51.3	16.6	0.76	655	8.03	0.03	3.7	36.6
E847219	74.7	5.29	11.50	0.14	1.7	0.180	3.18	27.4	19.6	3.67	1320	3.47	0.03	2.4	38.3
E847220	5.2	6.52	17.05	0.19	1.8	0.252	3.96	53.1	38.1	2.57	844	9.47	0.02	4.7	22.6
E847221	5420.0	4.04	14.25	0.44	2.2	0.239	3.81	29.3	29.5	2.83	1010	29.60	0.03	3.7	23.7
E847222	371.0	0.98	0.29	0.05	<0.1	0.088	0.04	5.8	2.2	13.25	911	0.35	0.02	0.1	0.7
E847135	1590.0	15.00	13.80	0.26	1.7	0.746	2.52	33.1	4.3	0.34	810	0.62	0.02	1.6	13.9
E847136	1010.0	3.72	7.19	0.18	1.1	0.089	0.28	91.8	2.9	0.06	1770	4.13	2.10	1.6	15.4
E847137	12.2	1.88	0.69	0.05	<0.1	0.024	0.01	0.8	2.1	1.50	1170	0.43	0.11	0.2	1.9
E847138	5.8	10.40	21.50	0.19	1.3	0.016	0.06	24.5	8.9	0.96	1400	1.00	5.08	10.5	14.1
E847139	5.4	10.10	4.47	0.19	0.1	0.023	0.04	8.0	2.2	3.61	2150	3.72	0.82	1.0	48.2
E847140	59.1	3.13	8.59	0.09	0.6	0.012	0.60	12.9	49.5	1.50	722	1.63	0.08	2.5	24.1
E847141	>10000	4.59	12.70	0.10	0.5	0.013	0.08	18.4	23.4	0.84	969	0.39	4.59	2.8	9.8
E847142	136.5	0.73	12.80	0.11	1.5	0.044	0.82	9.0	13.6	0.32	1230	0.41	4.29	31.2	4.3
E847143	10.6	12.75	17.75	0.41	4.3	0.104	5.82	980.0	18.0	1.89	484	0.65	0.11	7.8	77.9
E847144	126.0	18.85	2.27	0.22	0.1	0.032	0.07	4.4	7.5	6.65	661	2.13	0.01	0.4	78.6
E847145	57.5	4.17	17.20	0.15	3.0	0.131	4.62	41.3	28.1	0.81	73	5.54	0.04	5.9	117.0
E847146	28.2	11.45	3.26	0.19	0.5	0.014	0.91	7.5	14.7	5.29	843	1.34	0.01	1.5	20.7
E847147	18.2	1.59	2.50	0.12	0.2	0.083	0.45	4.5	5.5	3.94	349	0.41	0.01	0.6	5.5
E847148	9.1	3.57	0.57	0.07	0.1	0.120	0.01	4.1	2.7	13.85	1840	0.29	0.02	0.2	9.0
E847149	38.1	2.20	0.87	0.05	0.1	0.665	0.20	1.6	4.8	6.02	1960	0.24	0.04	0.1	11.7
E847150	49.2	25.20	1.54	0.31	0.3	0.020	0.35	10.3	9.4	3.57	1110	6.81	0.01	1.1	93.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E847202		450	7.0	99.3	<0.002	0.09	2.24	7.0	1	1.4	30.7	0.44	<0.05	8.3	0.152	0.48
E847203		20	13.2	3.8	<0.002	1.08	0.82	0.5	2	<0.2	25.6	<0.05	0.05	0.4	0.006	0.06
E847204		20	44.7	1.9	<0.002	5.62	9.54	0.3	1	<0.2	11.9	<0.05	<0.05	0.2	<0.005	0.09
E847205		10	3470.0	1.8	<0.002	1.41	5.33	0.1	3	0.3	1.5	<0.05	0.06	0.2	<0.005	0.70
E847206		50	372.0	8.0	0.003	7.09	7.83	0.8	8	0.3	12.9	<0.05	<0.05	0.7	0.011	0.52
E847207		40	574.0	6.4	<0.002	1.14	61.70	0.6	3	1.2	1.2	<0.05	<0.05	0.7	0.007	2.66
E847208		10	544.0	1.0	0.003	>10.0	40.00	0.1	6	0.6	5.4	<0.05	<0.05	0.2	<0.005	6.72
E847209		20	502.0	2.8	<0.002	>10.0	21.60	0.3	2	0.2	3.7	<0.05	<0.05	0.4	<0.005	0.48
E847210		20	107.0	3.5	<0.002	7.41	7.33	0.5	4	0.2	15.0	<0.05	<0.05	0.3	0.005	0.67
E847211		590	10.1	164.5	<0.002	0.20	2.87	8.8	3	2.8	16.7	0.56	0.05	12.5	0.177	0.35
E847212		670	478.0	161.0	0.571	0.42	61.00	10.9	64	5.6	14.8	0.74	2.94	21.5	0.218	3.55
E847213		760	306.0	171.5	0.003	0.03	15.30	11.1	7	2.2	18.3	0.48	2.28	20.4	0.148	0.46
E847214		830	15.6	223.0	<0.002	0.01	6.60	10.3	2	2.8	12.6	0.76	0.19	16.3	0.234	0.39
E847215		410	16.8	76.3	<0.002	1.74	1.65	4.6	2	1.0	34.1	0.08	0.07	6.8	0.046	0.25
E847216		670	42.6	252.0	<0.002	0.11	10.00	12.9	5	3.2	23.2	0.69	0.87	17.2	0.232	0.43
E847217		710	21.6	115.0	<0.002	0.37	2.67	18.3	6	1.2	23.3	0.27	0.09	12.5	0.091	0.60
E847218		670	215.0	242.0	0.004	0.95	5.00	11.1	6	2.5	10.6	0.30	0.19	15.3	0.148	60.00
E847219		520	32.5	159.0	<0.002	1.96	4.66	5.8	1	1.7	19.2	0.21	<0.05	8.6	0.095	0.83
E847220		580	3.4	206.0	<0.002	0.28	4.86	11.1	1	4.0	92.6	0.41	0.06	12.2	0.169	0.50
E847221		660	162.0	197.0	0.004	1.85	2.76	10.5	97	4.4	259.0	0.24	6.13	10.3	0.110	0.48
E847222		10	21.0	1.6	<0.002	0.05	1.20	0.1	2	0.2	26.6	<0.05	<0.05	<0.2	<0.005	0.05
E847135		250	47.3	143.5	<0.002	0.13	42.00	6.3	1	9.8	202.0	0.09	0.05	10.0	0.106	0.45
E847136		150	7.9	14.3	<0.002	0.08	4.42	4.7	2	0.5	20.4	0.11	0.72	8.6	0.038	0.10
E847137		10	3.6	1.1	<0.002	0.07	0.59	18.0	1	0.2	14.9	<0.05	<0.05	<0.2	0.009	0.04
E847138		2440	3.1	2.8	<0.002	0.37	1.75	26.2	2	1.3	31.8	0.74	0.14	3.4	0.874	0.02
E847139		220	3.4	2.3	<0.002	7.32	0.61	22.1	3	0.4	32.0	0.05	3.31	0.7	0.065	0.02
E847140		250	11.1	34.4	<0.002	0.01	0.91	5.3	2	0.9	20.1	0.20	0.89	10.1	0.080	0.19
E847141		830	4.2	6.4	<0.002	0.01	0.64	8.8	1	1.6	27.2	0.28	0.06	9.7	0.155	0.04
E847142		140	22.1	68.3	<0.002	0.01	3.46	4.0	5	2.3	81.3	2.19	<0.05	84.9	0.305	0.23
E847143		1830	90.7	124.0	0.004	<0.01	1.26	15.6	7	2.0	57.0	0.69	0.05	16.0	0.376	0.55
E847144		20	2210.0	3.4	<0.002	>10.0	29.50	0.6	1	0.2	15.0	<0.05	<0.05	0.4	0.006	4.08
E847145		1190	57.8	142.0	0.010	0.32	14.95	12.1	2	2.2	27.5	0.50	0.08	15.5	0.189	1.03
E847146		100	235.0	24.5	<0.002	>10.0	11.55	1.5	1	0.5	16.3	0.12	<0.05	2.0	0.041	0.23
E847147		100	5860.0	7.8	<0.002	3.16	12.15	0.5	6	0.8	9.9	0.05	<0.05	0.9	0.017	0.21
E847148		30	40.9	0.5	<0.002	3.09	1.89	0.3	1	<0.2	76.3	<0.05	<0.05	0.3	<0.005	0.21
E847149		240	22.6	7.8	<0.002	0.04	2.60	16.5	2	<0.2	30.7	<0.05	<0.05	0.5	<0.005	0.06
E847150		70	404.0	12.6	0.003	>10.0	29.00	1.4	2	0.3	18.0	0.06	0.06	1.2	0.019	0.60

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Zn-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Zn	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01	0.01
E847202		1.9	34	0.6	15.6	16	56.3			
E847203		1.6	8	0.1	10.3	71	3.1			
E847204		0.1	4	0.1	2.0	1010	1.1			
E847205		13.8	5	0.1	0.6	>10000	4.4		1.66	
E847206		6.6	7	0.1	6.2	>10000	8.2		7.47	
E847207		0.9	6	0.1	1.7	8200	5.5			
E847208		1.5	8	<0.1	1.7	>10000	2.0		4.65	
E847209		0.6	5	<0.1	2.5	4610	4.9			
E847210		0.9	4	<0.1	7.6	>10000	3.1		2.49	
E847211		15.7	53	8.6	17.1	55	54.7			
E847212		1780.0	60	29.2	192.5	33	67.2			0.19
E847213		1020.0	66	19.6	63.4	25	66.2			0.11
E847214		126.0	59	9.5	20.4	25	76.8			
E847215		5.5	24	1.2	15.8	24	33.6			
E847216		490.0	70	9.1	34.4	19	73.9			
E847217		3.6	112	4.8	9.7	40	54.5			
E847218		61.4	102	1.7	14.2	13	87.2			
E847219		2.6	40	1.0	12.0	11	44.6			
E847220		3.5	68	8.8	12.2	5	48.7			
E847221		67.9	69	7.9	15.5	4	57.0			
E847222		0.3	1	0.1	9.0	24	0.8			
E847135		2.2	41	2.4	5.4	49	45.0			
E847136		2.7	12	2.4	9.7	23	30.4			
E847137		0.5	4	0.3	4.3	14	0.8			
E847138		0.7	277	2.5	11.8	11	45.3			
E847139		0.3	59	1.0	5.5	6	3.6			
E847140		211.0	48	0.7	9.6	26	15.6			
E847141		48.6	76	1.0	8.4	13	13.8	2.26		
E847142		640.0	17	11.1	82.5	10	44.6			
E847143		383.0	174	2.4	359.0	438	138.5			
E847144		2.0	5	0.2	5.1	2880	2.9			
E847145		9.6	67	0.9	24.7	45	81.3			
E847146		2.8	14	0.3	7.3	31	15.4			
E847147		1.5	7	0.1	4.2	>10000	6.8		3.56	
E847148		0.8	5	0.1	8.6	82	2.9			
E847149		0.2	4	0.1	13.3	47	1.3			
E847150		3.3	13	0.2	8.2	142	8.4			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

CERTIFICATE TR07088980

Project: Werneckes- E

P.O. No.: FRG07-01

This report is for 71 Drill Core samples submitted to our lab in Terrace, BC, Canada on 14-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844999	5.16	<0.005	0.03	10.25	0.9	1350	4.1	0.02	0.13	0.02	109.5	4.2	56	18.2	9
E845000	6.65	<0.005	0.03	10.85	0.5	1470	4.28	0.04	0.18	<0.02	130	6.3	61	19.8	4.7
E845001	6.54	<0.005	0.02	10.55	<0.2	1610	3.81	0.02	0.11	<0.02	70.5	2.3	55	19.9	2.3
E845002	6.68	<0.005	0.02	11	0.6	1650	3.44	0.01	0.12	<0.02	130	2.6	60	20.2	2.2
E845003	4.72	<0.005	0.03	10.35	0.4	1600	3.35	<0.01	0.12	<0.02	117	3.2	57	19.4	3.8
E845004	5.34	<0.005	0.05	9.89	0.9	1380	2.86	0.02	0.25	<0.02	82.3	4.8	53	16.75	5.1
E845005	5.67	<0.005	0.02	9.91	0.6	1290	2.64	0.01	0.26	<0.02	60.8	1.8	59	14.9	7
E845006	5.46	<0.005	0.03	10.1	0.8	1220	3.1	0.01	0.21	<0.02	72.1	7	53	18.95	5.7
E845007	4.94	0.006	0.04	10.55	0.9	1190	3.17	0.02	0.26	<0.02	74.6	8.9	59	18.75	3.9
E845008	4.70	<0.005	0.09	11	0.9	1170	4.92	0.03	0.17	0.02	195.5	6.4	60	20.2	3.1
E845009	4.40	<0.005	0.05	9.95	0.4	1060	2.85	0.01	0.17	<0.02	98.7	3.9	55	18.5	7.8
E845010	4.86	<0.005	0.03	11.05	0.4	1150	3.32	<0.01	0.14	<0.02	169	2.2	61	21.3	12.2
E845011	2.26	<0.005	0.04	11.15	0.4	1290	3.42	<0.01	0.11	<0.02	66.1	2.7	59	19.7	54.1
E845012	2.69	<0.005	0.19	11.75	1.9	1280	3.96	0.09	0.11	<0.02	56.9	9.4	64	21.9	214
E845013	2.23	0.010	0.22	11.5	1.7	1280	3.68	0.13	0.11	0.02	52.1	9.7	63	21.4	309
E845014	5.65	<0.005	0.04	10.75	0.3	1280	3.45	<0.01	0.15	<0.02	30.3	1.9	57	20.2	7.9
E845015	6.14	<0.005	0.04	11.45	0.2	1320	3.55	<0.01	0.13	<0.02	29.4	2.4	61	21.2	4.8
E845016	2.57	<0.005	0.03	12.15	<0.2	1610	3.96	<0.01	0.08	<0.02	9.47	1.4	64	22.4	4
E845017	2.28	<0.005	0.06	14.4	0.2	2040	4.92	0.01	0.02	<0.02	1.3	1.5	67	25.2	2.3
E845018	1.67	<0.005	0.04	14.45	<0.2	2230	5.38	<0.01	0.02	<0.02	1	1.6	71	24.8	2.2
E845019	0.55	<0.005	0.06	14.65	0.2	2210	5.31	0.01	0.08	<0.02	0.54	2.3	82	25.4	7.4
E845020	1.40	<0.005	0.05	14.75	<0.2	2280	5.42	<0.01	0.02	<0.02	0.28	1.6	82	26.2	2.3
E845021	0.07	<0.005	0.37	7.88	8.6	380	11.05	0.61	2.12	0.31	58.7	22.2	80	1.21	67.5
E845022	2.85	<0.005	0.04	13.95	0.2	1920	4.71	0.01	0.11	<0.02	2.08	2	72	22.5	3.2
E845023	2.08	<0.005	0.05	13.2	0.5	1620	4.3	<0.01	0.06	<0.02	5.32	2	70	23.3	3.7
E845024	2.15	<0.005	0.02	11.35	0.7	1400	4.52	0.04	0.13	<0.02	15.05	2.3	66	19.25	2.3
E845025	2.99	<0.005	0.02	5.83	1.3	620	1.95	0.05	0.23	<0.02	21.4	3.3	38	9.07	18.5
E845026	1.01	<0.005	0.02	6.36	2.4	730	2.34	0.03	0.27	<0.02	5.58	2	51	10.75	0.9
E845027	3.15	<0.005	0.02	7.38	0.6	680	2.6	0.06	0.42	<0.02	24.9	5.2	49	10.95	14.3
E845028	2.09	<0.005	<0.01	9.39	0.9	1000	3.74	0.23	0.14	<0.02	38.1	10.6	61	17.55	12.9
E845029	3.02	<0.005	0.02	7.87	1.5	830	3.17	0.08	0.21	<0.02	94.9	2.6	54	15.15	2.1
E845030	2.59	<0.005	<0.01	9.6	0.4	1150	4.12	0.02	0.13	<0.02	27.1	1.3	61	18.95	0.8
E845031	1.07	<0.005	<0.01	8.7	2.1	1080	3.96	0.03	0.12	<0.02	11.55	1	53	14.8	2.7
E845032	0.07	0.925	34.9	3.92	1225	460	0.29	29.7	6.16	<0.02	22.4	36.4	261	1.16	4260
E845033	1.56	<0.005	0.03	9.97	1.9	1220	4.14	0.07	0.13	<0.02	21.2	1.3	59	22.7	3.1
E845034	0.48	<0.005	0.02	12.85	0.5	1480	4.09	0.03	0.06	<0.02	5	1.7	60	29	3.7
E845035	3.13	<0.005	0.03	9.74	0.4	980	3.36	0.01	0.17	<0.02	47	2.3	55	22.6	5.7
E845036	3.14	<0.005	0.02	11.05	<0.2	1130	3.8	0.01	0.15	<0.02	39.4	2.7	62	23.2	3.7
E845037	2.89	<0.005	0.02	9.91	<0.2	980	3.73	0.02	0.25	<0.02	70.8	3	56	20.7	3.6
E845038	0.03	<0.005	0.01	0.07	0.2	10	<0.05	<0.01	0.01	<0.02	2.28	0.1	<1	0.05	1

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844999		4.83	28.5	0.22	2.9	0.074	4.51	52.7	16.5	0.43	98	2.15	0.23	4.6	37.6	510
E845000		4.98	30.8	0.26	2.8	0.066	4.88	65.4	13.8	0.41	100	1.9	0.25	6.4	32.4	570
E845001		3.53	29.8	0.19	3.3	0.068	4.73	36.9	10.4	0.29	42	0.6	0.25	8.2	18.5	450
E845002		4.74	29.9	0.25	2.8	0.063	4.67	65.9	10.4	0.33	55	0.78	0.26	6.7	22.3	520
E845003		4.63	29	0.23	2.5	0.059	4.45	59.4	10.5	0.32	63	0.64	0.25	6.8	18.5	600
E845004		4.43	28.1	0.19	3.1	0.059	4.2	41.9	18.7	0.39	161	2.19	0.23	5.8	25.5	630
E845005		3.99	24.6	0.16	2.4	0.053	4.38	30.4	9	0.27	102	1.18	0.24	4.3	13.8	500
E845006		4.12	27.7	0.18	3.2	0.061	4.32	36.5	13.8	0.37	116	1.08	0.25	5.3	31	550
E845007		4.38	29.7	0.2	3.2	0.064	4.4	37	18.5	0.51	181	1.48	0.26	5.1	37.1	590
E845008		4.08	31.8	0.27	3.1	0.068	4.52	99.6	18.5	0.43	136	1.04	0.27	4.5	29.2	590
E845009		3.99	27.8	0.2	3.1	0.058	4.17	50.1	16	0.35	119	0.79	0.26	6.7	20.8	590
E845010		3.74	31.6	0.26	3.7	0.066	4.53	91.8	11.8	0.28	73	0.88	0.32	6.6	14.2	560
E845011		2.77	31.9	0.16	3.6	0.065	4.62	33.4	14.9	0.35	104	0.54	0.33	7.4	21	520
E845012		4.08	32.8	0.17	3.5	0.074	4.99	28.9	16	0.38	125	1.7	0.34	6.5	19.2	490
E845013		3.41	32	0.17	3.2	0.075	4.9	26	13.9	0.34	106	2.46	0.35	5.2	15.9	500
E845014		3.06	30	0.13	3.2	0.063	4.47	15.1	9.9	0.27	65	0.58	0.34	5.9	15.4	490
E845015		3.01	31.3	0.15	3.2	0.069	4.69	14.9	10.7	0.31	70	0.61	0.36	6.6	18.7	530
E845016		2.85	35.9	0.14	3.2	0.073	5.13	4.8	8.8	0.26	46	0.63	0.42	9.8	13.7	210
E845017		1.97	45	0.11	5.6	0.085	5.34	0.5	12.3	0.32	47	0.36	0.68	20.9	9.6	30
E845018		2.17	47.5	0.12	4.6	0.09	5.92	<0.5	13.1	0.31	51	0.3	0.68	16.9	10.6	20
E845019		4.05	45.9	0.14	4.5	0.091	5.57	<0.5	17.7	0.37	120	0.77	0.6	14.1	19.2	10
E845020		2.83	48.5	0.13	4.7	0.092	5.57	<0.5	13.9	0.34	42	0.2	0.65	15.7	15.5	<10
E845021		5.21	20	0.24	4	0.339	0.96	30.3	12.1	1.28	583	39.7	3.73	9.8	164.5	560
E845022		3.28	39.7	0.14	3.5	0.079	5.77	0.9	15.1	0.36	94	0.61	1.07	9.5	15.9	100
E845023		4.36	36.7	0.14	3.4	0.077	5.43	2.4	12.2	0.32	63	0.84	0.47	6.5	19	240
E845024		3.99	31.8	0.13	3.3	0.064	4.93	7	15	0.32	109	0.82	0.37	6.9	19.5	260
E845025		2.91	14.2	0.1	1.6	0.031	2.24	10.7	7.8	0.18	129	0.95	0.37	3	11.9	460
E845026		3.47	20.9	0.1	2.3	0.038	2.67	2.7	7	0.17	86	0.29	0.27	2.9	15.2	740
E845027		4.31	20.9	0.13	2.6	0.031	2.63	12.1	25	0.46	274	2.44	0.74	3	36.4	730
E845028		2.96	29.5	0.14	3.7	0.056	3.96	18.1	28	0.56	220	1.28	0.34	5.3	33.4	480
E845029		3.9	24.1	0.18	2.5	0.052	3.28	46.7	16.7	0.35	147	2.81	0.26	3.8	23	400
E845030		1.96	30.4	0.1	3.3	0.059	4.37	12.7	10	0.25	65	0.57	0.35	7.1	9.9	400
E845031		1.75	24.3	0.09	2.9	0.043	3.59	5.6	7.8	0.21	82	0.35	0.93	8.5	8.4	20
E845032		3.97	12.6	0.4	0.8	0.193	1.38	16	12.3	0.76	1640	651	0.6	1.7	18.5	520
E845033		1.91	31.9	0.1	3.5	0.059	4.31	10	9	0.24	50	1.41	0.37	8.7	9.6	430
E845034		1.93	34.3	0.11	2.6	0.072	5.24	1.9	10.6	0.33	98	0.92	0.81	6.4	8.6	150
E845035		2.51	27.6	0.12	2.7	0.057	4.6	23.6	13.9	0.28	76	0.71	0.36	5.4	13.3	580
E845036		3.03	29.8	0.13	2.9	0.065	4.45	19.9	15.2	0.36	115	0.61	0.4	8.6	20.2	390
E845037		2.69	28.6	0.18	3	0.062	4.3	35.7	15.9	0.32	126	0.53	0.36	6.9	18.2	530
E845038		0.01	0.21	<0.05	0.7	<0.005	0.01	1.4	2	<0.01	<5	<0.05	<0.01	0.1	0.4	30

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844999		4.8	342	<0.002	<0.01	0.76	16.5	1	3.5	27.4	0.33	<0.05	20.8	0.162	1.74	3.4
E845000		3	364	<0.002	0.01	0.72	17.7	2	3.7	33.6	0.46	0.06	21.5	0.241	1.97	3.4
E845001		2.7	365	<0.002	<0.01	0.67	17.5	1	4	38.5	0.63	<0.05	21.5	0.221	2.1	4.3
E845002		3	370	<0.002	<0.01	0.66	16.8	1	3.7	40.4	0.48	<0.05	20.6	0.258	2.15	3.3
E845003		7.8	353	<0.002	<0.01	0.56	16.3	1	3.5	42.6	0.47	<0.05	19.6	0.257	2.12	2.6
E845004		3.2	335	<0.002	<0.01	0.79	15.9	1	3.3	41.8	0.42	<0.05	18.8	0.168	1.98	3.5
E845005		2.7	318	<0.002	<0.01	0.55	14.3	1	2.9	43.4	0.31	<0.05	14.7	0.169	1.7	2.5
E845006		3	333	<0.002	<0.01	0.64	16.3	1	3.3	58.1	0.39	<0.05	18	0.156	2.13	3.2
E845007		2.9	333	<0.002	0.01	0.62	17.1	1	3.9	63.6	0.36	<0.05	16.6	0.149	2.22	3.2
E845008		6.6	347	<0.002	<0.01	0.69	18.5	2	4.1	70.8	0.33	0.05	20.7	0.166	2.37	3.5
E845009		3.1	324	<0.002	<0.01	0.87	15.6	1	3.6	63.5	0.49	<0.05	20.3	0.181	2.14	3.6
E845010		6.2	353	<0.002	<0.01	0.7	17.6	2	5.1	74.4	0.48	<0.05	23.3	0.185	2.56	3.5
E845011		3.4	345	<0.002	<0.01	0.61	17.7	1	4.1	75.5	0.56	<0.05	20.8	0.176	2.47	3.6
E845012		480	382	<0.002	0.01	0.93	17.6	2	4.5	76	0.51	<0.05	22.2	0.167	2.52	4.4
E845013		7.7	371	<0.002	0.02	0.75	16.5	2	4.4	74.3	0.39	<0.05	19.6	0.147	2.49	4.6
E845014		3.4	350	<0.002	<0.01	0.5	17	1	3.5	76.3	0.42	<0.05	17.9	0.143	2.49	3.2
E845015		4.2	371	<0.002	<0.01	0.55	18.2	1	3.6	83.5	0.47	<0.05	19.9	0.158	2.66	3.3
E845016		3.6	394	<0.002	<0.01	0.53	20.1	1	4.3	94.2	0.61	<0.05	21	0.18	2.89	3.4
E845017		4.6	382	<0.002	<0.01	0.81	21.7	1	6.3	105.5	1.13	<0.05	17.6	0.278	3.61	5.3
E845018		5	412	<0.002	<0.01	0.62	21.8	1	7	108.5	0.88	<0.05	16.3	0.244	3.57	22.6
E845019		5.2	391	<0.002	<0.01	0.77	21.4	1	7.1	106.5	0.82	<0.05	14.5	0.232	3.39	4.2
E845020		4.5	392	<0.002	<0.01	0.59	21.2	1	7.8	107.5	0.85	<0.05	8.5	0.25	3.65	4.8
E845021		89.2	46.9	0.03	0.29	0.32	15.1	3	7.7	177.5	1.24	0.08	14.4	0.321	0.23	222
E845022		33.2	411	<0.002	<0.01	0.54	18.9	1	6.1	99.2	0.45	<0.05	9.3	0.178	2.97	3.2
E845023		11.2	410	<0.002	<0.01	0.63	19.7	1	5	90.9	0.43	<0.05	18.9	0.164	3	3.9
E845024		4.1	352	<0.002	<0.01	0.76	19	2	4.6	81.8	0.49	<0.05	19.9	0.181	3.09	3.5
E845025		4.4	171	<0.002	0.01	0.49	8.3	2	2.5	44.7	0.21	<0.05	11.6	0.089	1.45	2.9
E845026		3.8	218	<0.002	<0.01	0.41	13.5	1	3.2	59.1	0.2	<0.05	14.4	0.09	1.57	2.9
E845027		3.3	214	<0.002	<0.01	0.67	12.6	1	3	59.4	0.2	<0.05	17.1	0.091	1.46	4.3
E845028		3.2	305	<0.002	0.01	0.93	19.5	1	3.8	74.6	0.38	0.13	17.3	0.144	2.26	3
E845029		3.5	261	<0.002	<0.01	0.95	15.6	2	3.4	65.5	0.27	<0.05	14	0.115	2.01	3
E845030		3.2	325	<0.002	<0.01	0.59	20.6	2	4.7	89	0.47	<0.05	19	0.176	2.64	2.9
E845031		3.2	277	<0.002	<0.01	0.62	15.2	1	3.2	81.5	0.52	<0.05	14.9	0.167	2.11	5.3
E845032		62.3	35.1	0.056	0.67	79.7	6.6	5	2.8	248	0.11	3.37	1.5	0.113	0.34	2.4
E845033		3.3	343	<0.002	<0.01	0.84	21	2	4.6	92.8	0.6	<0.05	19.5	0.188	2.75	3.2
E845034		25.4	387	<0.002	<0.01	1.21	18.6	2	5.8	97.8	0.43	<0.05	45.9	0.193	2.99	228
E845035		4.2	316	<0.002	<0.01	0.78	17.2	<1	4.2	86.2	0.37	<0.05	20	0.153	3.03	3.5
E845036		4	335	<0.002	<0.01	0.8	19.1	<1	4.3	95.4	0.65	<0.05	21.2	0.207	3.33	3.4
E845037		3.7	310	<0.002	<0.01	0.77	18.2	<1	3.7	83.2	0.51	<0.05	21.4	0.168	3	4.5
E845038		0.9	0.6	<0.002	0.01	<0.05	0.3	1	<0.2	1.9	<0.05	<0.05	0.3	0.005	<0.02	0.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E844999		81	2.1	12.1	8	95.5
E845000		87	2.7	11.2	6	92
E845001		80	3.4	13	3	111
E845002		83	2.7	12.6	5	93.8
E845003		78	2.8	10.3	4	81.1
E845004		81	2.3	12.3	8	105.5
E845005		88	2.1	8.8	5	81.5
E845006		81	2.3	12.1	6	107.5
E845007		90	3.2	11.3	9	106.5
E845008		91	3	21.4	10	102.5
E845009		80	3.1	12	7	103
E845010		91	5.5	13.8	6	122
E845011		88	3.4	10.7	9	120
E845012		96	4.2	9.9	14	114
E845013		95	3.3	9.3	13	107
E845014		83	2.6	9.3	5	103
E845015		89	2.4	10.4	6	104.5
E845016		93	3.8	7.9	3	103
E845017		103	7.2	7.1	5	179
E845018		108	6.7	5.6	4	148.5
E845019		115	8.3	6.3	5	146.5
E845020		108	8.7	4.6	4	151
E845021		203	8	18.9	135	135
E845022		95	6.1	5.6	6	112
E845023		104	4.3	7.8	5	109.5
E845024		93	4.7	8.2	4	105.5
E845025		48	3.4	5.4	7	54.4
E845026		58	4.5	6.4	7	61.8
E845027		59	4.5	8.5	15	74.4
E845028		76	3.9	9.7	18	101
E845029		68	3.8	8.4	10	68.9
E845030		78	5.2	9.9	5	91.1
E845031		59	2.9	7	4	81.8
E845032		61	15.5	9.4	114	20
E845033		76	4.8	10	4	94.5
E845034		89	7	12.4	7	86.8
E845035		78	3.2	10.1	8	82.6
E845036		80	4	9.1	8	89.1
E845037		77	2.7	9.9	8	91.4
E845038		<1	<0.1	1.6	2	22

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845039		3.36	<0.005	<0.01	10.3	0.8	1000	4.02	0.02	0.12	<0.02	74.9	3.4	62	21	2.7
E845040		3.11	<0.005	<0.01	10.55	0.3	1070	3.59	0.01	0.08	<0.02	58.5	2.4	65	18.7	2.4
E845041		1.78	<0.005	<0.01	10.4	0.2	1050	3.66	0.02	0.16	<0.02	49.3	3.9	61	18.4	1.9
E845042		1.45	<0.005	0.01	10.1	0.3	1030	3.75	0.01	0.14	<0.02	45.7	3.9	57	19.2	1.7
E845043		2.99	<0.005	0.02	10.4	0.3	1120	3.83	0.03	0.14	<0.02	39.5	3.2	68	19.9	1
E845044		3.06	<0.005	0.02	10.35	0.2	1030	3.52	0.01	0.19	<0.02	27.3	3.7	58	22.1	1.2
E845045		2.92	<0.005	0.03	10.45	0.3	1060	3.56	0.04	0.13	<0.02	49.8	4.4	55	19.45	1.4
E845046		2.26	<0.005	0.01	10.7	0.4	1090	3.59	0.03	0.16	<0.02	56.2	4.8	68	21.2	1.4
E845047		2.75	<0.005	0.03	11.4	0.5	1260	4.25	0.01	0.16	0.02	23.8	3	67	24.4	2.3
E845048		2.18	<0.005	<0.01	10.15	0.8	1000	4.06	0.03	0.16	<0.02	80.9	6.6	59	21.6	1.6
E845049		2.14	<0.005	<0.01	10.35	0.2	1100	4.11	0.02	0.13	0.02	14.6	5.5	59	22.5	2.9
E845050		4.25	<0.005	0.01	10.05	<0.2	1180	3.71	0.02	0.12	<0.02	103.5	5.9	61	18.5	6.5
E845051		3.62	0.024	0.04	9.6	1.4	940	2.87	0.23	0.31	0.03	128	23.7	53	16	1590
E845052		1.89	<0.005	0.03	9.42	0.4	1060	3.01	0.02	0.36	<0.02	197.5	9.3	51	15.6	113.5
E845053		5.61	<0.005	0.07	10.25	1.3	1160	3.28	0.01	0.32	<0.02	68.1	7.5	56	15.15	24.7
E845054		6.04	<0.005	0.05	9.32	1.3	920	2.8	0.03	0.22	<0.02	48.9	9.7	51	14.9	18.3
E845055		5.35	<0.005	0.01	9.81	1.8	1120	2.93	0.07	0.17	<0.02	88.4	24.4	56	14.9	15
E845056		5.68	<0.005	0.03	9.61	0.9	950	3.12	0.11	0.62	<0.02	39.5	4.8	49	15.35	55.5
E845057		4.96	<0.005	0.03	9.24	3.2	900	3.02	0.08	0.34	<0.02	49.2	11	48	16.35	30.9
E845058		5.31	<0.005	0.03	9.11	2.8	900	3.55	0.04	0.17	0.02	28.2	21.8	45	14.85	23.8
E845059		3.41	<0.005	<0.01	10	0.8	900	3.51	0.02	0.11	<0.02	21.6	5.2	48	16.25	5.6
E845060		3.06	<0.005	0.01	11.8	0.2	1040	4.25	0.03	0.28	0.03	2.6	5.2	66	12.05	8.4
E845061		1.46	<0.005	0.03	13.15	0.2	1740	5.17	<0.01	0.17	<0.02	0.55	1.9	67	18.5	8.9
E845062		1.79	<0.005	0.05	13.25	0.2	1850	5.99	0.01	0.11	<0.02	4.18	8.4	90	22.2	6.2
E845063		0.70	<0.005	0.02	13.15	0.8	1640	5.52	0.01	0.27	<0.02	0.8	10.8	109	18.65	2
E845064		2.27	<0.005	0.02	14.3	0.3	1870	5.98	<0.01	0.11	<0.02	0.35	7.4	102	24	1.8
E845065		1.66	<0.005	0.02	13.75	<0.2	1820	5.63	<0.01	0.12	0.02	0.5	2.4	85	23.3	4.7
E845066		0.77	<0.005	0.03	14.5	0.8	1780	5.69	<0.01	0.1	<0.02	0.47	1.6	86	23	3.6
E845067		3.29	<0.005	0.01	14.8	<0.2	1940	5.6	<0.01	0.15	<0.02	0.54	1.7	93	21.9	3
E845068		0.75	<0.005	0.03	13.6	0.6	1490	5.14	0.01	0.43	0.03	0.72	2.9	83	18	6.7
E845069		0.05	0.008	0.32	7.32	8.6	360	11.55	0.67	2.05	0.31	54.2	24.2	79	1.05	67.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845039		3.75	29.8	0.21	3	0.064	4.56	37.6	23.2	0.4	166	0.91	0.34	5.1	23	450
E845040		3.16	28.8	0.17	3	0.059	4.58	28.6	15.8	0.35	105	0.56	0.37	5.4	20.6	370
E845041		3.38	28.4	0.18	2.9	0.056	4.41	24.3	21.4	0.42	185	0.72	0.37	5.1	29.8	450
E845042		3.47	29.6	0.17	2.9	0.056	4.2	22.5	21.1	0.4	169	0.75	0.36	5.2	31.3	460
E845043		3.18	28	0.17	2.7	0.062	4.63	19	17	0.35	131	0.48	0.4	5.4	23.9	490
E845044		3.14	30.1	0.11	2.7	0.063	4.29	13.3	23	0.4	180	0.69	0.44	4.9	25.9	370
E845045		3.39	27.5	0.17	2.4	0.059	3.99	24.7	23.1	0.41	160	0.67	0.36	5.2	20.9	450
E845046		3.64	29.8	0.19	2.6	0.067	4.64	28.2	22	0.47	154	0.62	0.4	4.9	25.3	500
E845047		3.04	30.6	0.12	3	0.072	5.02	11.7	15.1	0.36	95	0.57	0.44	7.8	17.1	530
E845048		3.94	27.1	0.22	2.5	0.06	3.95	39.3	21.8	0.57	168	0.69	0.57	5.1	36	550
E845049		3.48	27	0.14	2.6	0.061	4.1	7.1	21.6	0.43	146	1.18	0.68	5.7	21.3	220
E845050		2.84	27.4	0.23	2.5	0.039	3.71	50.8	22.3	0.66	184	0.27	0.41	5.9	39	500
E845051		4.3	25.4	0.28	2.2	0.035	3.24	65.5	30.6	0.89	335	2.88	0.47	4.2	49.3	840
E845052		1.92	27.4	0.31	2.1	0.02	3.4	99.6	24.9	0.61	220	0.52	0.77	5.7	32.8	390
E845053		1.34	27.5	0.13	4.7	0.024	3.99	33.4	17.9	0.42	154	0.38	1.08	10.2	19.6	350
E845054		1.97	25.1	0.09	2.4	0.02	3.27	24.9	26.6	0.66	186	0.53	0.68	6	34.9	550
E845055		2.3	26.9	0.18	1.9	0.02	3.68	43.9	26.8	0.77	197	0.72	1	5.5	41.9	320
E845056		1.05	25.2	0.07	2.4	0.023	3.84	19.8	12.4	0.33	223	0.46	0.82	7.2	15.8	230
E845057		1.29	25.5	0.1	2.4	0.022	3.9	24.6	13.7	0.39	154	0.75	0.37	8	20.7	320
E845058		1.25	24.2	0.06	2.1	0.023	3.63	14.8	12.9	0.31	99	0.69	0.56	6.7	9.6	230
E845059		1.07	25.8	0.06	2.2	0.024	3.97	10.7	10.1	0.29	51	0.3	0.92	6.4	8.2	270
E845060		1.49	25.9	<0.05	2.1	0.029	3.86	1.3	14.5	0.43	126	0.23	3.52	7.5	14.4	60
E845061		1.52	37.4	0.06	2.8	0.038	5.37	<0.5	14	0.36	85	0.24	2.24	9.6	11.4	10
E845062		1.64	42	0.06	4.5	0.04	6.23	1.9	19.7	0.38	98	0.55	1.22	10.9	9.9	30
E845063		3.37	36.8	0.12	3.3	0.038	5.94	<0.5	20.6	0.51	164	0.33	1.81	9.6	21.3	10
E845064		2.61	43.5	0.08	4.3	0.046	7.73	<0.5	25.8	0.63	149	0.61	0.89	8.2	18.2	<10
E845065		1.79	40.8	0.06	2.9	0.047	6.65	<0.5	15.5	0.41	79	0.27	1.2	9.9	11.4	20
E845066		1.71	41.5	0.07	4.5	0.047	6.93	<0.5	13.8	0.36	57	0.3	1.29	10.2	9.5	10
E845067		2.64	41.1	0.09	3	0.043	7.22	<0.5	16.8	0.45	84	0.42	1.16	6.9	16.1	10
E845068		3.44	35.1	0.11	2.8	0.039	5.13	<0.5	20	0.46	179	0.4	2.3	7	19.5	20
E845069		4.9	18.9	0.26	3.7	0.328	0.95	27.5	12.5	1.21	572	35.2	3.54	8.9	158	530

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845039		5.8	321	<0.002	<0.01	0.97	19	1	4	77.4	0.37	<0.05	21	0.141	2.9	4
E845040		4	327	<0.002	<0.01	0.76	18.1	<1	3.8	81.1	0.39	<0.05	18.9	0.145	2.82	3.6
E845041		4	300	<0.002	<0.01	0.69	18.5	<1	3.2	83.8	0.38	<0.05	19.2	0.141	2.84	3.5
E845042		4.2	306	<0.002	<0.01	0.69	19.4	<1	3.3	86.1	0.38	<0.05	19.4	0.13	2.89	3.6
E845043		4.3	305	<0.002	<0.01	0.63	18	<1	3.4	87.5	0.39	<0.05	19.6	0.153	2.94	3.3
E845044		4.2	303	<0.002	<0.01	0.64	19.4	<1	3.7	91.9	0.35	<0.05	20.6	0.133	2.89	3.3
E845045		4	317	<0.002	<0.01	0.84	18.2	<1	3.5	80.1	0.38	<0.05	21.2	0.136	2.6	4.4
E845046		4.9	321	<0.002	<0.01	0.68	19.9	<1	3.6	87.9	0.34	<0.05	23	0.15	2.82	3.6
E845047		4.6	339	<0.002	<0.01	0.82	21.4	1	4	100.5	0.56	<0.05	22.1	0.215	3.03	4.1
E845048		4.4	274	<0.002	<0.01	0.63	18	<1	3.1	92.7	0.37	<0.05	20.2	0.144	2.66	3.6
E845049		4.6	295	<0.002	<0.01	0.82	18.7	1	3.2	91.2	0.39	<0.05	21.4	0.151	2.63	4.2
E845050		4.8	252	<0.002	<0.01	0.38	17.7	<1	3.3	115.5	0.48	<0.05	19.5	0.131	2.56	2.9
E845051		6.3	222	<0.002	0.12	0.54	15.9	<1	2.7	117.5	0.35	0.09	22.1	0.121	2.03	5.2
E845052		6.5	235	<0.002	0.01	0.45	16.6	<1	2.5	119	0.45	<0.05	23.2	0.139	2.05	2.5
E845053		5.6	266	<0.002	0.02	0.61	16.6	<1	3	117.5	0.75	<0.05	15.6	0.222	2.09	5
E845054		5	234	<0.002	0.03	0.41	15.6	<1	2.9	104	0.48	<0.05	20.7	0.144	1.84	2.8
E845055		5	226	<0.002	0.1	0.39	16.8	<1	2.7	112.5	0.43	<0.05	18.1	0.154	1.92	2.4
E845056		5.2	247	<0.002	0.01	0.4	15.8	<1	3	115	0.55	0.06	22	0.168	1.99	2.6
E845057		4.7	253	<0.002	0.09	0.45	16	<1	2.9	113	0.61	0.05	21.7	0.188	2.14	2.7
E845058		4.7	250	<0.002	0.1	0.4	14.8	1	3.3	90.8	0.46	<0.05	21.3	0.153	1.78	2.7
E845059		4.8	261	<0.002	0.02	0.35	15.6	<1	3.6	107	0.49	<0.05	22.2	0.154	2.02	2.6
E845060		5.3	231	<0.002	0.02	0.42	14	<1	3.7	135.5	0.48	<0.05	21.1	0.164	1.44	2.8
E845061		5.4	342	<0.002	<0.01	0.37	19.9	<1	5.3	136	0.69	<0.05	26.8	0.186	2.37	3.3
E845062		8.3	383	<0.002	0.03	0.41	21.3	<1	5.9	130	0.64	<0.05	23.1	0.216	2.86	4.7
E845063		5.7	346	<0.002	0.05	0.43	19.1	<1	6.3	124	0.64	<0.05	25	0.224	2.25	3.8
E845064		5.8	399	<0.002	0.01	0.39	20.4	<1	8.6	129	0.57	<0.05	22.8	0.242	2.96	4.6
E845065		5.4	420	<0.002	<0.01	0.43	22.1	<1	7.1	135.5	0.74	<0.05	28.8	0.238	2.84	3
E845066		5.8	411	<0.002	<0.01	0.42	22.8	<1	6.5	141	0.68	<0.05	27.4	0.24	2.95	4.6
E845067		4.7	448	<0.002	<0.01	0.35	22.5	<1	7.5	118.5	0.47	<0.05	23	0.222	2.66	3.2
E845068		5.8	341	<0.002	<0.01	0.45	19.6	<1	5.6	129.5	0.42	<0.05	28.9	0.17	2.16	3.8
E845069		89.5	43.3	0.027	0.28	0.32	16.8	2	7.5	162.5	1.07	0.07	14.7	0.318	0.23	223

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07088980

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E845039		88	4.8	10.1	13	91.9
E845040		86	3.3	8.6	9	91.3
E845041		88	2.2	9.4	14	89.4
E845042		85	2.1	9.5	13	89.7
E845043		90	3.1	8.5	10	82.8
E845044		83	3.7	9.6	10	85.5
E845045		80	3.8	8.4	9	74.5
E845046		93	3.1	9.1	12	80.3
E845047		97	3.8	9	7	93
E845048		85	1.4	10.4	15	77.6
E845049		77	2.1	8.3	12	82.1
E845050		81	1.7	11	15	77
E845051		69	1.2	11.1	24	67.7
E845052		68	1.8	9.3	12	64.8
E845053		77	2.5	13.7	10	153.5
E845054		65	1.7	9	17	75.2
E845055		75	1.6	7.2	19	61.6
E845056		68	2.8	8.3	8	75.8
E845057		68	3.1	9	9	78.1
E845058		63	6.2	6.7	8	69.9
E845059		68	5.6	6.8	6	70.1
E845060		68	8.7	4	10	68
E845061		84	12	3.7	5	89.1
E845062		102	12	6.3	7	142.5
E845063		113	14.1	4.4	8	105.5
E845064		134	15.2	5.1	11	143.5
E845065		113	15.8	4.3	5	94.7
E845066		114	12.5	6.5	4	148.5
E845067		118	14.3	4.1	4	96.1
E845068		96	12.3	5	8	89.3
E845069		198	8.5	17.1	128	117

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2007
Account: EIAFRG

CERTIFICATE TR07090597

Project: Werneckes

P.O. No.: FRG07-01

This report is for 138 Drill Core samples submitted to our lab in Terrace, BC, Canada on 27-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07090597

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E845299	3.37	<0.005	0.05	11.2	1.8	1410	4.73	0.03	0.1	<0.02	159.5	4.3	60	19.15	9.7
E845300	3.25	0.005	0.01	10.25	10.1	1330	4.48	0.3	0.09	<0.02	101.5	3.5	60	16.85	31.9
E845301	1.62	0.005	0.05	8.47	2.3	1020	3.43	0.09	0.1	0.02	84.3	6.3	53	12.55	34.7
E845302	4.04	<0.005	0.06	10.95	3.5	1390	4.84	0.17	0.11	<0.02	205	7.1	65	19.1	73.9
E845303	2.14	0.006	0.01	11	1.3	1400	5.37	0.15	0.12	<0.02	126	6.4	61	21.5	31.4
E845304	0.96	0.008	<0.01	11.1	1.3	1430	5.39	0.08	0.13	<0.02	113	8.4	65	22	9.8
E845305	0.79	0.007	0.01	10.25	1.1	1360	4.55	1.42	0.49	0.02	182.5	10.2	61	18.7	16.6
E845306	4.26	0.005	<0.01	10.6	1.6	1490	4.69	0.04	0.07	<0.02	196.5	2.9	65	18.7	15
E845307	5.67	<0.005	<0.01	11.35	0.6	1670	4.49	0.01	0.08	<0.02	237	3.6	59	19.45	9.1
E845308	0.90	<0.005	<0.01	8.64	1.4	1350	3.59	0.04	0.07	<0.02	157.5	4.5	47	14.15	58
E845309	3.41	<0.005	0.01	7.68	1.2	1220	2.71	0.08	0.13	<0.02	159	5.6	53	11.95	79.2
E845310	3.63	<0.005	<0.01	9.98	1.1	1860	3.81	0.04	0.12	<0.02	153	4.7	63	17.7	11.6
E845311	5.77	<0.005	<0.01	10.1	0.9	1820	3.67	0.01	0.13	<0.02	67	1.9	63	18.1	4.2
E845312	3.02	<0.005	0.02	9.29	1.1	1500	3.39	0.02	0.23	<0.02	29.1	2.3	54	16.25	2.9
E845313	0.61	<0.005	0.07	8.28	1.5	1160	3.21	0.01	0.25	<0.02	54.5	4.4	47	14.1	17.4
E845314	4.54	<0.005	0.02	10.45	0.8	1540	3.73	0.01	0.15	<0.02	63.7	2.7	62	18.15	6.5
E845315	2.77	0.009	0.01	10.3	0.6	1440	3.13	<0.01	0.13	<0.02	44.9	1.9	55	17.05	11.9
E845316	4.14	<0.005	0.06	8.91	2.2	1150	2.82	0.06	0.12	<0.02	69.3	8.2	58	15.1	77.3
E845317	4.45	<0.005	0.04	11.05	0.8	1300	2.69	0.07	0.16	<0.02	89.6	3.6	62	18.15	12.4
E845318	3.47	<0.005	0.02	10.35	0.9	1230	3.34	0.05	0.18	<0.02	68.7	2.1	60	18.6	4.3
E845319	1.70	<0.005	0.04	10.4	0.8	1170	3.35	0.07	0.19	<0.02	61.9	10.7	59	17.05	12.4
E845320	0.46	<0.005	0.05	6.49	1.2	680	1.87	0.07	0.5	<0.02	17.75	11.6	38	8.71	4.8
E845321	2.21	<0.005	0.03	10.4	<0.2	1160	3.39	0.03	0.18	<0.02	71.8	2.5	56	17.8	1.4
E845322	1.88	<0.005	0.03	10.95	0.5	1200	3.58	0.03	0.16	<0.02	72.3	2.8	60	18.85	1.7
E845323	3.62	<0.005	0.07	10.85	0.3	1150	3.36	0.04	0.13	<0.02	52.3	3.1	67	19.05	2.6
E845324	3.50	<0.005	0.04	9.08	0.4	1060	3.15	0.05	0.13	<0.02	81.7	4.6	65	16	13.8
E845325	0.39	<0.005	0.09	7.03	1.6	720	2.44	0.04	0.59	<0.02	62.1	9.3	52	14.65	22.9
E845326	3.34	<0.005	0.02	9.78	0.7	1190	2.99	0.21	0.09	<0.02	67.8	3.4	56	14.65	7.2
E845327	1.52	<0.005	0.03	11.85	0.4	1500	3.45	0.03	0.11	<0.02	17.25	2.6	69	17.95	2.7
E845328	0.83	0.008	0.09	3.08	1.8	340	0.94	0.05	0.33	0.02	13	5.4	35	6.08	7.3
E845329	5.09	<0.005	<0.01	12.25	0.9	1430	3.71	0.05	0.12	<0.02	37.7	3.1	71	21.9	6.6
E845330	1.65	<0.005	0.01	8.25	1.7	1010	2.68	0.24	0.14	<0.02	67.4	7.1	52	14.15	9.1
E845331	5.00	<0.005	0.03	11.3	0.8	1310	3.32	0.05	0.12	<0.02	334	4.8	74	21.7	8.5
E845332	1.38	<0.005	0.01	11.8	0.9	1350	3.68	0.05	0.1	<0.02	41	3	66	21.6	8.4
E845333	0.58	<0.005	0.1	13.6	2	1420	4.82	0.02	0.12	<0.02	36.8	8.2	84	25.6	8.3
E845334	0.44	<0.005	0.05	11.35	0.7	1320	3.87	0.05	0.09	<0.02	22.8	2.7	63	20.8	3.8
E845335	0.47	<0.005	0.39	4.78	2.8	480	1.5	0.09	0.86	<0.02	52.2	13	37	9.57	14.5
E845336	0.06	0.911	38.3	4.77	1485	520	0.69	35.9	6.94	0.29	26.3	46.3	288	1.41	4850
E845337	0.42	<0.005	0.09	10.9	1.8	1180	3.58	0.08	0.06	<0.02	62.3	5.4	56	20.7	7.7
E845338	3.57	<0.005	0.09	10.35	1	1070	3.11	0.07	0.26	<0.02	44.9	4.6	64	19.3	13.1

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845299		3.88	38.5	0.2	4.3	0.105	3.67	74.6	14.8	0.37	97	0.97	0.23	7.5	21.5	470
E845300		3.91	34.1	0.16	4	0.096	3.71	47.8	14	0.35	89	0.94	0.21	7	24.1	410
E845301		5.98	26.7	0.16	3.6	0.066	3.24	41.5	23.2	0.49	204	1.82	0.16	3.7	36.2	360
E845302		4.71	37.4	0.25	4	0.101	3.74	97.7	20.2	0.43	144	1.39	0.21	5.9	23.3	460
E845303		3.99	36.2	0.2	4	0.118	3.85	59.7	16.8	0.56	109	1.46	0.23	7.2	37.9	580
E845304		4.4	35.6	0.19	3.8	0.124	3.86	52.4	19	0.61	139	1.29	0.23	6.6	39.1	630
E845305		4.04	33.1	0.21	3.2	0.099	3.43	90.6	16.1	0.46	650	4.27	0.21	5.8	23.2	610
E845306		5.65	36.6	0.23	3.7	0.082	3.42	95.3	13.9	0.38	108	0.98	0.22	5.1	18.3	330
E845307		3.38	37.3	0.25	4.2	0.071	3.76	115	13.1	0.43	91	0.72	0.23	8.8	13.4	390
E845308		2.87	28.9	0.18	3.3	0.053	2.84	79.5	13.8	0.39	120	1.12	0.18	5.1	14.6	350
E845309		5.56	24.1	0.2	2.3	0.045	2.55	82.1	13.3	0.34	151	1.1	0.16	3	23.2	540
E845310		4.75	32.2	0.19	3.1	0.061	3.43	77.1	8.2	0.26	37	0.51	0.21	6.8	11.8	600
E845311		3.77	32.5	0.15	3.7	0.065	3.62	33.3	8.6	0.25	54	1.52	0.23	7.8	15.3	510
E845312		2.97	29.7	0.12	3.3	0.056	3.57	14	9	0.28	88	1.06	0.21	6.9	16.2	860
E845313		3.5	26	0.14	2.8	0.05	3.08	28.5	15.9	0.31	170	1.17	0.18	6.5	18.6	1040
E845314		3.62	32.6	0.15	3.6	0.065	3.71	31.7	10.6	0.32	89	1.15	0.24	6.6	20.2	590
E845315		2.96	31.5	0.14	3.8	0.059	3.64	21.8	9.9	0.28	95	0.78	0.23	6.9	12.9	420
E845316		5.45	27.1	0.16	3	0.055	2.85	34.5	9.9	0.26	88	1.09	0.2	5	13.2	510
E845317		4.04	31.6	0.24	3.5	0.066	4.92	47.2	12.8	0.46	104	0.92	0.27	6.3	30.3	620
E845318		3.15	29.5	0.26	3.4	0.06	4.74	34	8.3	0.27	63	0.36	0.28	6.6	12.8	590
E845319		3.22	30.8	0.24	3.3	0.058	4.58	31.4	19.8	0.6	164	0.49	0.26	4.2	33.3	690
E845320		4.41	18.6	0.2	2	0.035	2.45	8.9	28	0.94	394	0.84	0.14	1.8	56.2	880
E845321		2.45	30.3	0.23	3.7	0.055	4.7	35.1	10.2	0.35	87	0.51	0.28	7.1	17.2	600
E845322		2.73	31.8	0.2	3.5	0.065	4.97	35.1	10.9	0.37	86	0.6	0.29	6.4	18.8	590
E845323		3.75	30.8	0.22	3.5	0.062	4.93	23.4	12.7	0.42	98	0.63	0.29	5.2	24.6	550
E845324		3.51	28.9	0.25	3.3	0.056	4.43	38	15.3	0.41	133	0.78	0.27	4.7	23.2	610
E845325		4.53	20.4	0.23	2.3	0.039	2.97	32.1	21.4	0.34	243	1.67	0.17	3.4	20.2	2700
E845326		2.21	28.9	0.21	3.7	0.054	4.49	33.9	10.5	0.28	86	0.95	0.27	6.1	10.3	430
E845327		2.39	35.1	0.19	4.1	0.063	5.49	8.2	9.5	0.27	62	0.89	0.35	9.8	9.2	520
E845328		4.29	8.74	0.14	1.2	0.018	1.25	6.8	5.8	0.14	185	1.41	0.09	0.9	18.1	1340
E845329		2.4	35.5	0.18	3.6	0.073	5.48	18.2	7.3	0.28	54	0.9	0.38	9.1	11	590
E845330		2.84	22.8	0.23	2.4	0.044	3.39	36	8.7	0.32	135	2.26	0.24	4.6	24.1	610
E845331		3.27	34.6	0.55	3.2	0.071	4.74	164	10.6	0.36	103	2.32	0.32	7	23.6	510
E845332		1.79	34.5	0.18	3.6	0.074	5.11	21.6	7.2	0.24	55	0.49	0.35	10	8.5	470
E845333		2.3	38.8	0.19	3.6	0.088	6	16.3	20.5	0.38	248	1.43	0.37	9.3	16.3	510
E845334		2.56	31.8	0.19	2.8	0.071	4.93	11.4	8.6	0.26	59	0.53	0.32	7	11.5	400
E845335		8.08	14.15	0.28	1.2	0.031	1.78	29.6	22.8	0.29	682	2.6	0.11	1.4	34.6	130
E845336		4.22	14.3	0.48	0.7	0.185	1.52	19.3	10.6	0.86	1830	749	0.68	1.8	19.9	610
E845337		2.48	30.7	0.19	3.6	0.072	4.67	32.8	13.2	0.28	158	2.21	0.29	6.2	13.2	190
E845338		4.68	27.3	0.2	2.7	0.063	4.37	23.7	10.5	0.3	165	1.43	0.29	4.2	26.7	620

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845299		3.3	286	<0.002	<0.01	0.87	20.4	2	4.9	27	0.53	<0.05	27.6	0.193	1.82	4.3
E845300		2.8	256	<0.002	0.02	0.83	18.5	2	4.3	25.1	0.55	0.07	21.6	0.184	1.69	3.6
E845301		4.7	233	<0.002	0.01	1.31	13.7	2	3.6	21.8	0.24	0.05	22.4	0.192	1.13	3.9
E845302		3.6	284	<0.002	0.01	1.2	20.5	2	4.9	26.5	0.41	0.05	26.2	0.175	1.81	5.1
E845303		2.8	297	<0.002	<0.01	0.9	20.6	3	4.7	28.5	0.53	0.08	26.9	0.197	1.93	4.7
E845304		2.6	280	<0.002	<0.01	1.03	20.5	2	4.7	28.2	0.51	0.06	25.3	0.172	1.93	4.2
E845305		3.1	255	<0.002	0.01	0.88	19.2	2	4.6	26.8	0.44	0.86	23.8	0.201	1.73	4.8
E845306		3.1	259	<0.002	<0.01	1.07	20.5	2	6.7	29.8	0.44	<0.05	27.4	0.252	1.83	3.7
E845307		3.4	293	<0.002	<0.01	0.83	19.8	2	6.1	33	0.68	<0.05	25.7	0.247	1.97	4.1
E845308		4.4	226	<0.002	<0.01	0.71	14.5	2	5	28.4	0.48	<0.05	21	0.14	1.43	3.7
E845309		4.1	203	<0.002	<0.01	0.95	12.2	2	5.1	25.1	0.29	0.05	19.4	0.188	1.2	2.9
E845310		2.8	265	<0.002	0.01	0.73	18.3	2	4.6	36.4	0.52	<0.05	21.5	0.259	1.88	3
E845311		2.9	272	<0.002	<0.01	0.83	18.7	2	4.6	40	0.61	<0.05	23.1	0.228	1.96	3.4
E845312		3.3	263	<0.002	<0.01	0.66	17.2	2	3.4	38.8	0.53	<0.05	20.4	0.169	1.78	3
E845313		2.9	256	<0.002	<0.01	1	15.2	2	3.3	34	0.53	<0.05	20.5	0.16	1.55	3.6
E845314		3.1	276	<0.002	<0.01	0.68	19.3	2	3.7	44.5	0.53	<0.05	23.1	0.179	2.1	3.4
E845315		3.1	290	<0.002	<0.01	0.69	18	2	3.9	42.6	0.55	<0.05	21.8	0.184	1.97	3.4
E845316		3.5	239	<0.002	0.02	0.95	15.6	2	3.9	42.7	0.39	<0.05	19.5	0.185	1.75	3
E845317		3.3	392	<0.002	<0.01	0.71	19.9	1	3.3	63.8	0.46	0.06	18.4	0.187	2.46	3.1
E845318		3.9	381	<0.002	<0.01	0.64	16.6	1	3.5	67.2	0.5	<0.05	19.3	0.183	2.42	3.2
E845319		4	355	<0.002	0.01	0.86	16.5	1	3.5	65.7	0.28	<0.05	19.2	0.142	2.29	3.2
E845320		4.5	195.5	<0.002	0.01	0.57	8.3	1	2	33.9	0.11	<0.05	10.1	0.064	1.18	4.4
E845321		3.2	374	<0.002	<0.01	0.6	16.8	1	3.8	67.8	0.51	<0.05	18.7	0.18	2.34	3.3
E845322		3.3	393	<0.002	<0.01	0.57	17.7	1	3.8	72.2	0.45	<0.05	19.2	0.17	2.51	3.4
E845323		3.5	383	<0.002	<0.01	0.51	17.5	1	3.6	70.8	0.37	<0.05	17.8	0.154	2.59	3.4
E845324		3.6	334	<0.002	<0.01	0.54	14.8	1	4	56.7	0.33	<0.05	12.3	0.147	2.27	3.2
E845325		3.2	244	<0.002	<0.01	1.04	10.9	1	3.3	41.7	0.23	<0.05	10.8	0.177	1.38	3.2
E845326		3.6	345	<0.002	<0.01	0.59	16	1	4.3	54.4	0.41	0.12	21.5	0.162	2.05	3.4
E845327		3.3	412	<0.002	<0.01	0.59	19.9	1	5.1	70.6	0.67	<0.05	16.8	0.23	2.56	3.4
E845328		4	104	0.002	<0.01	0.76	4.3	2	1.6	23.9	0.07	<0.05	3.2	0.123	0.64	1.9
E845329		3.6	411	0.002	<0.01	0.57	18.3	2	5.4	76.2	0.69	<0.05	18.4	0.212	2.75	4.8
E845330		4.4	266	0.002	<0.01	0.64	10.4	2	4.1	53.1	0.37	0.17	15.7	0.134	1.6	4.8
E845331		3.5	364	0.003	<0.01	0.67	17.1	3	4.1	72.8	0.54	<0.05	26.9	0.175	2.47	4.7
E845332		3.5	391	0.002	<0.01	0.74	17.6	2	4.3	77.9	0.72	<0.05	21	0.226	2.73	3.8
E845333		4.3	460	0.002	<0.01	1.03	19.7	2	5.3	82.9	0.69	<0.05	25.4	0.239	3.03	4.3
E845334		3.1	381	<0.002	<0.01	0.68	16.7	2	5	69.8	0.52	<0.05	17.8	0.191	2.51	2.9
E845335		7.7	146	<0.002	<0.01	1.75	5.5	2	2.5	26.9	0.09	<0.05	4.3	0.06	0.88	3.1
E845336		71	39.1	0.086	0.8	90.8	5.9	6	4.4	299	0.12	3.9	1.6	0.127	0.26	2.7
E845337		4.4	361	<0.002	<0.01	0.84	15.5	2	4.2	63.8	0.44	<0.05	17.7	0.164	2.38	4.1
E845338		3.2	337	<0.002	<0.01	0.67	14.2	2	3.7	62.9	0.31	<0.05	17.4	0.136	2.38	3.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E845299		86	4	13.6	8	122.5
E845300		80	3.6	11	8	109.5
E845301		73	4.7	10.6	19	105
E845302		88	4.3	16.8	13	113
E845303		88	4	15.4	11	117
E845304		92	3.9	14.4	12	109
E845305		87	4.1	18.2	11	95.6
E845306		97	6.8	12.2	8	109
E845307		88	5.6	14	8	121.5
E845308		60	4.5	9.9	12	97.1
E845309		66	5.3	9.1	12	71.4
E845310		87	4	10.5	4	92.7
E845311		89	4	10.6	5	108.5
E845312		76	2.7	9.7	7	97.8
E845313		68	2.9	11.7	9	84.8
E845314		89	2.5	12.4	7	107.5
E845315		78	2.9	11.2	6	112.5
E845316		81	4.2	10	7	93.6
E845317		97	1.9	11.6	7	108
E845318		86	2	10.7	4	103
E845319		83	3.7	10.2	12	102
E845320		55	2.8	7.3	22	64.2
E845321		83	2.8	11.2	5	112
E845322		87	2.5	11.5	6	113.5
E845323		95	2.2	10.9	7	110
E845324		91	3.4	9.4	9	104
E845325		75	5.3	12.3	13	72.8
E845326		80	5.5	10.1	7	117
E845327		99	5.9	10	5	126.5
E845328		43	2.7	7	11	39.1
E845329		99	6.1	10.3	5	120
E845330		65	4.6	8	11	81.5
E845331		85	3	15.3	7	105.5
E845332		88	3.2	11.9	5	120.5
E845333		103	4.3	13.2	13	116
E845334		87	5.5	9.4	4	93.9
E845335		61	5.2	13.4	18	42.2
E845336		63	17.5	10.6	126	23.1
E845337		79	4.2	11.3	10	120
E845338		84	3.8	10.1	6	90.5

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E845339		0.04	<0.005	0.02	0.05	0.4	10	<0.05	0.01	0.01	<0.02	2.79	0.1	2	<0.05	0.8
E845340		4.43	<0.005	0.02	11.35	1.1	1210	3.43	0.04	0.1	<0.02	171.5	3.3	63	21.1	5.2
E845341		2.12	<0.005	0.11	12.55	0.6	1360	3.73	0.02	0.09	<0.02	44.5	4.1	75	22	4.4
E845342		0.64	<0.005	0.04	6.18	1.2	630	1.84	0.03	0.15	<0.02	12.65	7.3	36	10.65	3.3
E845343		5.57	<0.005	<0.01	11.6	1.2	1360	3.56	0.02	0.07	<0.02	40	5.6	65	19.15	6
E845344		1.43	<0.005	0.01	11.2	0.8	1260	3.65	0.03	0.09	<0.02	56.9	4.2	66	19.15	15.6
E845345		2.54	<0.005	0.03	10.5	0.7	1160	3.21	0.02	0.1	<0.02	19.35	3.9	61	17.85	11.1
E845346		5.40	<0.005	0.01	11	1	1250	3.51	0.04	0.1	<0.02	54.1	4.7	64	20.3	10.5
E845347		3.42	<0.005	0.01	11.4	0.8	1200	3.88	0.02	0.1	<0.02	21.3	4.4	65	21.3	5.8
E845348		0.45	<0.005	0.02	12.15	2	1240	5.33	0.02	0.11	<0.02	38.8	12.7	66	24.6	7.9
E845349		5.44	<0.005	0.03	10.9	1	1190	3.63	0.21	0.11	<0.02	86.8	4.1	64	19.65	5.3
E845350		4.65	0.018	<0.01	10.7	0.9	1260	3.66	0.03	0.54	<0.02	64.7	4.4	66	21.7	5.4
E845351		1.78	<0.005	0.06	10.7	0.8	1180	3.39	0.06	0.23	<0.02	27.1	4.3	63	20.8	5.4
E845352		5.12	<0.005	0.01	11.05	0.9	1200	3.54	0.04	0.35	<0.02	51.6	3.4	58	22	4.2
E845353		3.33	<0.005	<0.01	9.25	0.4	1080	2.58	0.03	0.22	<0.02	33.3	4.8	50	18.8	2.8
E845354		0.90	<0.005	0.03	10.2	0.5	1130	2.98	0.04	0.13	<0.02	74	1.8	58	20.8	2.3
E845355		5.85	<0.005	0.01	9.56	0.5	1080	2.71	0.04	0.14	0.02	71.6	3.3	57	19.1	2.3
E845356		5.71	<0.005	0.01	9.25	0.7	1060	2.55	0.03	0.09	<0.02	26.8	2.1	53	17.1	4
E845357		5.45	<0.005	0.03	10.75	0.7	1180	4.32	0.15	0.16	0.04	88.7	4.2	61	23	2.8
E845358		4.64	<0.005	0.03	9.24	0.8	1040	4.08	0.07	0.19	<0.02	64.7	4	59	19.6	3.4
E845359		2.02	<0.005	0.02	10.75	1	1220	4.98	0.04	0.12	<0.02	81.2	7.3	65	21.9	1.5
E845360		3.68	<0.005	0.02	6.91	1.4	500	2.68	0.07	0.48	0.02	10.25	10	42	7.51	5
E845361		3.53	<0.005	0.01	9.42	0.6	1050	3.93	0.03	0.11	<0.02	62.8	5.1	57	19.8	1.1
E845362		2.55	<0.005	0.02	10	0.5	950	3.63	0.07	0.11	<0.02	125.5	7.2	58	21.3	0.7
E845363		5.16	<0.005	0.12	10.1	0.7	1060	3.79	0.03	0.13	<0.02	183	7.8	57	22	0.8
E845364		2.93	<0.005	0.02	9.92	0.7	1100	4.23	0.03	0.11	<0.02	126	9.5	60	21.7	3.4
E845365		2.62	<0.005	0.02	10.6	1	1220	4.69	0.02	0.14	<0.02	161	9.4	62	23.8	1.6
E845366		3.44	<0.005	0.12	9.28	1.9	970	4.13	0.04	0.22	0.03	37.2	21.3	54	16.35	2.3
E845367		3.24	<0.005	0.1	10.35	1.3	1180	4.91	0.04	0.14	<0.02	42.2	12.5	61	22.1	20.8
E845368		4.62	<0.005	0.06	9.99	0.7	1080	3.43	0.02	0.14	<0.02	67.1	11.4	61	20.8	5.8
E845369		4.17	<0.005	0.03	9.34	1	850	3.64	0.04	0.17	<0.02	45.8	19.2	53	14.5	8.2
E845370		5.83	<0.005	0.02	10.9	1.1	1280	3.72	0.02	0.09	<0.02	44.3	13.4	65	23.5	6.1
E845371		5.73	<0.005	0.01	10.05	0.6	1250	4.08	0.05	0.1	<0.02	35.5	2.8	59	19.75	1.1
E845372		4.81	<0.005	0.02	10	0.9	1130	3.86	0.02	0.09	<0.02	14.3	6.1	52	15.75	2.1
E845373		4.23	<0.005	0.05	9.83	1.1	1120	4.5	0.03	0.09	<0.02	18.9	3.4	49	15.9	6.1
E845374		0.87	0.005	0.04	9.82	1	490	4.22	0.09	0.12	<0.02	3.52	13.3	19	7.94	31.7
E845375		0.70	<0.005	0.02	9.45	1.4	1080	4.1	0.02	0.06	0.02	18.3	13.1	50	17.15	58.3
E845376		0.06	0.935	37.9	4.34	1370	500	0.85	34.4	6.7	0.44	24	44.8	262	1.29	4180
E845377		0.07	0.008	0.05	0.05	0.9	10	<0.05	0.02	0.01	<0.02	2.75	0.1	1	<0.05	2.7
E845378		2.29	<0.005	0.05	12.6	1.3	950	4.71	0.02	0.14	<0.02	1.78	11.6	53	15.8	14

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845339		0.02	0.23	0.07	0.9	<0.005	0.01	1.6	1.9	<0.01	<5	0.18	<0.01	0.1	0.4	10
E845340		2.7	32.1	0.33	3.2	0.07	4.88	85.8	10.1	0.29	89	1.22	0.3	7.2	14.1	460
E845341		3.27	34.1	0.18	3.4	0.075	5.59	23.2	11.7	0.32	99	1.11	0.33	5.1	16	390
E845342		3.24	16.05	0.13	1.5	0.035	2.44	6.8	12.2	0.22	189	1.84	0.15	1.7	17.6	630
E845343		2.59	31.7	0.19	3.4	0.068	5.01	20.3	9.7	0.26	84	0.76	0.32	7.2	11.9	300
E845344		2.58	31.1	0.2	2.9	0.068	4.88	28.1	8.8	0.24	54	0.69	0.37	7	10.9	430
E845345		2.78	28.7	0.15	3.1	0.064	4.48	9.4	8	0.22	60	0.62	0.3	6.6	11	470
E845346		2.44	31.4	0.2	3.8	0.066	4.83	27.2	9.8	0.26	76	0.58	0.33	7.9	13.3	470
E845347		3.15	32.2	0.16	3.4	0.074	4.91	9.8	12.2	0.34	95	0.75	0.32	6.2	16.9	390
E845348		2.93	34.5	0.18	4	0.08	5.46	15.9	21.5	0.38	177	1.47	0.31	7.2	17	450
E845349		3.45	30.2	0.24	2.9	0.064	4.55	42	12.4	0.34	92	0.65	0.32	5.4	22.4	480
E845350		2.91	31.5	0.22	2.7	0.069	4.78	31.8	10.5	0.33	290	0.95	0.36	6	19.4	530
E845351		3.46	28.9	0.17	2.7	0.061	4.52	13.1	14.1	0.35	145	0.65	0.33	5.4	19.6	480
E845352		3.43	30.2	0.21	2.9	0.065	4.61	25.9	15.2	0.39	220	0.73	0.4	5.5	20.8	450
E845353		2.34	24.7	0.12	2.8	0.053	3.98	16.8	12.3	0.34	148	0.79	0.34	7.2	13.2	400
E845354		2.5	26.7	0.15	2.6	0.059	4.64	36.5	7.9	0.28	59	0.6	0.37	6.7	13.7	450
E845355		3.39	25.1	0.16	2.6	0.055	4.16	36.4	9.9	0.33	111	0.84	0.33	5.5	24.6	370
E845356		3.05	24.1	0.13	2.8	0.056	3.92	13.6	7.1	0.21	78	0.98	0.33	6.6	13.4	260
E845357		3.31	31.2	0.12	3	0.063	4.5	45.4	12.1	0.3	95	0.91	0.42	7.8	21.3	380
E845358		4.12	26.8	0.11	2.7	0.054	3.77	34.3	13.2	0.24	135	1.23	0.52	4.8	24.3	320
E845359		3.26	31.3	0.11	3.3	0.064	4.43	42.5	19.5	0.49	137	0.84	0.44	6.2	25.4	350
E845360		5.12	13.45	0.05	1.4	0.024	1.78	5.5	28.2	0.62	402	2.35	1.59	2.6	25.2	40
E845361		2.69	27.4	0.08	2.5	0.054	3.98	32.9	16.1	0.44	102	0.51	0.34	6.3	27.7	390
E845362		3.45	28.5	0.13	3	0.06	4.04	63.3	23.5	0.68	165	0.52	0.35	7.3	47.1	460
E845363		3.65	29.6	0.18	2.6	0.059	3.97	98.1	22.6	0.61	176	0.83	0.35	6.4	45.7	490
E845364		3.37	28.8	0.15	2.4	0.065	4.11	63.5	19.3	0.48	138	0.86	0.36	6.7	32.2	450
E845365		2.95	31	0.16	2.5	0.068	4.36	81.2	25.3	0.59	201	1.04	0.38	7.2	24.8	440
E845366		4.29	23.5	0.07	2	0.046	3.29	19.7	33.6	0.65	352	2.2	1.01	4.9	29.3	450
E845367		3.37	28.9	0.09	2.5	0.065	4.21	21.8	16.6	0.44	130	1.16	0.49	7.1	17.1	420
E845368		2.65	28.1	0.1	2.7	0.049	3.78	35.2	26.7	0.7	190	0.43	1.04	6.5	19.9	370
E845369		2.93	21.9	0.07	1.9	0.04	2.88	24.7	31.8	0.87	272	0.7	1.72	6.8	30.1	240
E845370		2.62	30.5	0.09	2.5	0.059	4.26	24	24.5	0.49	172	1.21	0.85	6.6	19.4	240
E845371		1.57	29.5	0.08	2.3	0.052	4.1	18.5	13.8	0.32	65	0.28	0.93	6.8	11.7	290
E845372		1.65	25.8	0.06	2.1	0.037	3.72	7.9	20.2	0.47	113	0.3	1.21	7.2	13.9	140
E845373		1.08	26.7	0.07	3.2	0.019	3.75	9.8	13.6	0.32	56	0.29	0.95	9.7	7.5	220
E845374		1.74	13.85	0.07	1.6	0.018	2.19	1.9	31	0.68	190	0.83	3.49	7.6	17	10
E845375		1.73	26.4	0.09	2.1	0.021	3.89	9.8	16.2	0.35	108	1.54	0.37	8.9	12.6	200
E845376		4.1	13.4	0.29	0.2	0.209	1.45	18.1	15.1	0.8	1710	713	0.66	1.8	20.9	550
E845377		0.02	0.16	0.05	0.3	<0.005	0.01	1.6	2.3	<0.01	<5	0.91	<0.01	0.2	0.5	<10
E845378		1.23	28.5	0.06	2.1	0.029	3.69	1	19.3	0.36	127	0.54	3.62	10.2	8.5	10

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845339		1.2	0.7	<0.002	0.01	<0.05	0.2	2	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02	0.3
E845340		3.2	372	<0.002	<0.01	0.66	16.7	2	4.7	64.4	0.53	<0.05	20.1	0.187	2.67	3.4
E845341		3	420	<0.002	<0.01	0.57	17.2	2	5.7	66.6	0.35	<0.05	18.6	0.162	2.91	4
E845342		4.1	195	<0.002	<0.01	0.67	7.8	1	2.7	33.7	0.09	<0.05	4.4	0.081	1.26	2
E845343		3.8	381	<0.002	<0.01	0.68	16.3	2	4.7	60.9	0.51	<0.05	18.8	0.182	2.56	3.6
E845344		3.4	369	<0.002	<0.01	0.61	16.4	2	5.1	62.6	0.52	<0.05	19.7	0.19	2.59	4.2
E845345		3	341	<0.002	<0.01	0.54	15	2	4.5	62.4	0.46	<0.05	16.3	0.162	2.47	3.6
E845346		3.2	362	<0.002	<0.01	0.58	16.1	2	4.8	69.3	0.59	<0.05	18.9	0.182	2.76	4
E845347		3.4	374	<0.002	<0.01	0.67	16.9	2	4	70.5	0.45	<0.05	20.7	0.158	2.75	3.9
E845348		3.3	412	<0.002	<0.01	1.19	17.9	2	4.2	68.4	0.52	<0.05	20.6	0.186	2.84	5.3
E845349		3.3	342	<0.002	<0.01	0.56	15.4	2	3.5	73.8	0.39	0.12	19.7	0.15	2.65	3.2
E845350		3.7	345	<0.002	<0.01	0.53	16.9	2	3.9	85.1	0.44	<0.05	19.8	0.167	2.88	3.8
E845351		3.9	340	<0.002	<0.01	0.55	15.3	2	4.1	83.3	0.41	<0.05	19	0.162	2.63	3.1
E845352		3.7	341	<0.002	<0.01	0.59	15.8	2	4	91.3	0.4	<0.05	20.5	0.159	2.85	3.4
E845353		3.5	295	<0.002	0.01	0.54	13.2	1	4.6	81.1	0.52	<0.05	14.3	0.165	2.64	2.7
E845354		3.1	322	<0.002	<0.01	0.42	14.5	1	4.1	90.3	0.5	<0.05	17.8	0.171	2.98	2.6
E845355		3.2	294	<0.002	<0.01	0.4	13.9	1	3.6	79	0.39	<0.05	16.7	0.141	2.67	2.9
E845356		3.4	284	<0.002	<0.01	0.42	13.3	1	3.6	74.7	0.46	<0.05	16.4	0.144	2.47	2.9
E845357		4.5	312	<0.002	<0.01	0.51	18.8	1	4.4	97.9	0.49	<0.05	21.8	0.145	2.99	3.5
E845358		4	263	<0.002	<0.01	0.42	15.6	1	3.7	93.4	0.32	<0.05	19.7	0.101	2.51	4.1
E845359		3.9	309	<0.002	<0.01	0.39	19	1	3.8	99.8	0.41	<0.05	21.4	0.133	2.81	4.2
E845360		5.3	119	<0.002	<0.01	0.39	5.3	1	1.6	55.7	0.18	<0.05	10.8	0.05	0.9	6.8
E845361		3.7	272	<0.002	<0.01	0.48	16.5	1	3.6	87.2	0.47	<0.05	19	0.139	2.62	3.2
E845362		4	272	<0.002	<0.01	0.52	17.2	1	3.5	95.3	0.45	0.05	20.4	0.128	2.82	3.4
E845363		4.1	279	<0.002	<0.01	0.54	18.1	1	3.7	94.3	0.45	<0.05	21.2	0.127	2.82	3.3
E845364		4	270	<0.002	<0.01	0.55	17.3	1	3.7	87.9	0.44	<0.05	20.5	0.136	2.7	3.4
E845365		4.1	292	<0.002	<0.01	0.62	18.9	1	4.1	90.7	0.54	<0.05	25	0.155	2.71	4.1
E845366		4.4	218	<0.002	<0.01	0.52	12.7	1	2.8	73.5	0.31	<0.05	15.1	0.096	1.77	6.1
E845367		4.5	277	<0.002	0.01	0.6	17.1	1	3.7	92.8	0.48	<0.05	20.8	0.142	2.51	3.8
E845368		4.8	244	<0.002	<0.01	0.5	17.3	1	3.5	100.5	0.47	<0.05	20.8	0.141	2.15	3.5
E845369		4.5	194	<0.002	<0.01	0.55	12.1	1	2.5	84.3	0.44	<0.05	11.3	0.134	1.57	4
E845370		5	278	<0.002	<0.01	0.6	18.5	1	3.9	113.5	0.49	<0.05	21.3	0.137	2.55	3.9
E845371		4.9	266	<0.002	<0.01	0.53	18.3	1	3.7	113	0.52	<0.05	20.2	0.14	2.36	2.9
E845372		4.6	249	<0.002	<0.01	0.52	15.2	1	3.1	107	0.48	<0.05	19.1	0.133	1.85	2.6
E845373		4.8	251	<0.002	<0.01	0.57	16.1	1	3.1	127	0.69	<0.05	19.1	0.173	1.92	3.6
E845374		3.5	160	<0.002	<0.01	0.53	4.3	1	1.5	109	0.33	<0.05	18	0.091	0.87	2.1
E845375		4.6	264	<0.002	<0.01	0.72	15.6	1	3.2	105	0.57	<0.05	19.4	0.152	1.81	3.8
E845376		71.4	31.3	0.066	0.72	91.7	6.7	5	3.1	283	0.12	3.68	1.5	0.114	0.29	2.5
E845377		1.1	0.2	<0.002	0.01	0.08	0.2	1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02	0.2
E845378		4.4	257	<0.002	<0.01	0.75	15	1	4.3	138.5	0.59	<0.05	23.6	0.161	1.48	2.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E845339		1	0.1	2	3	28.5
E845340		85	4.3	11.3	5	105.5
E845341		100	7.2	11	5	115.5
E845342		51	3	5.9	11	50.7
E845343		85	4.5	10.6	6	116
E845344		89	5.1	10.1	5	99
E845345		84	4.8	9.6	5	98.9
E845346		84	4.2	12.4	6	123
E845347		85	2.1	10.8	8	115.5
E845348		93	2.1	14.9	9	140.5
E845349		80	2	10.4	8	101
E845350		88	2.3	11.6	8	91.2
E845351		80	3.5	9.4	9	88.3
E845352		80	2.6	10.9	10	94.9
E845353		66	4.4	9.1	8	88.5
E845354		82	3.8	10.6	5	78.8
E845355		75	2.6	11	10	81.9
E845356		68	3.1	9	6	87
E845357		85	4	12.7	8	121.5
E845358		71	10.9	12.9	6	106.5
E845359		87	2.5	15.8	12	134.5
E845360		42	3	5.3	22	65.5
E845361		76	3.8	13	10	106
E845362		83	2.4	19.1	17	116.5
E845363		84	1.8	15	15	109.5
E845364		86	2.7	14.5	12	104.5
E845365		89	3.1	14.4	14	105.5
E845366		68	4	7.4	18	83.7
E845367		83	3	8.8	10	98.8
E845368		86	3.2	9.8	15	110.5
E845369		62	2.6	6.7	20	86.5
E845370		91	3.1	9.5	11	106.5
E845371		85	3.4	8.4	7	94.2
E845372		69	2.6	6.8	10	87.4
E845373		68	4.2	10.6	6	137.5
E845374		21	2.9	5.2	17	83.6
E845375		67	5.1	9.5	13	96
E845376		61	16.3	9.6	111	20.1
E845377		1	<0.1	1.8	4	25.8
E845378		58	10.6	5.9	9	97.7

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E845379		2.43	<0.005	0.02	14.75	0.8	1580	5.75	0.02	0.08	<0.02	2.58	7.7	71	20.6	13.6
E845380		1.29	<0.005	<0.01	14.1	0.6	1600	5.8	0.02	0.08	<0.02	16.45	4.4	79	21.2	14.2
E845381		2.81	<0.005	0.01	12.45	1.8	1380	4.03	<0.01	0.08	<0.02	3.01	9.7	83	18.9	35.3
E845382		2.26	<0.005	<0.01	11.55	1	1080	3.73	<0.01	0.07	<0.02	7.38	19.4	83	15.7	42.9
E845383		4.67	<0.005	0.01	9.11	1.1	930	2.66	<0.01	0.08	<0.02	47.4	16.4	59	15.85	31.4
E845384		2.41	<0.005	<0.01	8.9	<0.2	980	2.84	<0.01	0.1	<0.02	193	9.6	57	16.1	18.1
E845385		1.74	<0.005	<0.01	9	0.8	1030	2.65	<0.01	0.05	<0.02	80.2	8.5	54	15.25	13.4
E845386		5.90	<0.005	0.01	8.52	0.3	420	1.78	<0.01	0.18	<0.02	104.5	5.1	51	5.88	15.5
E845387		4.68	<0.005	0.07	9.73	3.3	940	2.44	0.05	0.11	<0.02	144	4.3	61	12.85	5.1
E845388		2.36	<0.005	0.03	10.55	<0.2	810	2.5	0.05	0.11	<0.02	134.5	4	56	11.35	9.2
E845389		2.46	<0.005	0.04	9.43	<0.2	680	2.32	0.02	0.13	<0.02	103	3.7	49	9.98	9.4
E845390		5.14	0.007	0.05	9.23	<0.2	810	2.25	<0.01	0.12	<0.02	101	6.1	52	12.15	9.9
E845391		5.37	<0.005	0.01	8.25	<0.2	750	1.83	<0.01	0.15	<0.02	104	8.8	54	11.65	9.6
E845392		4.12	0.006	<0.01	9.43	0.2	960	2.48	<0.01	0.08	<0.02	201	6.8	63	15.95	5.4
E845393		1.59	<0.005	0.01	8.48	3	580	2.1	0.2	0.37	<0.02	192.5	11.9	48	14.4	31.2
E845394		5.33	<0.005	0.02	7.78	1.1	520	1.92	0.02	0.17	<0.02	105	7.3	44	10.85	11.2
E845395		5.19	<0.005	0.06	8.32	4.8	610	2.08	0.15	0.06	<0.02	132.5	16.7	47	11.35	23.9
E845396		1.11	<0.005	0.02	7.9	1	590	1.94	<0.01	0.04	<0.02	68.2	7.3	48	12.35	11.3
E845397		3.58	<0.005	0.02	8.25	3.2	640	2.08	0.01	0.08	<0.02	137	13	51	13.5	11.9
E845398		3.79	<0.005	0.02	8.84	1.2	510	2.32	0.06	0.09	<0.02	118	22.5	52	13.8	42.7
E845399		5.19	<0.005	<0.01	8.14	1.1	720	2.39	0.12	0.07	<0.02	92.5	16.5	48	14.2	65.8
E845400		4.47	<0.005	<0.01	10.05	<0.2	1290	3.29	0.09	0.04	<0.02	81	4.6	65	16.65	28
E845401		5.29	<0.005	<0.01	9.54	<0.2	1100	2.86	0.01	0.15	<0.02	180.5	3.8	59	15.1	14.6
E845402		3.84	<0.005	<0.01	8.76	<0.2	740	2.51	<0.01	0.08	<0.02	242	7.8	54	13.5	58.4
E845403		6.80	<0.005	<0.01	8.46	<0.2	660	2.12	<0.01	0.07	<0.02	137.5	12.7	52	14.15	16.1
E845404		5.53	0.019	<0.01	8.66	<0.2	570	2.09	<0.01	0.08	<0.02	116.5	11.2	52	15.1	138
E845405		6.16	<0.005	<0.01	8.77	<0.2	510	2.38	<0.01	0.11	<0.02	107	14.8	53	14.85	32.5
E845406		5.53	0.005	0.06	8.66	<0.2	530	2.7	0.1	0.18	<0.02	111	16.7	50	15.25	474
E845407		4.75	0.005	<0.01	8.68	1.2	600	2.9	0.06	0.21	<0.02	105	21.8	59	16.25	329
E845408		5.01	0.012	0.02	8.21	<0.2	670	2.49	0.06	0.09	<0.02	185.5	26.7	52	15.9	372
E845409		1.92	<0.005	0.02	8.88	<0.2	750	3.29	<0.01	0.11	<0.02	154	13.2	39	16.55	29.4
E845410		2.59	<0.005	0.01	8.89	<0.2	620	2.64	<0.01	0.45	<0.02	150	13.1	37	12.45	25.5
E845411		4.88	<0.005	<0.01	8.94	<0.2	750	3.26	<0.01	0.1	<0.02	322	23.7	41	15.1	25.5
E845412		4.76	<0.005	0.01	9.44	0.2	830	3.38	0.01	0.22	<0.02	321	50	54	16.2	12.2
E845413		5.82	<0.005	0.06	10.25	1.6	610	3.74	0.11	0.22	<0.02	165	34.8	49	13.75	14.5
E845414		5.15	<0.005	0.03	8.77	0.5	500	2.67	0.02	0.11	<0.02	192.5	12	62	13.9	7.4
E845415		4.07	<0.005	0.03	10.75	0.6	700	3.72	0.02	0.17	<0.02	83.4	7.9	73	15.5	3.8
E845416		6.61	0.005	0.09	10.8	0.6	1150	4.42	0.08	0.14	<0.02	118.5	3.4	62	15.85	35.5
E845417		0.13	0.005	0.02	0.06	<0.2	10	<0.05	<0.01	0.01	0.02	2.92	0.1	1	0.06	1.3
E845418		5.88	0.005	0.03	10.45	0.6	1110	5.3	0.02	0.11	<0.02	72.2	2.5	61	15.75	2.9

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845379		1.58	39.1	0.1	2.3	0.047	5.45	1.4	18.4	0.43	77	0.37	2.45	11.8	11.2	10
E845380		1.37	39	0.14	2.6	0.042	5.23	8.6	16	0.38	55	0.26	2.24	14.1	8.7	30
E845381		1.96	32.9	<0.05	4.8	0.039	4.6	1.2	18.6	0.43	128	0.27	2.65	12.3	16	<10
E845382		2.73	31.4	<0.05	3.4	0.036	4.07	3.1	29.1	0.59	229	0.44	2.56	9	25.5	20
E845383		2.19	25.7	0.06	2.5	0.04	3.77	23.4	15.3	0.36	120	0.77	0.58	6.1	14.8	290
E845384		1.44	28.1	0.16	2.5	0.035	3.7	92.9	15.5	0.38	106	0.35	0.46	8.1	16.3	470
E845385		1.37	27.4	0.08	2.8	0.031	3.8	39	18	0.44	120	0.22	0.43	8.3	17.9	200
E845386		0.88	16.35	0.1	2.5	0.012	1.48	52.2	12.9	0.33	124	0.21	5.38	9.8	9.6	50
E845387		0.98	25.4	0.14	2.6	0.033	3.29	68.8	18.2	0.34	116	0.25	1.87	7.9	8	110
E845388		0.91	25.7	0.14	2.5	0.024	2.94	63.6	16.6	0.35	102	0.19	3.57	8.3	7.4	100
E845389		0.78	23.2	0.14	2.1	0.022	2.51	49.3	14.9	0.29	94	0.15	3.9	7.1	6.5	70
E845390		1.69	24.1	0.12	2.2	0.023	3.01	50	23.4	0.64	190	0.19	1.52	6	28.3	210
E845391		2.21	23	0.12	2	0.03	2.77	52.2	25.7	0.8	242	0.27	0.98	5	30	240
E845392		2.11	27.9	0.2	2.2	0.03	3.54	101	28.1	0.79	207	0.35	0.59	6.7	32.8	350
E845393		1.9	24	0.21	2.1	0.03	2.81	87.8	27.5	0.64	331	2.01	1.24	5.2	31.1	300
E845394		1.83	21.4	0.12	2.1	0.017	2.47	52.4	32	1.01	208	0.63	1.22	5.6	38.3	240
E845395		2.65	24.4	0.17	2.7	0.018	2.75	65.5	39.9	1.15	245	2.09	0.78	4.9	50.9	260
E845396		1.86	22.6	0.07	2	0.015	2.83	33.5	32.9	0.65	204	0.74	0.65	5.1	31.6	120
E845397		2.5	24.8	0.16	2.2	0.02	2.92	66.7	36	0.98	233	0.55	0.44	5	52	390
E845398		2.63	25.4	0.13	2.2	0.027	2.9	57	34.3	1.09	196	1.12	1.04	5.3	44.9	310
E845399		2.65	25.5	0.1	2.7	0.026	3.02	47.4	24.2	0.75	113	1.86	0.38	5.2	39.9	350
E845400		1.01	29	0.07	3.1	0.027	4.2	38.5	10.6	0.31	50	0.61	0.61	8.9	14.1	90
E845401		1.33	26.3	0.14	2.5	0.027	3.69	90	13.4	0.47	98	0.41	0.58	6.7	20.5	190
E845402		2.31	25	0.2	2.3	0.023	3.02	117.5	25.8	0.78	136	0.43	0.9	5.8	36.3	270
E845403		2.27	25.3	0.13	2.1	0.018	2.97	68.3	25.8	0.88	129	0.49	0.51	5.7	38.1	240
E845404		3.32	24.4	0.14	2.4	0.02	2.99	58.1	33.9	1.06	187	0.42	0.31	4.9	43.6	340
E845405		3.76	25.6	0.13	2.8	0.02	2.99	53.1	39.1	1.19	235	0.51	0.27	5.1	45.9	380
E845406		3.51	24.1	0.15	2.9	0.025	3.18	55.7	29.7	0.89	246	1.87	0.27	5.7	33.3	330
E845407		2.93	24.4	0.11	2.8	0.028	3.37	52	31.7	1.08	191	1.05	0.28	5.5	34.7	310
E845408		2.19	24.9	0.18	2.5	0.027	3.29	92.1	24.7	0.87	122	1.72	0.26	6.7	56.9	350
E845409		0.85	26	0.14	3.9	0.022	3.76	74	9.4	0.26	62	2.15	0.44	10.3	9	310
E845410		0.84	22.8	0.13	3.6	0.02	3.02	70.6	10.2	0.37	232	1.32	2.17	8	10.3	80
E845411		0.9	27.1	0.29	3.5	0.027	3.4	173.5	13.1	0.3	80	0.95	1.1	9.4	17.9	220
E845412		1.03	29.1	0.25	3.5	0.031	3.91	155.5	11.3	0.33	102	0.78	1.25	8.9	11.4	310
E845413		1.85	25.7	0.3	2.2	0.03	3.51	80.7	26.1	0.62	187	1.96	2.25	5.7	19.2	210
E845414		1.89	25.5	0.21	2.6	0.02	2.87	99.2	21.1	0.74	130	0.39	1.26	6.9	47.4	370
E845415		2.77	30.6	0.13	2.7	0.028	3.4	42.5	25.1	0.73	168	0.49	1.72	5.2	38.8	210
E845416		4.35	32	0.18	2.9	0.077	4.68	59.7	15.2	0.49	100	1.13	0.27	6.2	32	550
E845417		0.03	0.19	<0.05	0.8	<0.005	0.01	1.7	2.2	0.01	<5	0.05	<0.01	0.1	1.5	10
E845418		4.46	31.1	0.16	2.7	0.075	4.66	35.5	14.2	0.39	76	1.23	0.25	5.1	24.6	520

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845379		4.9	352	<0.002	<0.01	0.59	22.2	1	6.5	150	0.67	<0.05	34.5	0.199	2.06	2.7
E845380		5.1	337	<0.002	<0.01	0.59	22.4	1	6.2	147	0.82	<0.05	41.9	0.213	2.06	2.8
E845381		4.4	301	<0.002	<0.01	0.67	16.8	1	5	131	0.81	<0.05	23.6	0.219	1.86	4.1
E845382		3.4	264	<0.002	<0.01	0.71	16.5	1	4.3	104	0.6	<0.05	15	0.18	1.48	3.2
E845383		3.8	256	<0.002	0.01	0.67	14.7	1	3.5	89.5	0.48	<0.05	19.4	0.155	1.63	3
E845384		3.8	248	<0.002	<0.01	0.58	16.5	1	2.9	93.2	0.67	<0.05	21.3	0.194	1.75	2.6
E845385		3.6	258	<0.002	<0.01	0.52	15	1	2.9	82.7	0.67	<0.05	17.3	0.193	1.77	2.4
E845386		4.2	98.6	<0.002	<0.01	0.61	6.5	1	1.8	90.7	0.73	<0.05	22.1	0.191	0.63	2.3
E845387		3.9	227	<0.002	<0.01	0.52	15.4	1	2.8	80.4	0.65	<0.05	20.3	0.183	1.54	2.1
E845388		4.3	205	<0.002	<0.01	0.58	14.6	1	2.7	90.1	0.7	<0.05	24.1	0.18	1.34	2.2
E845389		4	169.5	<0.002	<0.01	0.52	11.6	1	2.3	86.5	0.6	<0.05	17.9	0.156	1.16	1.5
E845390		4.4	192.5	<0.002	<0.01	0.37	14	1	2.4	84.1	0.56	<0.05	20.3	0.145	1.64	1.9
E845391		3.7	181.5	<0.002	0.01	0.4	14.1	1	2.2	70.6	0.46	<0.05	16.7	0.124	1.39	1.7
E845392		4.3	231	<0.002	<0.01	0.43	17.3	1	2.9	93.2	0.59	<0.05	19.5	0.167	1.95	2
E845393		3.5	195.5	<0.002	0.02	0.78	14	1	2.1	68.7	0.48	0.1	17.4	0.123	1.48	2.9
E845394		3.6	162.5	<0.002	0.01	0.5	13	1	2	59.1	0.45	<0.05	16.1	0.122	1.28	2.1
E845395		4.4	180	<0.002	0.06	0.41	14	1	2.4	66.9	0.42	0.1	18.8	0.104	1.56	3.3
E845396		3.5	185.5	<0.002	0.01	0.33	13.2	1	2.5	70.5	0.44	<0.05	19.1	0.116	1.58	2.2
E845397		3.4	198	<0.002	0.01	0.44	14	1	2.6	67.4	0.45	<0.05	17.5	0.114	1.71	2.3
E845398		3.7	193.5	<0.002	0.03	0.55	15.1	1	2.3	73.2	0.45	0.06	20.3	0.123	1.69	2.5
E845399		4.1	203	<0.002	0.09	0.32	14	1	2.2	77	0.42	<0.05	20.8	0.112	1.82	3.9
E845400		4.7	266	<0.002	<0.01	0.35	17.3	1	2.6	99.2	0.71	<0.05	23.4	0.201	2.05	2.8
E845401		4.3	236	<0.002	<0.01	0.32	15.9	1	2.4	85.2	0.55	<0.05	22.7	0.164	1.84	2.3
E845402		4.4	198	<0.002	0.03	0.36	15.1	1	2.5	82.3	0.51	<0.05	21.7	0.133	1.72	2
E845403		4	193.5	<0.002	0.03	0.27	15.2	1	2.6	77.2	0.5	<0.05	17.5	0.13	1.8	2
E845404		3.7	184.5	<0.002	0.03	0.26	14.9	1	2.4	77.5	0.43	<0.05	18.6	0.112	1.91	2.3
E845405		3.6	189.5	<0.002	0.01	0.31	14.6	1	2.4	80.1	0.45	<0.05	18.6	0.111	1.89	2.6
E845406		3.8	213	<0.002	0.02	0.4	14.2	1	2.6	84.4	0.45	<0.05	20.2	0.11	1.9	3.6
E845407		3.7	219	<0.002	0.05	0.34	15.1	1	2.6	87.1	0.46	<0.05	19.3	0.117	1.86	2.7
E845408		3.6	227	<0.002	0.07	0.35	14.7	1	2.7	81.9	0.51	0.05	19	0.134	1.68	3.4
E845409		4	261	<0.002	<0.01	0.33	13.5	1	2.6	95.9	0.76	<0.05	21.1	0.148	1.94	4.7
E845410		4.5	204	<0.002	0.01	0.33	11.9	1	2.1	91	0.59	<0.05	22.7	0.121	1.39	3
E845411		3.9	242	<0.002	0.01	0.53	13.4	1	3	100.5	0.7	<0.05	23.4	0.147	1.7	4.1
E845412		4.1	254	<0.002	0.16	0.36	15.3	1	2.8	105.5	0.67	<0.05	24.2	0.171	1.81	3.2
E845413		4.7	204	<0.002	0.13	0.56	12.8	<1	3.2	94.3	0.38	<0.05	18.5	0.111	1.68	2.8
E845414		4.6	218	<0.002	0.01	0.46	13.4	1	2.7	86.9	0.55	<0.05	18.6	0.145	1.7	2.5
E845415		5.1	249	<0.002	0.01	0.46	16.3	1	3.3	110.5	0.4	<0.05	21.8	0.131	1.8	2.7
E845416		3.8	364	<0.002	0.02	0.69	17.6	1	3.8	19.6	0.45	<0.05	21.9	0.223	1.37	3.6
E845417		1.3	0.8	<0.002	0.01	0.05	0.2	1	<0.2	2	<0.05	<0.05	0.4	0.006	<0.02	0.6
E845418		2.6	355	<0.002	<0.01	0.63	16.7	1	3.6	16.1	0.38	<0.05	19.8	0.171	1.36	2.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E845379		85	11.5	6	9	92.2
E845380		84	24	7.6	8	105
E845381		79	10.3	5.9	12	129.5
E845382		81	9.6	5.5	18	99.3
E845383		68	6.9	7.5	10	73.5
E845384		67	3.8	8.9	10	71.8
E845385		65	2.8	6.9	13	76.5
E845386		35	4	5.1	11	71.7
E845387		64	2.9	6.2	9	73.6
E845388		59	3	6	9	74.7
E845389		50	2.4	4.8	8	64
E845390		59	2.1	6.1	18	62.4
E845391		59	1.6	5.7	24	56.5
E845392		77	2.1	7.2	22	64.5
E845393		58	1.8	7.9	17	61.2
E845394		56	1.9	6.2	18	64.4
E845395		58	1.6	7	25	72.8
E845396		58	1.8	4.6	17	56
E845397		61	2.3	6.4	24	61.2
E845398		61	1.7	7	18	63
E845399		56	1.5	7.8	9	74.8
E845400		74	2.6	6.6	5	83.6
E845401		68	2	8.2	6	71.4
E845402		63	2.2	9.2	11	62.9
E845403		63	2.1	7.5	10	60.5
E845404		63	1.7	8.7	12	68.1
E845405		64	1.2	11	13	75
E845406		59	1.8	12.8	11	82.7
E845407		66	1.8	10.7	11	72.7
E845408		61	3.7	12.2	10	73
E845409		55	6.6	12.1	4	97.1
E845410		46	4.9	9.3	5	87.7
E845411		52	7	14.7	5	86.9
E845412		68	5.8	10.5	5	90.4
E845413		66	2.2	8.3	10	75.1
E845414		63	1.9	8.9	12	87.3
E845415		79	2.3	8.7	14	94.9
E845416		88	2.5	10.6	10	98.3
E845417		1	<0.1	1.7	6	25.8
E845418		82	1.9	9.4	6	90.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E845419		5.45	<0.005	0.04	10.55	0.7	1030	6.54	0.05	0.11	<0.02	134.5	2.3	55	17.35	3.4
E845420		8.32	<0.005	0.03	10.4	0.4	1060	7.61	0.03	0.14	<0.02	143	2.3	60	17.75	21.6
E845421		7.07	<0.005	0.03	10.6	0.6	940	4.36	0.02	0.11	<0.02	148.5	2.2	58	19.6	15.1
E845422		5.70	<0.005	0.03	10.8	0.4	920	4.55	0.02	0.12	<0.02	143	2.1	60	20	3.6
E845423		7.30	<0.005	0.03	10.4	0.5	1130	4.47	0.03	0.14	<0.02	133.5	3	57	17.95	11.7
E845424		6.16	<0.005	0.04	10.7	0.3	1140	4.28	0.06	0.11	<0.02	117.5	4	57	19.25	38.4
E845425		6.06	<0.005	0.11	10.6	0.9	1180	4.25	0.05	0.13	<0.02	124	4.4	53	17.8	18.3
E845426		6.31	<0.005	0.03	10.7	0.7	1080	7.52	0.03	0.12	<0.02	171.5	5.2	62	19.75	18.8
E845427		7.99	<0.005	0.03	10.4	0.6	920	4.52	0.02	0.1	<0.02	144	3.2	59	19.2	11.3
E845428		8.50	<0.005	0.03	10.4	0.3	960	4.31	0.04	0.11	<0.02	136	4.2	58	18.95	24.9
E845429		7.93	<0.005	0.04	10.4	0.5	990	4.53	0.07	0.1	<0.02	133	4.3	58	19.15	57
E845430		3.69	<0.005	0.04	10.5	0.4	980	4.54	0.17	0.1	<0.02	121.5	4.5	61	18.2	160.5
E845431		3.95	<0.005	0.06	10.45	0.3	960	4.79	0.13	0.1	<0.02	126	3.7	58	18.95	88.1
E845432		8.38	<0.005	0.04	10.45	0.6	920	5.93	0.08	0.1	<0.02	126.5	4.5	59	18.15	33.1
E845433		8.14	<0.005	0.07	11.35	0.5	1070	5.28	0.05	0.13	<0.02	131	4.4	65	19.85	20.6
E845434		6.86	<0.005	0.03	11.6	0.5	1010	4.83	0.08	0.21	<0.02	185.5	3.1	60	19.05	3.8
E845435		0.05	<0.005	0.42	6.86	9.1	340	9.9	0.58	1.88	0.32	60.3	21.1	73	1.11	57.6
E845436		7.11	<0.005	0.04	10.55	0.3	870	4.57	0.03	0.13	<0.02	104.5	4.9	54	18.85	2.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845419		5.18	30.8	0.2	2.7	0.078	4.56	67.8	14	0.38	59	1.68	0.25	5.5	26.1	540
E845420		5.06	31.2	0.23	2.7	0.083	4.66	72.3	12.2	0.35	52	1.17	0.25	6.2	24.7	630
E845421		4.73	31.7	0.22	2.9	0.087	4.69	75.3	14.6	0.36	34	0.79	0.25	6.3	24	530
E845422		4.65	31.9	0.19	2.8	0.084	4.85	72.1	15.5	0.37	34	1.03	0.25	5.8	25.8	500
E845423		5.19	31.6	0.2	2.8	0.083	4.64	67	14.5	0.38	56	1.33	0.28	5	32.9	550
E845424		4.68	31.5	0.2	3.5	0.119	4.79	58.2	17.4	0.46	64	2.14	0.24	5.7	33.4	510
E845425		3.06	32.5	0.18	3.9	0.11	4.71	63.8	24	0.56	135	1.06	0.26	8.1	27.3	550
E845426		5.9	33.2	0.24	2.9	0.101	4.78	87.6	15.8	0.45	74	1.6	0.25	5.2	45.9	560
E845427		5.07	29.2	0.23	2.8	0.088	4.77	72.3	10.9	0.38	39	1.06	0.23	6.7	31.3	500
E845428		5.16	29.5	0.22	2.7	0.089	4.7	68	9.6	0.37	52	1.15	0.24	5.6	37.8	530
E845429		5.19	29.8	0.21	2.6	0.1	4.46	66.9	9.8	0.36	51	1.55	0.23	6	37.1	490
E845430		6.32	29.5	0.22	2.5	0.105	4.74	60.9	10.4	0.33	51	4.33	0.23	5	43.3	510
E845431		5.14	30.2	0.2	2.7	0.112	4.73	63.3	10.4	0.32	33	2.4	0.23	5.8	36.7	500
E845432		6.21	29.8	0.22	2.7	0.103	4.65	63.4	10.9	0.31	36	1.16	0.23	4.9	41.3	490
E845433		5.87	32.2	0.21	2.9	0.11	4.98	65.6	13	0.36	52	1.27	0.27	6	39	540
E845434		5.05	31.9	0.26	3.2	0.109	5.03	93.9	13.6	0.4	85	1.17	0.26	6.9	35.9	560
E845435		4.53	19.05	0.14	3.7	0.297	0.87	30.8	11.6	1.14	519	35.7	3.52	8.4	147	490
E845436		4.38	30.6	0.19	3.5	0.105	4.64	52.6	17.1	0.57	104	1.45	0.23	6.7	40.5	510

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845419		2.7	375	<0.002	<0.01	0.54	16.6	1	3.7	15.8	0.39	<0.05	20.8	0.192	1.41	3.2
E845420		2.7	372	<0.002	<0.01	0.58	16.1	1	3.9	15.9	0.44	<0.05	19.3	0.173	1.36	5.1
E845421		2.5	384	<0.002	<0.01	0.55	17.1	1	4.3	15.4	0.45	<0.05	21.6	0.188	1.48	3.5
E845422		2.5	393	<0.002	<0.01	0.58	16.8	1	4	15.2	0.41	<0.05	21.4	0.201	1.41	2.6
E845423		2.7	364	<0.002	<0.01	0.53	16.1	1	3.9	16.3	0.34	<0.05	19	0.153	1.25	2.7
E845424		2.7	382	<0.002	<0.01	0.58	16.8	1	4.3	14.6	0.37	<0.05	21.7	0.157	1.32	4.5
E845425		3.3	364	<0.002	<0.01	0.93	17.3	1	4.5	16.2	0.56	<0.05	20.3	0.195	1.26	5.2
E845426		3.1	366	<0.002	<0.01	0.66	18	1	4.2	16.7	0.36	<0.05	20.6	0.165	1.35	3.9
E845427		2.7	362	<0.002	<0.01	0.71	16	1	3.7	15	0.46	<0.05	20.7	0.248	1.41	3.1
E845428		2.6	363	<0.002	<0.01	0.61	16	1	3.6	15.6	0.39	0.05	20.7	0.182	1.42	3.4
E845429		2.4	356	<0.002	<0.01	0.61	16.2	1	3.6	15.9	0.41	0.07	20.7	0.151	1.4	3.7
E845430		2.6	361	<0.002	0.01	0.5	15.7	1	3.6	14.8	0.33	0.1	20	0.153	1.33	4.1
E845431		2.4	365	<0.002	0.01	0.52	16.1	1	3.8	15.2	0.4	0.08	20.5	0.165	1.4	3.7
E845432		2.6	362	<0.002	0.01	0.48	16	1	3.8	14.9	0.34	0.07	20.3	0.15	1.34	5.3
E845433		2.7	382	<0.002	<0.01	0.55	17.7	1	4.7	17.9	0.43	0.05	22	0.175	1.43	3.3
E845434		2.9	389	<0.002	<0.01	0.65	17.3	1	4	17.3	0.49	0.06	22.2	0.207	1.46	4
E845435		83.8	43.5	0.023	0.27	0.33	14.1	3	7.7	158.5	1.07	0.08	12.7	0.305	0.21	207
E845436		2.7	356	<0.002	<0.01	0.57	16.5	1	4	16.1	0.48	<0.05	22.3	0.168	1.42	4.2

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090597

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E845419		82	2.6	11.1	5	90.4
E845420		87	2.5	10.7	5	93.4
E845421		84	4.7	12.7	3	96.6
E845422		85	4.9	12.7	3	91.6
E845423		84	2.6	12.4	5	95.6
E845424		82	3.4	14.6	5	118.5
E845425		84	3.8	13.9	10	129.5
E845426		94	2.5	11.8	6	97.7
E845427		80	2.4	11.5	4	92
E845428		89	2.2	12	5	92.3
E845429		80	2.2	12.3	4	86
E845430		85	4.8	11	4	83.4
E845431		84	3	11.6	3	87
E845432		86	6.7	12.4	3	92.1
E845433		94	5.4	13.2	3	98.7
E845434		92	2.9	15.9	4	106.5
E845435		189	6.9	17.5	122	129
E845436		83	2.5	14.2	8	112

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE TR07091753

Project: Werneckes

P.O. No.: FRG07-01

This report is for 105 Drill Core samples submitted to our lab in Terrace, BC, Canada on 21-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E845070		1.10	<0.005		0.05	10.1	1.5	1080	4.11	0.01	0.13	<0.02	14.25	5.5	59	17.35
E845071		1.41	<0.005		0.03	10.1	1	1070	4.18	0.01	0.15	<0.02	18.05	4.8	58	16.25
E845072		1.03	<0.005		0.06	9.45	1.1	960	4.08	0.01	0.04	<0.02	8.7	4.1	53	16.35
E845073		2.50	<0.005		0.09	10	0.4	1130	3.97	0.01	0.05	<0.02	3.96	1.2	53	16.15
E845074		0.66	<0.005		0.04	10.05	<0.2	1000	4	0.02	0.1	<0.02	3.38	2.4	56	16.75
E845075		2.85	<0.005		0.04	9.13	1.4	940	3.81	0.03	0.08	<0.02	13.8	6.5	51	16.2
E845076		3.02	<0.005		<0.01	12.25	0.7	1520	4.87	<0.01	0.13	<0.02	7.29	1.8	68	19.55
E845077		2.19	<0.005		0.09	12.95	1.6	1220	4.31	0.04	0.2	0.02	3.29	1.7	70	16.95
E845078		0.06	<0.005		0.39	7.68	7	390	11.15	0.6	2.18	0.28	61.2	23	73	1.17
E845079		2.25	<0.005		0.08	9.81	0.8	1070	3.89	0.02	0.11	<0.02	19.35	7.4	47	19.1
E845080		1.71	<0.005		0.13	10.1	1.1	1120	3.74	0.02	0.21	<0.02	8.44	7.2	47	19.25
E845081		1.23	<0.005		0.29	9.55	2.5	1000	3.58	0.15	0.08	0.02	88	18.6	47	19.45
E845082		1.75	0.006		0.37	10.1	0.8	1110	3.76	0.05	0.09	<0.02	10.55	3.6	49	17.95
E845083		4.92	<0.005		0.14	10.4	1	1060	3.95	0.04	0.14	<0.02	53.8	7.7	51	18.05
E845084		2.22	<0.005		0.08	10	1.4	770	2.87	0.03	0.12	<0.02	41	4.8	41	13.35
E845085		1.21	<0.005		0.14	10.55	6	740	3.69	0.39	0.28	0.06	91.1	22.9	48	15.4
E845086		4.25	0.005		0.13	10.7	7.6	860	3.02	0.38	0.26	0.06	90.6	9.9	54	14.65
E845087		4.62	<0.005		0.05	10.4	0.9	960	3.21	0.08	0.11	0.02	17.95	4.9	47	14.9
E845088		4.54	<0.005		0.13	12.45	1.1	1370	4.56	0.03	0.07	<0.02	3.7	3.6	65	18.95
E845089		1.56	<0.005		0.1	13.75	0.9	1610	5.37	0.06	0.05	<0.02	9.03	5.5	74	22.5
E845090		0.80	<0.005		0.08	11.9	0.4	1500	4.56	0.02	0.02	<0.02	4.25	2.2	63	20.3
E845091		4.41	<0.005		0.05	11.1	<0.2	1260	4.09	0.02	0.06	<0.02	3.97	2.5	54	17.7
E845092		5.49	<0.005		0.04	10.7	<0.2	1150	3.67	0.02	0.07	<0.02	7.8	1.4	53	15.4
E845093		5.89	<0.005		0.05	10.6	0.5	1180	3.82	0.03	0.07	<0.02	5.94	2.4	54	16.2
E845094		5.06	<0.005		0.05	10.75	0.4	920	3.74	0.02	0.12	<0.02	12.45	1.6	53	12.75
E845095		2.57	<0.005		0.05	10.9	<0.2	740	3.28	0.02	0.18	<0.02	3.85	1.6	36	8.75
E845096		4.84	<0.005		0.04	10.8	0.4	870	3.72	0.03	0.15	<0.02	115.5	6.8	46	12.55
E845097		5.39	<0.005		0.03	8.2	0.4	290	2.04	0.03	0.16	<0.02	41.4	4	22	4.15
E845098		5.69	<0.005		0.04	7.58	0.4	270	1.61	0.02	0.21	<0.02	54.2	3.8	22	4.27
E845099		5.49	<0.005		0.04	8.93	0.3	580	2.62	0.03	0.08	<0.02	147.5	5.5	38	11.2
E845100		5.47	<0.005		0.06	8.99	<0.2	870	3.51	0.02	0.2	<0.02	207	9.6	53	15.35
E845101		3.21	<0.005		0.05	11.65	0.2	1330	4.26	0.02	0.08	<0.02	217	2.7	57	17
E845102		0.23	<0.005		0.02	10.7	0.2	670	3.59	0.03	0.23	<0.02	198.5	2	31	8.78
E845103		0.07	<0.005		0.01	0.07	<0.2	10	<0.05	<0.01	0.01	<0.02	3.25	0.1	<1	0.05
E845104		1.48	<0.005		0.04	14.95	0.2	1840	5.76	0.02	0.17	<0.02	126.5	3.1	78	21.3
E845105		0.37	<0.005		0.03	15.25	0.2	2270	5.91	0.11	0.13	<0.02	152.5	1.8	84	22
E845106		5.20	<0.005		0.05	15.3	<0.2	2150	5.67	0.02	0.07	<0.02	322	1.9	97	24.8
E845107		2.14	<0.005		0.05	11.35	<0.2	1410	4.11	0.02	0.08	<0.02	22.3	1.4	60	15.65
E845108		0.26	<0.005		0.06	11.55	0.6	1310	4.17	0.02	0.04	<0.02	36.2	1.9	77	19.35
E845109		5.76	<0.005		0.07	9.64	0.8	860	3.37	0.03	0.19	<0.02	315	5.4	49	14.45

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E845070		18.4	1.69	29.9	0.09	2.6	0.037	4.22	6.3	14	0.35	90	0.43	0.69	7.8	9.4
E845071		16.9	1.53	29.4	0.09	2.6	0.039	4.16	7.9	13.8	0.33	92	0.5	0.86	7.7	9
E845072		12.9	1.38	27.3	0.08	2.8	0.034	4.03	3.6	24.6	0.43	142	0.35	0.43	8.2	9
E845073		18.5	0.95	29.1	0.06	2.8	0.031	4.23	1.9	10.3	0.27	37	0.25	0.69	9.2	5.9
E845074		12	0.94	30.1	0.07	2.6	0.036	4.36	1.6	12.2	0.28	60	0.33	0.43	7.4	5.8
E845075		11.3	0.9	27.1	0.07	2.7	0.032	3.99	6.5	7.6	0.24	32	0.29	0.54	7.8	5.4
E845076		48	1.11	35.5	0.06	3.5	0.035	5.14	3.5	10.6	0.33	41	0.13	1.71	9.7	6.5
E845077		9.1	1	30.7	<0.05	3	0.032	4.17	1.6	11.5	0.34	61	0.18	3.88	7	7.6
E845078		62.1	5.05	19.75	0.14	4.6	0.319	0.97	30.9	12.1	1.25	577	39.5	3.84	9.1	161
E845079		9.4	0.83	28.2	<0.05	2.9	0.033	4.15	9.3	9.9	0.27	81	0.54	0.57	6.8	5.4
E845080		30.3	0.94	26.7	<0.05	2.7	0.031	4.2	5.1	10.2	0.32	110	1.95	0.34	7.3	10.4
E845081		47.6	1.82	24.9	0.15	2.3	0.028	3.76	45.7	21.9	0.59	159	2.04	0.32	4.4	27
E845082		7	0.82	25.6	<0.05	2.7	0.028	3.87	5.2	10.5	0.3	54	0.75	0.79	6.8	7.9
E845083		6.5	1.08	27.6	0.08	3	0.031	3.97	27.3	14.5	0.44	84	0.35	1.13	8.4	16.1
E845084		12	0.78	22.1	<0.05	2	0.026	3.06	21.2	10.9	0.3	99	0.5	2.21	6.2	8.5
E845085		27.2	1.38	25.2	0.08	2.7	0.04	3.4	47.4	26	0.63	219	2.16	1.8	6.5	18.7
E845086		20.2	1.46	24.4	0.09	2.6	0.033	3.67	46.4	18.6	0.62	129	0.9	1.69	7	18.4
E845087		9.1	0.74	25.3	<0.05	2.6	0.027	3.7	9.5	10.5	0.29	66	0.44	1.5	7	5.4
E845088		7.8	0.74	32.6	<0.05	4.3	0.031	4.81	1.8	9.6	0.27	40	0.26	1.88	9.6	3.7
E845089		7.2	0.87	36.3	<0.05	4.9	0.052	5.82	3.9	10.1	0.32	47	0.47	1.27	12.1	5.2
E845090		2	0.7	32.6	<0.05	4.9	0.041	5.1	2	7.1	0.25	24	0.13	0.78	10.6	3.2
E845091		4.3	0.64	28.4	<0.05	3.3	0.037	4.35	2	6.1	0.22	26	0.16	1.27	9.2	3.1
E845092		3.5	0.64	27	<0.05	2.9	0.034	3.89	3.9	6.9	0.23	31	0.2	1.64	7.8	3.1
E845093		10.7	0.65	26.7	<0.05	3.2	0.032	3.99	3	6.6	0.23	30	0.34	1.47	10.3	3.2
E845094		15.9	0.52	24.4	<0.05	3.7	0.031	3.35	5.6	5.7	0.17	31	0.31	3.41	8.8	2.9
E845095		15.3	0.41	19.5	<0.05	3	0.02	2.37	1.9	4.4	0.15	32	0.17	5.07	8.5	2.2
E845096		12.5	0.84	24.4	0.13	2.9	0.028	3.27	58.4	8.8	0.3	69	0.17	2.83	7.9	9.9
E845097		11.6	0.27	12.35	<0.05	1.7	0.01	1.09	20.9	2.8	0.09	25	0.27	5.44	5.5	3.9
E845098		8.2	0.68	11.9	0.05	1.6	0.011	1.12	28.1	10.4	0.26	139	0.49	4.06	4.8	6.6
E845099		3.8	1.31	21.8	0.17	2.3	0.018	2.61	77.1	17.9	0.52	136	0.34	1.94	5	23.6
E845100		5.9	1.53	27.2	0.26	2.8	0.029	3.56	92.5	19.7	0.53	195	0.42	1.05	7	25.5
E845101		4.6	0.87	31.7	0.27	3.3	0.036	4.56	108	9.7	0.3	48	0.24	1.46	9.5	5
E845102		30	0.44	21	0.25	1.2	0.021	2.29	95.2	5.7	0.15	45	0.25	5.87	4.9	2.7
E845103		1.5	0.02	0.17	<0.05	0.7	<0.005	0.01	1.8	1.8	<0.01	<5	0.06	0.01	0.1	0.6
E845104		14	0.84	41.8	0.16	2.9	0.044	5.59	58.4	8.7	0.27	35	0.15	2.36	9.3	4.5
E845105		6.6	0.89	44.5	0.19	3	0.05	6.18	69.4	9.2	0.28	30	0.09	2	8	4.2
E845106		9.5	0.92	47.2	0.4	4.4	0.05	6.36	152	10	0.29	36	0.15	1.42	11.8	5
E845107		5.9	0.65	29.4	<0.05	3.3	0.033	4.22	10.5	7	0.22	27	0.55	1.61	8.1	4.1
E845108		5.1	0.67	32.4	0.05	3.3	0.034	4.57	16.9	8.1	0.25	30	0.43	1.39	8.9	3.3
E845109		13.5	1.54	24.9	0.39	2.4	0.027	3.09	159.5	22.4	0.56	165	0.28	1.35	6.4	28.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845070		90	4.8	300	<0.002	0.02	0.46	16.6	1	4.8	95.4	0.5	<0.05	20.3	0.158	1.94
E845071		140	5.9	291	<0.002	0.02	0.43	16.5	1	4.6	98.4	0.5	<0.05	19.7	0.157	1.88
E845072		50	4.5	293	<0.002	<0.01	0.52	15.4	1	4.3	84.7	0.51	<0.05	19.7	0.152	1.88
E845073		70	3.8	288	<0.002	<0.01	0.34	16.8	1	4.4	99	0.61	<0.05	20.8	0.177	2.02
E845074		100	3.7	299	<0.002	<0.01	0.36	17.7	1	4.7	90.1	0.53	<0.05	20.4	0.164	2.1
E845075		250	3.9	277	<0.002	0.04	0.41	15.3	1	3.9	90.6	0.56	<0.05	16.5	0.152	2.07
E845076		30	4.8	328	<0.002	0.01	0.53	19.1	2	4.7	130.5	0.66	<0.05	23.1	0.21	2.35
E845077		40	7.3	273	<0.002	<0.01	0.62	16.5	1	3.9	142	0.45	<0.05	20.8	0.163	1.61
E845078		570	90.3	52.2	0.028	0.29	0.36	15.6	3	7.9	176.5	1.15	0.07	13.9	0.333	0.2
E845079		60	5.5	286	<0.002	<0.01	0.44	17.6	1	3.5	93.6	0.47	<0.05	18.9	0.15	1.93
E845080		150	12.1	290	<0.002	<0.01	0.83	16.4	1	3.6	94.9	0.51	<0.05	20.6	0.156	1.98
E845081		260	9.9	265	<0.002	0.03	0.74	14.7	2	3	93.2	0.32	0.08	19.4	0.112	1.87
E845082		110	5	273	<0.002	<0.01	0.39	15.4	1	3.3	101.5	0.47	<0.05	20.9	0.148	1.84
E845083		150	4.7	273	<0.002	0.02	0.55	16.4	1	3.6	104.5	0.62	<0.05	23.4	0.18	1.84
E845084		110	18.8	211	<0.002	<0.01	0.49	12.4	1	2.7	86.8	0.44	<0.05	18.4	0.146	1.32
E845085		260	5.9	246	<0.002	0.09	1.32	13.9	2	3.2	72.8	0.49	<0.05	19.1	0.15	1.54
E845086		350	9.2	243	<0.002	0.06	2.19	13.3	1	3.2	99.5	0.52	<0.05	18.6	0.182	1.54
E845087		110	4.5	252	<0.002	<0.01	0.48	14.1	1	3.2	96.7	0.53	<0.05	18.7	0.162	1.66
E845088		20	5.3	328	<0.002	<0.01	0.45	18.8	1	4.1	122.5	0.64	<0.05	19.8	0.192	2.01
E845089		40	4.5	407	<0.002	0.01	0.51	21.5	1	4.9	112	0.75	<0.05	18.6	0.237	2.43
E845090		10	4.5	340	<0.002	<0.01	0.32	18.9	1	4.3	101	0.65	<0.05	20.9	0.192	2.22
E845091		60	3.9	295	<0.002	<0.01	0.33	16.4	1	3.7	97.8	0.61	<0.05	13.2	0.182	1.85
E845092		30	3.9	269	<0.002	<0.01	0.32	15.6	1	3.3	91.8	0.53	<0.05	19.8	0.174	1.55
E845093		20	4.4	269	<0.002	0.01	0.39	15.6	1	3.5	93	0.71	<0.05	15.4	0.225	1.55
E845094		20	5.4	206	<0.002	<0.01	0.35	12.3	1	3.1	100.5	0.64	<0.05	11	0.183	1.37
E845095		10	5.4	160	<0.002	<0.01	0.3	8.9	1	2.2	131.5	0.63	<0.05	9.3	0.153	0.96
E845096		220	29.6	212	<0.002	0.03	0.32	12.1	1	2.9	109	0.61	<0.05	15.7	0.167	1.42
E845097		30	5.8	70.9	<0.002	0.01	0.29	4.2	1	1.2	96.2	0.41	<0.05	11.5	0.11	0.45
E845098		40	5.8	73.5	<0.002	<0.01	0.34	5	1	1.2	68.5	0.36	<0.05	12	0.102	0.46
E845099		190	5.2	171	<0.002	<0.01	0.29	11	1	2.4	75.1	0.39	<0.05	17	0.111	1.25
E845100		190	6.1	231	<0.002	0.01	0.38	14.9	2	3.2	91.9	0.51	<0.05	25.2	0.151	1.72
E845101		70	5.8	301	<0.002	<0.01	0.32	17.6	2	3.9	113	0.67	<0.05	24.2	0.206	1.93
E845102		30	6.8	157	<0.002	<0.01	0.41	8.2	1	2	145.5	0.36	<0.05	26.7	0.109	0.95
E845103		10	1.6	0.6	<0.002	0.01	<0.05	0.1	1	<0.2	2	<0.05	<0.05	0.4	0.005	<0.02
E845104		50	7	378	<0.002	0.01	0.38	22.4	2	4.9	178	0.65	<0.05	31.9	0.229	2.34
E845105		40	8.4	408	<0.002	<0.01	0.35	24.5	2	5.3	176	0.55	<0.05	24.1	0.213	2.59
E845106		30	7.9	429	<0.002	<0.01	0.45	25.5	2	5.8	145	0.87	<0.05	29.7	0.281	2.72
E845107		20	5.3	281	<0.002	<0.01	0.32	17.4	1	3.5	105	0.62	<0.05	9.9	0.195	1.74
E845108		30	5.2	305	<0.002	<0.01	0.35	19.5	1	4.1	89.4	0.66	<0.05	11.5	0.22	2.06
E845109		720	6.7	211	<0.002	<0.01	0.38	13.2	2	2.9	82.9	0.51	<0.05	21.1	0.148	1.5

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E845070		2.4	73	11.6	6.5	8	81.6			
E845071		2.3	71	10.9	6.6	9	81.2			
E845072		2.7	64	10.8	5.7	13	86.5			
E845073		2.2	68	11.9	6	4	90			
E845074		2.1	74	11.9	5.8	5	78.3			
E845075		2	66	8.1	6.9	4	82.5			
E845076		2.7	88	8.1	6.5	6	113.5			
E845077		2.2	76	4.9	5.1	10	99.6			
E845078		226	201	7.8	19.8	134	149			
E845079		2.9	73	2.6	7.9	8	93.7			
E845080		2.6	68	3.6	7.4	8	85.7			
E845081		3.3	65	2	11.6	27	73.4			
E845082		2.4	63	2.8	6.9	7	89			
E845083		2.5	70	3.8	7.4	10	94.4			
E845084		2.1	56	3	5.9	9	65.1			
E845085		3.1	65	3	9.5	31	84.7			
E845086		2.4	72	3.1	8.1	32	81.7			
E845087		2.5	66	3.2	6.2	10	82			
E845088		3.7	79	4.6	7.5	8	135			
E845089		4.8	94	7.3	7.1	10	155			
E845090		4.1	78	5.4	8.6	6	147.5			
E845091		2.7	72	4.4	6.8	5	102			
E845092		2.7	70	4.3	5.9	4	93.5			
E845093		2.8	73	5.4	6.1	5	105			
E845094		1.9	60	3.9	5.1	5	118			
E845095		2	40	2.4	4.5	5	91			
E845096		2.2	59	2.8	7.1	10	91.8			
E845097		1.5	21	1.8	3.1	4	52.8			
E845098		1.4	24	1.6	3.8	10	51.7			
E845099		2	54	2	6.5	15	73.7			
E845100		2.4	70	3.1	8.6	18	90.7			
E845101		2.6	84	4.6	7.5	7	103			
E845102		1.7	39	1.7	5	6	37			
E845103		0.2	<1	<0.1	1.7	4	21.6			
E845104		3.2	104	4.3	5.5	5	92.5			
E845105		2.3	121	4.3	5.9	4	98.3			
E845106		3.3	124	4.8	9.5	4	136			
E845107		2.4	82	3.8	5.7	4	105.5			
E845108		2.4	97	3.3	5.8	4	110.5			
E845109		2.2	62	2.3	10	17	77.3			

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E845110		1.48	<0.005		0.06	11.8	0.7	990	3.9	0.02	0.11	<0.02	286	2.3	68	15.65
E845111		2.31	<0.005		<0.01	10.65	0.8	750	5.21	0.03	0.13	0.02	179.5	2.1	69	12.2
E845112		1.06	<0.005		0.09	9.66	1.6	740	3.75	0.01	0.12	<0.02	82	1.7	70	15.45
E845113		2.13	<0.005		0.07	11.75	0.8	990	4.56	0.02	0.14	0.03	181	1.9	65	16.6
E845114		1.24	<0.005		0.01	9.48	0.3	740	3.1	0.02	0.21	<0.02	470	0.9	39	9.05
E845115		0.43	<0.005		0.03	11.25	4.1	1120	4.7	0.03	0.18	<0.02	205	1.3	78	14.95
E845116		0.38	<0.005		<0.01	12.75	2.2	1640	6.3	0.01	0.07	<0.02	492	1	95	23.8
E845117		0.05	<0.005		0.31	6.78	8.5	350	10.75	0.53	1.97	0.26	50.7	21.5	70	1.06
E845118		1.82	<0.005		0.03	10.85	1.5	1200	4.66	0.02	0.13	<0.02	484	1.9	73	16.35
E845119		0.06	0.977		37.1	4.34	1030	500	0.6	24.8	6.72	0.14	22.2	42.2	261	1.22
E845120		0.47	<0.005		0.31	9.42	8.7	840	3.59	0.08	0.15	<0.02	>500	1.4	70	12.2
E845121		0.29	<0.005		0.22	10.75	5.8	920	3.89	0.04	0.16	<0.02	>500	3.4	74	13.2
E845122		2.52	<0.005		0.03	11.7	1.8	1250	5.07	0.02	0.12	<0.02	159	1.5	68	17.65
E845123		0.38	<0.005		0.03	12	1.6	1540	5.83	0.03	0.08	<0.02	121	1.2	79	18.4
E845124		4.57	<0.005		0.02	11.1	1.1	1000	4.52	0.02	0.14	<0.02	105	1.1	61	13.75
E845125		1.66	<0.005		0.03	8.61	1.1	510	2.97	0.03	0.26	<0.02	119	3.5	31	3.67
E845126		3.76	<0.005		0.06	8	1.1	450	2.18	0.02	0.13	<0.02	320	4.2	39	3.37
E845127		3.64	<0.005		0.03	8.91	0.7	1320	3.98	0.1	0.12	<0.02	113.5	4.5	49	7.1
E845128		0.68	0.006		0.04	6.27	1.1	870	2.23	0.1	0.11	<0.02	60.7	4.9	30	3.97
E845129		4.17	0.009		0.08	7.95	0.8	1130	2.89	0.1	0.11	<0.02	76.1	4.1	54	4.7
E845130		4.68	0.005		0.01	7.73	0.9	1180	2.76	0.04	0.1	<0.02	80.9	4.3	38	4.51
E845131		1.12	<0.005		0.03	8.24	1	1260	2.99	0.03	0.09	<0.02	38.2	4.4	41	4.49
E845132		1.21	<0.005		0.01	7.88	0.5	1240	2.96	0.03	0.09	<0.02	58.4	4.2	41	4.41
E845133		1.53	0.005		0.03	7.36	0.5	1140	2.86	0.03	0.06	<0.02	77.2	4.1	36	4.45
E845134		1.30	<0.005		0.04	6.59	1	690	2.21	0.02	0.1	<0.02	10.65	4.3	35	3.57
E845135		2.74	<0.005		0.02	7.58	0.6	1140	3.05	0.02	0.06	<0.02	15.85	2.8	39	4.73
E845136		5.17	<0.005		0.04	5.41	1.3	390	1.42	0.03	0.13	<0.02	5.36	7.2	41	1.97
E845137		4.19	<0.005		0.04	6.73	1.3	790	2.08	0.06	0.09	<0.02	45.5	5.1	38	4.13
E845138		3.41	0.005		0.04	8.06	0.6	1280	3.14	0.13	0.1	<0.02	94.7	2.8	42	5.46
E845139		2.07	<0.005		0.04	8.02	0.8	1200	3.35	0.05	0.09	<0.02	104	3.6	39	5.39
E845140		0.04	<0.005		0.02	0.06	0.3	10	<0.05	<0.01	0.01	<0.02	3.04	0.1	<1	<0.05
E845141		1.89	<0.005		0.03	7.24	0.9	1050	3.05	0.14	0.27	<0.02	77.9	6.1	42	4.46
E845142		3.93	<0.005		0.01	8.9	0.4	1070	3.46	0.04	0.56	<0.02	76.2	4.4	51	5.41
E845143		2.24	<0.005		0.16	8.73	0.9	150	1.73	0.02	0.21	0.02	19.35	9	28	0.93
E845144		2.93	<0.005		0.04	9.36	1.4	1780	4.27	0.07	0.12	0.02	108	17.1	56	7.57
E845145		1.74	0.007		0.14	9.1	1.6	2030	4.37	0.24	0.13	0.02	72.1	30	56	7.98
E845146		2.97	<0.005		0.18	8.91	1.1	1740	4.14	0.08	0.11	0.02	31.1	12.8	49	6.95
E845147		3.22	0.007		0.21	9.2	1.1	1710	4.36	0.36	0.1	0.05	42.2	8.5	51	7.3
E845148		2.62	0.011		0.05	9.41	1.1	1930	4.74	0.12	0.11	<0.02	69.5	6.9	57	7.16
E845149		2.31	<0.005		0.03	9.15	1	1780	4.62	0.12	0.12	<0.02	76.9	5.6	52	7.07

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E845110		25.1	0.7	31.8	0.19	2.9	0.032	4.06	138	8.3	0.26	53	0.13	2.94	10.3	5.4
E845111		72.2	0.61	26.8	0.43	2.6	0.031	2.99	79.2	9.8	0.24	69	0.36	4.48	11.8	5
E845112		51.4	0.57	29.1	0.12	2.7	0.037	3.99	32.8	10	0.14	48	0.18	3.73	11.8	4.1
E845113		11.3	0.75	32.2	0.25	3.6	0.035	4.17	78.6	12.1	0.25	57	0.32	3.2	11.1	6.1
E845114		34.2	0.41	22	0.57	2.1	0.022	2.4	234	5.9	0.15	37	0.15	3.82	6.4	2.5
E845115		24.6	0.59	32.4	0.24	3.1	0.035	3.86	93.7	12.4	0.22	73	1.49	3.84	9.4	3.5
E845116		11.6	0.68	48	0.53	5.6	0.054	5.19	203	13.2	0.24	28	0.5	1.42	15.3	3.7
E845117		57.2	4.77	19.75	0.13	4.2	0.371	0.88	25.8	11.7	1.16	524	32.9	3.45	9.4	147.5
E845118		11	0.74	36.2	0.51	3.3	0.042	3.51	220	12.4	0.29	63	0.26	2.38	10.3	4.1
E845119		4320	4.33	13.3	0.09	0.7	0.222	1.39	16.1	13.2	0.8	1710	699	0.66	1.9	19.2
E845120		98.3	0.63	201	24.7	2.8	0.035	2.98	>10000	12	0.21	64	3.47	2.98	8.6	3.7
E845121		91	0.62	93.7	11.8	2.7	0.036	3.22	6520	11.1	0.23	67	1.54	3.62	9.9	4.2
E845122		16.2	0.63	39.2	0.2	3.8	0.038	4.21	69.8	11.5	0.23	42	0.47	2.66	11.2	3.8
E845123		18.4	0.67	44.1	0.16	5.3	0.046	4.93	49	11.5	0.23	31	0.42	2.05	12.7	4.3
E845124		33	0.51	33	0.14	3.3	0.031	3.56	47.4	8.9	0.2	36	0.47	3.53	11.6	3.2
E845125		6.4	2.18	23.1	0.17	2.9	0.038	1.6	62.3	16.8	0.37	159	0.18	4.56	7.5	17.9
E845126		8.6	2.22	20.1	0.35	2.9	0.032	1.44	164	10.8	0.27	90	0.57	4.35	7.2	12.6
E845127		4	3.73	29.8	0.17	3.3	0.09	3.82	56.3	15.3	0.46	71	0.29	0.34	5.1	24.2
E845128		12.9	6.47	18	0.14	1.7	0.064	2.49	32.2	8.8	0.27	67	1.04	0.21	3.1	23.1
E845129		3.7	3.38	25.7	0.11	2	0.088	3.14	38.9	8.7	0.25	56	2.85	0.47	4.4	26.5
E845130		4.2	3.6	24	0.12	2.3	0.088	3.34	41.6	7.2	0.22	47	0.51	0.25	4.8	15.1
E845131		5.4	3.34	23.8	0.09	2.1	0.088	3.49	19.3	6.9	0.22	52	0.4	0.42	4.5	15.7
E845132		2.7	2.72	24	0.08	2.2	0.082	3.47	30.1	8	0.25	50	0.43	0.33	5.7	16.3
E845133		4.1	2.28	24.4	0.1	2.3	0.076	3.06	39.1	9.4	0.28	84	0.35	0.49	5.5	16.5
E845134		6.4	6.58	18.7	0.09	1.9	0.048	2.05	5.3	14.1	0.32	166	0.41	1.45	2.6	22.7
E845135		2	3.92	25.5	0.07	2.1	0.087	3.22	8	9.4	0.31	55	0.22	0.61	5	18.9
E845136		2.5	6.16	12.45	0.07	1.3	0.031	1.12	2.6	16.4	0.69	193	0.22	1.72	1.6	36.1
E845137		8.1	5.57	18.75	0.09	1.4	0.068	2.28	24.5	17.5	0.36	239	0.4	1.03	2.8	26.9
E845138		5.8	3.1	25.7	0.13	2.1	0.096	3.52	50.4	7.8	0.24	54	0.49	0.28	4.8	16
E845139		2.6	3.87	26.5	0.15	2.5	0.086	3.37	54.7	8.5	0.26	55	0.54	0.27	6.2	18
E845140		0.7	0.01	0.18	<0.05	0.8	<0.005	0.01	1.3	1.9	<0.01	<5	0.08	<0.01	0.1	0.4
E845141		8.7	4.35	23.3	0.14	2	0.069	3.15	40.2	9.1	0.32	164	0.6	0.39	5.4	19.1
E845142		3.9	2.92	31	0.14	2.3	0.069	3.26	38.2	12.4	0.47	341	0.8	1.64	5.7	19.9
E845143		20.7	3.03	16.3	0.09	1.9	0.012	0.56	9.9	17.1	0.33	174	0.33	6.15	4	22.6
E845144		36.9	4.39	31.6	0.19	2.9	0.083	4.34	52.6	16.8	0.4	136	0.81	0.25	6.9	25.8
E845145		134	4.76	29.6	0.15	3	0.088	4.44	35.5	18.9	0.37	167	1.02	0.19	6.7	29
E845146		149	4.48	28.2	0.11	3.6	0.094	3.83	14.9	19.6	0.39	167	0.72	0.19	5.7	31.7
E845147		86.1	4.29	28.2	0.11	3.8	0.13	3.89	20.2	17.3	0.37	131	1.13	0.19	5.5	34.3
E845148		298	5.09	28.4	0.17	3.5	0.134	3.93	34.6	12.1	0.32	78	1.3	0.2	5	32.4
E845149		248	4.98	25	0.27	3.7	0.12	4.41	39.1	13.1	0.34	76	1.1	0.18	4.4	32.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845110		140	5.4	273	<0.002	<0.01	0.4	18.7	1	3.9	125	0.74	<0.05	34.2	0.218	2.01
E845111		100	5.1	207	<0.002	<0.01	0.58	14.9	2	3.1	118	0.87	<0.05	46.2	0.239	1.4
E845112		70	4.4	177	<0.002	<0.01	0.44	12.6	1	4.2	83.5	0.84	<0.05	23.4	0.218	1.9
E845113		100	4.9	218	<0.002	<0.01	0.38	15.8	2	4.3	106.5	0.83	<0.05	35.2	0.226	1.96
E845114		90	4.9	157	<0.002	0.01	0.27	10.4	2	2.4	125.5	0.49	<0.05	45.8	0.141	1.09
E845115		140	9.5	242	0.002	<0.01	0.45	16.8	1	3.8	134.5	0.64	<0.05	63.4	0.197	1.91
E845116		100	8.3	337	0.002	<0.01	0.54	26.9	2	6.2	146.5	1.1	<0.05	70.9	0.274	3.26
E845117		530	81.6	42.9	0.028	0.26	0.41	16.1	3	7.8	165.5	1.12	0.08	14.4	0.297	0.23
E845118		200	6.2	246	0.002	<0.01	0.45	21.1	1	4.2	125	0.72	<0.05	45.9	0.194	2.1
E845119		550	58	33	0.075	0.68	91.3	6.1	4	2.9	278	0.1	3.62	1.4	0.113	0.22
E845120		>10000	43.6	238	0.024	<0.01	0.99	14	32	3.7	321	0.77	<0.05	200	0.184	1.62
E845121		6590	22.4	250	0.011	0.01	0.77	16.7	16	3.7	128.5	0.77	<0.05	460	0.214	1.65
E845122		80	5.9	287	0.002	<0.01	0.63	21.3	1	4.5	134.5	0.81	<0.05	33.3	0.207	2.21
E845123		110	6.9	252	0.002	<0.01	0.46	22.6	1	5.3	128.5	0.97	<0.05	35.9	0.228	2.74
E845124		70	5.7	247	<0.002	<0.01	0.47	16.9	1	3.8	133	0.79	<0.05	29.3	0.197	2.04
E845125		250	3.5	116.5	<0.002	<0.01	0.57	13.2	1	4.2	68.2	0.48	<0.05	13.1	0.133	0.26
E845126		380	5.3	101.5	<0.002	<0.01	0.64	8.6	1	3.4	44	0.49	<0.05	22.3	0.165	0.23
E845127		550	2.3	227	<0.002	<0.01	0.41	15.6	1	4.6	15.4	0.31	0.1	21.4	0.208	0.51
E845128		490	2.1	163.5	<0.002	<0.01	0.55	10.9	1	2.4	10.3	0.21	0.05	14.1	0.135	0.29
E845129		470	1.9	214	<0.002	<0.01	0.42	14.8	1	4.7	14.9	0.29	0.12	17.9	0.157	0.38
E845130		450	1.8	215	<0.002	<0.01	0.45	11.9	1	3.2	13.3	0.32	<0.05	18.9	0.154	0.4
E845131		370	2	221	<0.002	<0.01	0.46	11.9	1	3.2	16.6	0.3	<0.05	17.8	0.149	0.4
E845132		390	1.6	216	<0.002	<0.01	0.44	13	1	3.8	16.3	0.39	<0.05	15.8	0.161	0.39
E845133		230	2.1	202	<0.002	<0.01	0.45	13.3	1	4.3	19.2	0.37	<0.05	17.4	0.141	0.36
E845134		180	2.4	132.5	<0.002	<0.01	0.52	9.1	1	3.5	33.1	0.18	<0.05	14.9	0.225	0.25
E845135		110	1.7	213	<0.002	<0.01	0.41	15.7	1	4.9	20.3	0.37	<0.05	16.2	0.171	0.37
E845136		60	2.7	71.5	<0.002	<0.01	0.38	5.8	1	2.4	30.2	0.09	<0.05	7.3	0.196	0.12
E845137		170	3.4	154.5	<0.002	<0.01	0.64	10.1	1	3.5	25.5	0.17	<0.05	13.1	0.165	0.3
E845138		490	2	217	<0.002	<0.01	0.4	13.1	1	4.6	15.9	0.3	0.11	18.2	0.171	0.41
E845139		430	2.3	228	<0.002	<0.01	0.42	13.7	1	4.7	15.7	0.36	0.07	19.5	0.189	0.44
E845140		20	1.3	0.6	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02
E845141		450	2.3	198	<0.002	0.01	0.46	12.6	1	3.9	15.6	0.33	0.1	17.7	0.173	0.38
E845142		290	2.1	226	<0.002	<0.01	0.55	18.1	1	6	36.8	0.35	0.05	13.2	0.167	0.49
E845143		330	4.8	50.4	<0.002	0.01	0.7	3.1	1	1.4	74.7	0.33	<0.05	15	0.129	0.14
E845144		550	2.5	271	<0.002	0.03	0.67	17	1	5.2	15.4	0.4	0.08	19.6	0.158	0.58
E845145		570	4.3	263	<0.002	0.12	0.83	16	1	4.2	13.2	0.38	0.21	19.2	0.158	0.59
E845146		490	4.9	266	0.002	0.02	0.66	14.6	1	3.6	12.5	0.35	0.09	18.5	0.138	0.59
E845147		470	4	269	<0.002	0.01	0.71	15.9	1	3.5	13	0.31	0.27	18.9	0.152	0.63
E845148		530	2.1	256	<0.002	0.02	0.54	16	1	3.4	14	0.33	0.08	20	0.162	0.63
E845149		520	5.9	254	<0.002	0.01	0.57	15	2	2.8	12.3	0.26	0.09	19.4	0.165	0.61

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E845110		2.8	89	3.1	7.2	7	87.5			
E845111		3.3	65	4.5	5.9	9	93.8			
E845112		1	86	4.7	3.1	5	86.9			
E845113		2.2	87	4.3	6.2	7	117.5			
E845114		3.3	47	2.5	11.3	5	69			
E845115		6.8	79	3.8	8.4	7	103			
E845116		5.6	108	5.7	14	4	163.5			
E845117		225	184	7.6	18.5	115	133.5			
E845118		3.6	82	3.9	12.8	6	104			
E845119		2.6	59	15.4	10.7	105	24.3			
E845120		19.1	65	3.4	417	<2	48.4			
E845121		8.7	73	3.7	175	<2	70.1			
E845122		3.7	84	4.1	8	6	117.5			
E845123		4.6	98	4.6	7.3	5	157			
E845124		3.4	68	4	6.6	5	107			
E845125		2.7	41	7.2	9.1	9	88.4			
E845126		2.7	41	4.9	12.7	5	94.7			
E845127		3.2	62	7.6	14.4	4	102.5			
E845128		2.2	39	5.4	7.9	3	52.9			
E845129		1.9	52	5.8	8.3	2	64.3			
E845130		2.2	46	4.4	9	2	70.1			
E845131		1.9	48	3.9	8	2	64.5			
E845132		1.8	48	4.5	8.9	2	67.4			
E845133		2	45	4.6	8.7	3	72.9			
E845134		2.1	54	4.8	6.3	8	63.5			
E845135		1.9	59	5.8	6.1	3	65.8			
E845136		1.2	45	2.4	3.8	11	40.7			
E845137		1.4	51	3.5	5.3	12	44.3			
E845138		1.8	52	4.1	9.4	3	67.1			
E845139		2	47	5	10.6	3	77.7			
E845140		0.2	<1	0.1	1.9	3	25.5			
E845141		1.9	51	4.5	8.8	5	60.5			
E845142		2.2	64	6.1	8.2	6	72.3			
E845143		2.2	25	3.1	6.3	13	59			
E845144		2.8	70	6.1	11.9	12	91.4			
E845145		8.9	73	4.4	12.3	18	99.8			
E845146		4.5	63	4.8	12.7	16	113			
E845147		5.6	67	3.2	14.8	11	123.5			
E845148		3.9	73	2.9	14.8	6	110.5			
E845149		3.8	68	2.3	15.6	5	115			

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E845150		3.20	0.009		<0.01	9.66	<0.2	1610	4.54	0.53	0.09	<0.02	132	5.4	54	10.35
E845151		2.61	0.011		0.01	9.68	1	1620	3	0.08	0.12	<0.02	110.5	5.1	58	10.5
E845152		1.11	<0.005		0.01	10.9	<0.2	1480	4.03	0.02	0.11	<0.02	108	2.6	65	14.2
E845153		1.07	<0.005		0.02	11.05	0.5	1480	4.35	0.06	0.09	<0.02	130	3.8	62	16.2
E845154		0.51	0.005		0.08	10	0.8	1340	4.33	0.11	0.14	<0.02	113.5	4.8	62	15.9
E845155		1.23	<0.005		0.02	10.95	0.6	1540	4.78	0.07	0.1	<0.02	196.5	2.3	67	14.55
E845156		2.08	<0.005		0.01	10.9	<0.2	1550	4.46	0.06	0.12	<0.02	193.5	2.6	67	15.95
E845157		1.41	<0.005		0.02	10.5	1.3	1400	3.67	0.06	0.11	<0.02	169.5	4.1	61	13.15
E845158		1.23	<0.005		0.02	9.61	0.7	1290	2.94	0.05	0.11	<0.02	112	2.6	59	11.35
E845159		2.36	<0.005		<0.01	10.8	<0.2	1500	3.29	0.03	0.11	<0.02	99.3	2.6	66	15
E845160		0.18	<0.005		0.05	8.35	0.5	1160	1.99	0.09	0.05	<0.02	214	2	51	8.64
E845161		3.79	<0.005		0.01	10.2	0.8	1350	2.61	0.02	0.1	<0.02	101.5	2.7	62	10.75
E845162		1.99	<0.005		0.06	11.6	0.5	1590	3.34	0.05	0.09	<0.02	137	3.2	64	14.7
E845163		0.34	<0.005		0.07	11.1	0.7	1400	3.93	0.07	0.12	<0.02	109	3.4	63	18.4
E845164		0.51	<0.005		0.04	11.05	0.7	1460	4.57	0.06	0.11	<0.02	49	2	64	16.65
E845165		1.55	<0.005		0.03	9.61	0.9	1240	3.95	0.04	0.11	<0.02	34.9	3.1	55	14.2
E845166		3.02	<0.005		0.01	10.95	0.3	1390	3.21	0.02	0.09	<0.02	76.6	3.5	66	14.4
E845167		4.75	<0.005		0.01	10.5	1.1	1430	3.35	0.08	0.11	<0.02	155.5	7	64	15.35
E845168		2.89	0.006		<0.01	11.1	0.7	1650	3	0.03	0.06	<0.02	192	2.2	62	14.25
E847021		3.82	0.009		19.95	1.1	77.5	20	0.7	10.95	2.15	0.09	6.38	112.5	7	0.43
E847022		2.61	1.255	1.31	>100	0.44	260	20	0.37	658	0.88	2.43	4.75	60.2	3	0.49
E846469		1.03	0.068		1.64	6.67	40.4	850	0.44	1.9	5.85	0.04	152.5	59.6	38	1.46
E846470		0.48	0.049		0.94	8.57	10.8	740	1.36	1.28	0.85	<0.02	151.5	43.8	30	5.31
E846471		1.00	1.190	1.40	6.65	7.81	78.1	1460	3.08	29.7	0.37	<0.02	427	41.5	46	3.38
E846472		0.70	0.093		2.79	6.89	43.6	2880	1.7	6.56	2.45	0.21	140.5	17	46	1.87

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E845150		106.5	5.11	28.2	0.43	3.6	0.113	4.63	68.2	15.5	0.43	60	1.36	0.19	5.3	37.4
E845151		13.3	3.91	23.4	0.22	3.3	0.072	4.54	54.3	10.7	0.34	51	0.48	0.2	5.7	18.5
E845152		3.5	3.88	29.9	0.23	4.4	0.091	5.28	52.9	12.6	0.35	46	0.42	0.22	5.8	20.9
E845153		13.8	4.88	31.7	0.28	4.6	0.116	5.23	64.6	14.3	0.36	141	1.67	0.22	6.5	24.5
E845154		16.8	5.6	28.9	0.28	3.5	0.086	4.6	56.5	18.3	0.35	163	1.99	0.2	5	28.8
E845155		17.3	5.14	31	0.2	3.2	0.11	3.53	93.5	11.3	0.33	55	1.93	0.23	5.9	30.1
E845156		2.7	5.05	33	0.36	3.7	0.089	5.14	97.3	10.5	0.31	76	1.1	0.23	5.4	28.3
E845157		9.9	4.95	29.2	0.21	2.8	0.07	4.85	79.2	14.9	0.39	144	1.21	0.21	4.6	40.2
E845158		7.8	4.55	24	0.23	2.7	0.057	4.6	55.7	10.7	0.32	102	0.89	0.19	3.8	22.8
E845159		6.3	4.4	30.3	0.2	3.8	0.071	5.18	49	8.7	0.29	43	0.5	0.23	6.2	21.6
E845160		12	3.4	18.75	0.26	2.1	0.037	3.8	105.5	5.6	0.25	79	0.59	0.18	4.3	12.6
E845161		24.7	3.42	23.5	0.2	3	0.048	4.75	50.8	7.4	0.3	85	0.49	0.21	4.7	13.4
E845162		10.1	2.4	29.2	0.23	4.1	0.061	5.66	67.6	7.3	0.32	42	0.3	0.24	7.5	11.6
E845163		7.7	4.55	33.3	0.27	4.7	0.077	5.25	54.5	11.9	0.35	76	0.48	0.22	6.7	20.7
E845164		7.3	3.4	35.1	0.11	3.3	0.095	4.11	23.5	10.4	0.32	39	0.72	0.23	6.8	14.4
E845165		9.3	3.44	31.3	0.12	3.8	0.078	3.51	16.9	12.1	0.32	68	0.59	0.19	5.3	15.1
E845166		32.1	4.79	30.3	0.21	3.8	0.064	5.18	39.7	12.7	0.43	114	0.57	0.21	4.5	17.2
E845167		40.9	4.02	31.7	0.27	4	0.062	4.87	79.4	12.9	0.37	100	1.67	0.2	4.9	14.9
E845168		19.3	2.9	27.9	0.29	3.5	0.049	5.33	98.4	7.9	0.34	61	0.61	0.22	5.6	8.4
E847021		6000	12.15	3.67	0.12	0.4	1.29	0.24	3	6.3	8.92	6640	0.31	0.04	0.4	27.7
E847022		>10000	16.7	2.42	0.6	0.3	10.15	0.1	3.7	1.5	9.15	4930	0.2	0.03	0.3	32.6
E846469		393	6.02	14.15	0.3	3.1	0.07	6.27	90.9	15.2	3.55	1985	34.9	0.06	5.2	35
E846470		3590	7.21	41.7	0.32	7.3	0.07	5.81	86.5	48.9	5.61	577	13.45	0.03	6.8	106.5
E846471		451	4.84	41	0.64	3.5	0.109	5.76	227	64.1	0.82	180	51.4	0.06	9.5	60.4
E846472		302	7.19	16.75	0.43	3.5	0.062	6.24	81.6	33.3	1.42	1630	79.7	0.06	11.4	19.2

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845150		420	4.4	289	<0.002	<0.01	0.62	15.9	2	4.1	14.5	0.32	0.37	21.8	0.165	0.79
E845151		620	2.5	301	0.002	0.01	0.63	11	1	3.3	14.6	0.39	0.06	17.9	0.152	0.82
E845152		570	2	352	0.002	<0.01	0.7	12	1	4.1	17.2	0.41	<0.05	19.2	0.177	1.08
E845153		450	2.5	367	0.002	<0.01	1.04	14.2	1	4.3	20.1	0.46	0.05	21.8	0.165	1.34
E845154		600	3.7	328	0.002	<0.01	1.08	14	1	3.9	18.6	0.34	0.08	18.6	0.14	1.17
E845155		530	2.5	269	<0.002	<0.01	0.69	17.2	2	3.7	22	0.45	<0.05	23.7	0.171	1.34
E845156		530	1.9	365	0.002	<0.01	0.57	15	1	4.6	22.2	0.4	0.05	20.5	0.16	1.36
E845157		540	3.1	336	<0.002	<0.01	0.72	15.2	<1	4.2	21.3	0.38	0.06	18.9	0.15	1.3
E845158		460	1.6	295	<0.002	<0.01	0.5	10.7	1	3.4	16.3	0.28	<0.05	13.3	0.138	1.04
E845159		520	1.7	361	0.004	<0.01	0.86	15.3	1	4.6	21.3	0.47	<0.05	20.2	0.184	1.45
E845160		190	2.6	245	<0.002	<0.01	2.21	8.8	1	3.1	14.3	0.33	0.05	50.6	0.143	0.82
E845161		480	1.9	307	<0.002	<0.01	0.6	10.3	1	3.7	15	0.35	<0.05	15.1	0.197	1.05
E845162		490	2	393	0.002	<0.01	0.7	13.1	1	4.7	18.8	0.56	0.06	19.2	0.212	1.38
E845163		590	2	382	0.003	<0.01	0.79	15.3	2	5	21.8	0.44	0.06	20.4	0.208	1.6
E845164		490	2.5	308	<0.002	<0.01	0.74	19.8	2	4.5	23.6	0.53	<0.05	22.3	0.207	1.73
E845165		490	3.1	268	<0.002	<0.01	0.6	16.9	1	4.1	22.7	0.37	<0.05	21.2	0.174	1.51
E845166		440	2.3	357	0.002	<0.01	0.76	13.9	1	5.3	18.5	0.3	<0.05	18	0.206	1.4
E845167		560	2.9	350	0.003	0.01	0.93	14.3	2	5.6	22.9	0.35	0.06	19.2	0.191	1.52
E845168		360	2.3	359	<0.002	<0.01	0.62	12.5	1	5	21.5	0.42	<0.05	16.6	0.2	1.37
E847021		80	13	9.8	<0.002	0.84	346	3.9	2	1.5	11.2	<0.05	<0.05	2.1	0.016	0.04
E847022		40	105.5	8	0.025	6.72	>10000	3.5	12	27.5	7.5	<0.05	0.16	0.9	0.007	0.09
E846469		1060	16.7	91.6	0.019	3.32	37.2	12.3	4	2.6	43.6	0.37	0.41	16	0.113	2.94
E846470		2000	3.5	86.7	0.051	0.58	21	14.8	4	6	10	0.53	0.2	6.9	0.409	1.39
E846471		840	107	215	0.007	0.06	108.5	20.9	17	4.6	15.2	0.72	0.78	23.9	0.215	0.59
E846472		830	68.3	160	0.005	0.07	22.8	10.8	10	4.5	41.1	0.94	0.37	21.7	0.248	0.96

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E845150		3.5	75	4.7	16.2	5	105.5			
E845151		2.5	75	3.7	11.9	4	87.3			
E845152		2.7	85	5.3	14.2	5	112.5			
E845153		3.3	84	4.9	14.6	5	110.5			
E845154		3.2	78	3.2	14	9	86.5			
E845155		3.2	80	3.1	13.3	5	98.9			
E845156		2.8	86	3.5	12.6	4	90.7			
E845157		2.8	80	2.8	12.4	10	87.9			
E845158		1.8	77	2.6	9.3	7	67.3			
E845159		3	86	3.3	11.2	3	93.8			
E845160		4.8	63	2.8	8	8	53.1			
E845161		2.5	78	2.9	8.1	7	75.5			
E845162		2.9	86	4	10.1	5	97.9			
E845163		3.7	85	3.7	12.5	6	110.5			
E845164		4.7	84	2.4	10.8	5	94			
E845165		4.9	73	3.4	10	8	108			
E845166		2.6	90	5	8.5	12	88.2			
E845167		3.3	85	5.9	9.8	10	97.4			
E845168		2.2	88	4.8	8.3	6	86.3			
E847021		0.7	11	0.3	4.3	34	13.2			
E847022		0.1	2	0.2	2.7	1115	6.6	9.38	749	
E846469		9	88	7.4	18.7	15	79.8			
E846470		27.6	422	8.9	16.5	37	212			
E846471		1440	56	14.1	84.4	14	81.2			0.16
E846472		249	65	53	65.2	48	83			

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE TR07092548

Project: Werneckes - E

P.O. No.: FRG07-01

This report is for 65 Drill Core samples submitted to our lab in Terrace, BC, Canada on 22-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845169		3.22	0.018	<0.01	9.41	1.2	1440	3.48	0.15	0.11	<0.02	81.3	1.7	53	16.85	7
E845170		2.01	<0.005	0.02	0.7	0.8	100	0.25	0.06	0.03	0.02	29.9	0.8	20	1.28	31.8
E845171		3.46	<0.005	<0.01	10	0.7	1700	3.95	0.03	0.06	<0.02	72.4	2.3	63	18.05	2.1
E845172		4.21	<0.005	<0.01	10.15	1.3	1730	4.22	0.04	0.12	<0.02	92	2.4	56	19.85	0.8
E845173		3.27	<0.005	0.04	9.9	0.9	1790	3.95	0.11	0.13	<0.02	110	2.2	64	18.4	2.7
E845174		4.56	<0.005	0.04	9.86	1.2	1700	3.67	0.05	0.13	<0.02	104	3.7	60	17.55	4.3
E845175		0.04	0.013	0.02	0.06	0.4	10	<0.05	<0.01	0.01	<0.02	2.65	0.1	1	0.05	1.1
E845176		5.61	0.005	0.04	9.18	1.2	1300	3.64	0.07	0.12	<0.02	120	2.7	57	15.2	2.5
E845177		1.80	<0.005	0.04	9.82	0.8	1320	3.43	0.01	0.09	<0.02	84.2	1.8	61	16.1	2.9
E845178		3.18	<0.005	0.04	9.09	1.9	1210	2.76	0.02	0.05	<0.02	89.8	1.9	56	14.4	4
E845179		4.84	<0.005	0.05	9.94	1.3	1240	3.16	0.01	0.11	<0.02	64.7	1.7	60	17	2.2
E845180		0.06	0.006	0.32	7.05	8	360	10.55	0.6	2.07	0.31	53	21.3	73	1.03	62.8
E845181		3.18	<0.005	0.03	9.5	1.2	1080	3.3	0.06	0.17	<0.02	61.4	3.2	58	16.25	2.3
E845182		2.90	<0.005	0.04	9.01	1.4	1030	3.18	0.22	0.14	<0.02	68.3	3.3	55	15.85	2.4
E845183		4.65	<0.005	0.02	9.38	0.6	1020	3.35	0.05	0.12	<0.02	33.2	2.5	56	15.6	2.9
E845184		5.12	<0.005	0.02	10.1	0.7	1060	3.43	0.02	0.11	<0.02	42.9	2.2	61	17.5	3.8
E845185		5.54	<0.005	0.03	10.2	0.7	1100	3.24	0.01	0.11	<0.02	42	2.3	65	17.15	2.5
E845186		4.84	<0.005	0.08	10.3	1.4	1180	3.57	0.04	0.16	0.03	31	1.7	65	17.75	3.3
E845187		2.95	<0.005	0.02	10.8	1.2	1240	3.74	0.01	0.12	<0.02	77.2	2.1	64	19.35	3.6
E845188		1.44	<0.005	<0.01	11.85	1.4	1360	3.99	0.03	0.12	<0.02	76.7	1.2	65	24.2	0.8
E845189		1.71	<0.005	0.02	4.56	3.7	540	1.65	0.08	0.09	<0.02	7.54	5.6	29	6.85	10.1
E845190		2.66	<0.005	<0.01	10.6	2.1	1180	3.65	0.04	0.12	<0.02	47.8	2.9	62	21.5	0.7
E845191		2.76	<0.005	<0.01	11	1.2	1200	3.8	0.04	0.12	<0.02	50.1	3.8	66	21.8	0.5
E845192		5.51	<0.005	<0.01	10.75	1.2	1330	3.89	0.03	0.14	<0.02	80.9	4.5	62	20.1	1.3
E845193		5.40	<0.005	0.01	11.1	2.5	1150	4.21	0.06	0.08	<0.02	34.1	7	62	20.4	3.8
E845194		0.70	<0.005	<0.01	9.14	1	980	2.94	0.03	0.08	<0.02	29.1	4.8	50	17.1	10.3
E845195		1.53	<0.005	<0.01	10.75	0.7	1270	3.77	0.03	0.06	<0.02	12	3.4	65	21.7	5.5
E845196		2.75	<0.005	<0.01	10	0.6	1120	3.29	0.04	0.09	<0.02	19.35	2.7	60	19	2.3
E845197		3.44	0.049	0.01	10.55	2.3	940	4.87	0.07	0.12	<0.02	79.5	21.1	62	20.1	21.8
E845198		1.74	<0.005	<0.01	11.25	0.7	1460	4.16	0.02	0.1	<0.02	30.7	3.9	63	24.1	1.9
E845199		5.60	<0.005	<0.01	11.2	0.5	1340	3.88	0.04	0.14	<0.02	49.2	3.8	63	23.5	2.6
E845200		5.81	<0.005	0.01	10.6	<0.2	1190	3.01	0.06	0.13	<0.02	37.5	2.2	60	21.2	2.1
E845201		5.75	<0.005	0.03	10.1	<0.2	1030	3.65	0.06	0.37	<0.02	30.2	5.8	56	23.9	2.8
E845202		2.26	<0.005	0.01	9.12	0.6	910	4.05	0.07	0.19	<0.02	30.5	11.4	52	21	8.6
E845203		0.35	0.007	0.04	4.88	8.4	420	3.11	8.82	0.04	0.07	18.9	43.7	9	10.1	91
E845204		4.70	<0.005	<0.01	10.6	0.2	1220	3.25	0.08	0.08	<0.02	61.8	8.3	59	23.7	3.9
E845205		4.74	<0.005	0.01	9.75	1.1	1120	3.83	0.04	0.11	<0.02	50.6	4.7	61	21.8	1.2
E845206		5.33	<0.005	<0.01	11.45	0.4	1370	3.4	0.06	0.05	<0.02	46.1	3	65	23.5	2.9
E845207		1.73	<0.005	0.06	9.53	1	1150	3.59	0.03	0.09	<0.02	29.5	5.6	48	19.85	3.5
E845208		0.55	<0.005	0.07	5.54	1	460	1.89	0.06	0.14	<0.02	19.95	12.4	27	9.27	10.5

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845169		2.36	29.6	0.16	3.1	0.071	4.52	42.5	10.7	0.32	61	0.98	0.21	7.4	9.8	480
E845170		1.52	2.43	0.09	0.2	0.007	0.27	16.7	4.1	0.07	111	0.61	0.04	0.6	5.5	60
E845171		3.87	31.2	0.2	3.6	0.06	4.58	37.7	12.5	0.38	63	1.02	0.23	7.8	18.2	280
E845172		4.44	31.6	0.24	2.9	0.064	4.58	47.9	11.3	0.36	46	0.36	0.23	6.6	18.8	550
E845173		4.43	29.6	0.21	2.8	0.064	4.91	55.6	9.4	0.3	45	0.36	0.23	5.4	17.4	590
E845174		4.25	29	0.23	3	0.064	4.59	52.1	10.5	0.34	74	1.04	0.22	5.4	23	590
E845175		0.02	0.21	0.06	0.8	<0.005	0.01	1.5	1.5	<0.01	<5	0.08	<0.01	0.2	0.5	10
E845176		3.41	27.6	0.22	3.2	0.063	4.28	61.4	12	0.35	99	0.96	0.21	4.4	23.2	540
E845177		3.19	28.9	0.19	3.1	0.062	4.5	41.4	9.1	0.3	69	1.11	0.23	5.6	14.4	380
E845178		3.09	25.9	0.19	3.1	0.056	4.22	45.5	9.9	0.27	88	1.43	0.21	4.5	11.9	220
E845179		3.65	28.8	0.17	2.9	0.063	4.67	33.1	9.1	0.26	87	1.26	0.24	3.8	11.7	500
E845180		4.95	19	0.19	4	0.434	0.91	28.1	9.8	1.22	540	34.6	3.61	8.5	153	570
E845181		4.34	27.1	0.16	3	0.061	4.34	30.8	12.5	0.41	112	1.88	0.24	3.2	30.5	740
E845182		4.18	27.5	0.19	2.8	0.059	4.04	33	13.2	0.39	142	1.61	0.23	3.3	28	600
E845183		3.34	27	0.16	3.3	0.057	4.32	15.6	9.3	0.34	86	1.22	0.26	4	25.1	570
E845184		3.5	28.3	0.16	3.3	0.066	4.5	21.5	7.5	0.32	59	1.3	0.27	4.1	23.4	510
E845185		3.18	29.3	0.15	3.6	0.066	4.79	21.1	9.2	0.34	76	1.16	0.28	6.3	23.3	480
E845186		2.81	29.6	0.12	3.5	0.067	4.9	14.4	7.3	0.26	63	1.15	0.29	4.6	13.9	720
E845187		2.85	32.6	0.19	3.6	0.068	4.99	37.9	8.2	0.3	69	1.69	0.31	4.4	14.7	550
E845188		2.5	36.2	0.13	3.7	0.085	5.59	39.3	10.6	0.3	50	1.77	0.36	8.8	14.8	590
E845189		3.97	12.7	0.08	1	0.029	1.67	4.2	21.8	0.41	260	5.07	0.14	1.6	32.6	250
E845190		3.07	32.6	0.11	3.4	0.074	4.86	23.8	13.4	0.36	87	1.39	0.29	6	18.8	530
E845191		3.46	32.9	0.13	3.1	0.081	4.96	24.6	15.1	0.41	104	1.39	0.3	5.4	22.6	550
E845192		2.96	34.5	0.14	3.5	0.077	5.11	41.1	16.9	0.44	111	0.97	0.29	5.5	21.4	690
E845193		3.7	33	0.12	3.4	0.082	5	17.1	18.9	0.42	139	1.1	0.26	5.6	23.4	330
E845194		3.23	26.5	0.11	2.4	0.061	3.82	15.8	11.2	0.29	89	0.77	0.24	3.8	17.3	330
E845195		2.72	34.3	0.12	3.4	0.081	5.18	5.7	10.8	0.31	58	0.78	0.3	5.3	15.5	220
E845196		2.17	28.7	0.11	3.4	0.072	4.52	9.9	8.8	0.26	54	0.54	0.27	6.2	10.7	370
E845197		4.52	31	0.17	3.4	0.083	4.52	39	39.3	0.67	348	1.97	0.21	5.3	42.9	490
E845198		2.3	34	0.11	3.4	0.075	5.28	15.8	12.2	0.37	68	0.38	0.31	7.7	19.7	430
E845199		3.63	32.3	0.14	3.3	0.073	4.88	25.2	13.9	0.37	107	0.51	0.31	5.6	24.7	460
E845200		2.91	25.2	0.11	3.7	0.052	4.71	18.3	8.8	0.28	81	0.37	0.3	6.5	13.3	500
E845201		3.2	29.7	0.17	4.5	0.06	4.47	14.8	13.7	0.36	216	0.4	0.28	7	22.6	270
E845202		3.34	26.1	0.1	2.9	0.065	3.45	14.4	19.6	0.48	192	0.8	0.26	4.9	30.3	470
E845203		3.05	7.25	0.07	0.3	0.03	2.03	9.1	13.2	0.31	247	39.5	0.13	0.7	24.2	<10
E845204		2.46	30.9	0.18	4.4	0.065	4.91	29.6	14.3	0.42	143	0.55	0.32	7	21	360
E845205		2.81	29.9	0.1	3.3	0.067	3.01	23.9	14.9	0.35	106	0.4	0.29	6.1	18	390
E845206		1.89	32.4	0.14	4.2	0.07	5.16	22.5	9	0.31	73	0.32	0.33	7.4	9.1	190
E845207		2.87	26.8	0.12	2.9	0.06	3.79	15.5	16.2	0.32	137	0.4	0.38	3.4	16.1	260
E845208		8.53	13.65	0.19	1.2	0.026	1.62	10.8	59	0.65	602	1.45	0.23	1.4	38.2	60

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845169		3.5	331	<0.002	<0.01	0.71	15.4	2	5.2	28.5	0.49	<0.05	18.9	0.19	1.54	4.1
E845170		6	19	<0.002	0.01	0.47	1	1	0.6	8.4	<0.05	<0.05	1.2	0.038	0.09	0.6
E845171		3	350	<0.002	<0.01	0.7	16	2	4.7	32.1	0.51	<0.05	19.6	0.226	1.64	4.2
E845172		2.8	363	<0.002	<0.01	0.69	16.5	2	4.8	35	0.42	<0.05	21	0.25	1.83	3
E845173		2.8	366	<0.002	<0.01	0.63	17	1	3.9	34.9	0.34	0.08	20.8	0.278	1.87	3.4
E845174		3.2	364	<0.002	<0.01	0.7	16.2	1	3.6	34	0.38	<0.05	20.2	0.21	1.97	3.2
E845175		1.1	1	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.4	0.006	<0.02	0.2
E845176		3.1	337	<0.002	<0.01	0.57	15.1	1	3.4	33.2	0.31	<0.05	18.4	0.137	1.86	3.2
E845177		3.2	355	<0.002	<0.01	0.62	16.6	1	3.6	36.7	0.36	<0.05	19.8	0.156	1.94	3.3
E845178		3.5	325	<0.002	<0.01	0.64	14.8	1	3	34.7	0.3	<0.05	17.9	0.145	1.86	3
E845179		3.1	364	<0.002	<0.01	0.61	16.2	1	3.3	42.5	0.26	<0.05	18.1	0.169	2.18	2.9
E845180		87.4	44.2	0.025	0.29	0.31	14.6	3	9	161.5	1.01	0.07	13.1	0.307	0.21	208
E845181		2.9	344	<0.002	<0.01	0.51	15.9	1	3.2	41.8	0.23	0.05	17.6	0.115	2.06	3.4
E845182		3.3	337	<0.002	<0.01	0.58	15.1	1	3.5	42.9	0.24	0.13	16.4	0.107	2.17	3
E845183		3.4	341	<0.002	<0.01	0.47	14.5	1	3.4	42.8	0.27	<0.05	16.6	0.111	2.23	3.3
E845184		3.3	361	<0.002	<0.01	0.42	16	1	3.6	48.9	0.28	<0.05	18.7	0.114	2.44	3.4
E845185		3.2	364	<0.002	<0.01	0.54	16.2	1	3.7	47.2	0.43	<0.05	18.4	0.16	2.42	3.5
E845186		3.6	372	<0.002	<0.01	0.54	16.6	1	3.7	46.6	0.32	<0.05	18.7	0.134	2.47	3.5
E845187		3.6	383	<0.002	<0.01	0.57	17.5	1	4.8	46.4	0.28	<0.05	16.7	0.132	2.38	5.3
E845188		3.1	421	<0.002	<0.01	0.92	21.2	1	5.6	59.9	0.69	<0.05	22.7	0.209	2.71	3.8
E845189		6.6	136.5	<0.002	<0.01	0.84	5.7	1	2.3	24.5	0.1	<0.05	5	0.052	0.64	1.5
E845190		3.1	381	<0.002	<0.01	0.81	19.2	1	4.5	48.3	0.44	<0.05	19.8	0.151	2.38	3.7
E845191		3.1	389	<0.002	0.01	0.79	19.3	1	4.4	48.5	0.39	<0.05	19.8	0.145	2.36	3.7
E845192		3.7	383	<0.002	<0.01	0.78	19.9	1	4.6	46.4	0.38	<0.05	23.9	0.141	2.3	4.2
E845193		3.2	390	<0.002	<0.01	1	19.2	1	4.4	41.6	0.4	<0.05	19.8	0.143	2.33	4.2
E845194		3.7	320	<0.002	<0.01	0.5	15.4	1	3.7	42	0.24	<0.05	13.5	0.108	2.01	4.1
E845195		3	394	<0.002	<0.01	0.44	20	1	5	53	0.36	<0.05	15.2	0.147	2.65	3.7
E845196		2.8	361	<0.002	<0.01	0.59	17.1	1	3.8	48.5	0.46	<0.05	16.4	0.163	2.32	3
E845197		3.5	341	<0.002	<0.01	1.5	18.2	1	3.7	37.1	0.39	<0.05	18.4	0.14	2.11	5
E845198		3	400	<0.002	<0.01	0.66	19.7	1	4.1	53.7	0.58	<0.05	18.7	0.199	2.41	2.9
E845199		3.1	379	<0.002	<0.01	0.67	18.3	1	3.8	53.1	0.39	<0.05	20.1	0.158	2.3	3.1
E845200		2.6	330	<0.002	<0.01	1.21	12.3	1	3.3	45.3	0.5	<0.05	16.8	0.177	2.05	2.5
E845201		3.1	337	0.002	<0.01	1.32	14.6	1	4	51	0.53	<0.05	20.3	0.154	2.4	2.9
E845202		3	266	<0.002	<0.01	1.12	14.7	1	3.2	50.2	0.38	<0.05	19.2	0.125	2.13	3.5
E845203		4.3	148.5	<0.002	0.01	1.54	1.3	2	0.8	23.1	0.05	4.38	3.5	0.015	0.94	15
E845204		3.1	340	0.002	<0.01	1.16	14.2	1	4.1	50.9	0.52	0.08	17.1	0.163	2.36	2.6
E845205		3.2	244.5	<0.002	<0.01	0.85	18.1	2	3.5	55.1	0.47	<0.05	19.8	0.154	2.18	3.2
E845206		3.2	376	0.002	<0.01	0.95	16.1	1	4.4	53.4	0.53	0.06	18.9	0.177	2.28	2.4
E845207		4.1	295	<0.002	<0.01	0.62	16	1	3.1	58.8	0.24	<0.05	19.6	0.107	1.89	2.9
E845208		3.8	127	<0.002	<0.01	0.78	6.8	1	1.4	21.5	0.08	<0.05	6.2	0.04	0.69	2.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E845169		71	4.2	10.3	7	110.5
E845170		9	1	1.3	14	6
E845171		73	3.3	9.5	7	129.5
E845172		77	3.7	10.5	4	105.5
E845173		83	2.4	11.2	5	98
E845174		82	1.9	11	6	99.7
E845175		<1	<0.1	1.8	2	25
E845176		78	2	13.4	7	106
E845177		77	2.5	9.8	5	107
E845178		70	1.7	9	11	103.5
E845179		82	1.6	10.1	6	101.5
E845180		186	6.6	17.6	123	135.5
E845181		81	1.6	10.5	7	100.5
E845182		75	1.9	9.3	7	96.1
E845183		71	2.8	8.3	6	111
E845184		77	2.6	9.6	5	111
E845185		83	3.1	10.2	6	121.5
E845186		84	2.4	9.8	8	118.5
E845187		85	4.9	9.7	6	119
E845188		98	5.1	11.4	5	118
E845189		38	3.7	3.3	21	31.7
E845190		89	3.3	9.7	7	106
E845191		92	3.2	9.7	8	101.5
E845192		85	3.3	9.6	10	111.5
E845193		88	4.4	9.5	11	107.5
E845194		72	6.7	7.2	8	78.5
E845195		90	6.8	7.7	5	110
E845196		75	4.2	9.2	5	110.5
E845197		82	2.8	12.4	23	109.5
E845198		88	3.9	9	7	110.5
E845199		84	3.1	9.9	8	105
E845200		80	2.7	8.2	6	89
E845201		76	3	10.4	8	106.5
E845202		67	2.5	9.6	13	92.8
E845203		11	1.4	7.7	17	17.9
E845204		79	3.7	7.7	12	105.5
E845205		80	2.8	9.2	8	105.5
E845206		88	4	6.8	6	101.5
E845207		67	2	7.8	12	94.2
E845208		43	2.6	4.9	23	41.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845209		3.19	<0.005	0.04	10	0.3	1300	3.93	0.03	0.08	<0.02	39.7	4.7	55	21.4	8.3
E845210		0.40	<0.005	0.12	10.35	0.5	1290	4.18	0.03	0.08	<0.02	127	7.2	60	23.2	19.7
E845211		2.88	<0.005	0.02	10.75	0.8	1370	4.03	0.02	0.09	<0.02	87.3	7.6	64	24.9	11.8
E845212		1.29	<0.005	0.01	10.15	0.6	1410	4.37	0.05	0.13	<0.02	110.5	5.4	57	25	5.8
E845213		1.66	<0.005	0.01	10.25	<0.2	1290	4.14	0.05	0.25	<0.02	43.3	2.5	57	22.5	0.8
E845214		1.92	<0.005	0.01	9.8	<0.2	1220	4.08	0.05	0.26	<0.02	41.8	2.5	56	22.2	1.5
E845215		0.06	0.916	34.5	4.39	1275	500	0.59	27.5	6.63	0.92	22.3	40.1	264	1.1	4430
E845216		2.67	<0.005	0.08	10.35	0.9	1310	4.93	0.11	0.14	<0.02	70.9	2.4	60	26.3	3.8
E845217		2.94	<0.005	0.01	9.8	0.4	1280	4.24	0.06	0.19	<0.02	54.4	4.2	57	19.65	3.4
E845218		2.52	<0.005	<0.01	10.1	<0.2	1350	4.53	0.03	0.12	<0.02	39.1	10	54	20.7	2.7
E845219		2.90	<0.005	0.01	9.79	0.8	1020	4.58	0.08	0.18	0.02	108	9.9	57	17.15	0.9
E845220		2.75	<0.005	<0.01	10.15	1	840	5.79	0.1	0.4	<0.02	58.8	5.9	62	14.85	1.3
E845221		3.03	<0.005	<0.01	8.5	0.6	580	3.48	0.12	0.25	<0.02	32.4	5.8	49	11.3	1.7
E845222		2.73	<0.005	<0.01	9.3	0.4	840	4.78	0.03	0.15	<0.02	19.2	6.6	55	17.15	2
E845223		2.35	<0.005	<0.01	8.51	1	440	3.58	0.06	0.36	<0.02	17.3	7.3	43	10.8	0.9
E845224		1.63	<0.005	<0.01	9.19	0.4	430	3.13	0.03	0.2	<0.02	13	3.6	39	7.31	1.2
E845225		0.87	<0.005	0.01	5.96	0.5	340	1.95	0.02	0.1	0.02	2.94	3.1	24	4.88	1.5
E845226		2.79	<0.005	<0.01	8.13	0.3	530	2.92	0.02	0.11	<0.02	4.36	2.7	38	8.13	1.9
E845227		2.55	<0.005	0.02	7.77	0.3	610	3.14	0.02	0.14	0.02	10.05	4.7	43	10	4.3
E845228		1.37	<0.005	0.02	9.94	0.3	890	4.12	0.02	0.08	<0.02	49.5	5.3	54	13.9	2.9
E845229		2.66	<0.005	0.01	7.07	<0.2	600	5.17	0.01	0.16	<0.02	6.34	6.4	38	9.1	1.9
E845230		4.98	<0.005	0.04	8.64	1.1	890	4.98	0.02	0.1	0.04	8.39	4.6	55	14.8	4
E845231		3.92	<0.005	0.07	7.9	1.2	780	3.95	0.02	0.08	<0.02	13.9	5.5	47	14.25	4.5
E845232		0.05	<0.005	0.02	0.04	0.4	10	<0.05	0.01	0.01	0.02	2.4	0.1	1	0.05	0.8
E845233		5.98	<0.005	0.01	8.08	0.7	790	3.8	0.02	0.09	<0.02	42	6.5	49	17.35	1.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845209		2.37	28.8	0.13	3	0.06	4.13	20.5	15.9	0.27	131	0.3	0.32	4.6	12	210
E845210		2.66	31.2	0.22	2.8	0.06	4.44	67.9	17.6	0.3	129	0.45	0.33	4.1	13.6	270
E845211		2.39	32	0.17	3.2	0.078	4.83	45.3	13.7	0.31	99	0.39	0.38	5.7	12.9	370
E845212		2.73	29.8	0.21	3	0.084	4.36	58.1	11.4	0.32	74	0.35	0.33	4.6	14.9	480
E845213		3.6	27.6	0.14	2.9	0.068	4.14	22	11.6	0.27	131	0.38	0.77	3.5	16.1	460
E845214		3.45	27	0.15	3	0.063	4.03	21.2	11	0.25	119	0.48	0.8	3.7	16.1	510
E845215		4.25	11.35	0.14	0.7	0.174	1.43	16.9	11.6	0.84	1730	719	0.68	1.6	17.2	560
E845216		2.84	30	0.17	3.6	0.071	4.52	36.6	12.9	0.35	90	2.13	0.41	5.3	18.8	400
E845217		2.38	26.9	0.14	3	0.054	3.88	28.2	10	0.25	116	0.68	0.91	5.8	10.7	230
E845218		1.72	28.2	0.12	3.1	0.054	4.17	20.8	11.4	0.32	107	0.59	0.76	6.1	12.1	350
E845219		2.2	27.6	0.19	3.2	0.05	3.61	56.8	26.1	0.65	205	0.55	1.16	6.7	35.3	490
E845220		1.84	27.6	0.15	3.3	0.048	3.72	30	23.5	0.54	331	0.65	1.79	6	27.6	300
E845221		1.41	20.3	0.09	2.5	0.037	2.81	17.4	17.8	0.42	222	0.48	1.71	6.1	15.6	190
E845222		1.26	27.6	0.1	3	0.045	3.91	10.4	17	0.4	142	0.49	0.74	5.9	11.2	160
E845223		1.29	19.8	0.09	2.7	0.034	2.56	9.2	18.6	0.39	287	0.67	2.28	6.5	14.7	340
E845224		0.86	18.1	0.08	3	0.022	2.06	6.8	12.1	0.31	118	0.25	4.23	6.1	7.6	150
E845225		1.1	10.7	0.05	1.6	0.016	1.57	1.5	14.4	0.34	141	0.29	1.67	2.3	9.1	30
E845226		0.78	17.75	0.06	1.9	0.018	2.21	2.3	9.4	0.26	75	0.25	2.36	4.6	5.7	40
E845227		0.92	19.75	0.08	1.9	0.02	2.57	5.1	11.5	0.32	90	0.28	1.79	4.4	6.2	200
E845228		1.02	27.1	0.11	3.2	0.028	3.92	25.6	13.7	0.34	77	0.21	1.23	6.8	6.5	80
E845229		0.94	16.65	0.07	1.7	0.022	2.44	3.4	12	0.3	125	0.26	0.97	4.1	6.9	190
E845230		0.95	24	0.08	2.5	0.031	3.9	4.1	9.1	0.29	70	0.21	0.79	8.1	6.6	150
E845231		0.96	23.3	0.08	2	0.035	3.25	6.8	11.5	0.3	77	0.32	0.44	6.6	7.3	180
E845232		0.02	0.17	0.05	0.8	<0.005	0.01	1.4	2	<0.01	<5	<0.05	<0.01	0.1	0.4	10
E845233		1.46	24.5	0.12	2.4	0.032	3.51	19.8	13.1	0.39	89	0.31	0.47	6.5	18.6	290

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845209		3.7	305	<0.002	<0.01	0.49	17	1	3.3	63.9	0.33	<0.05	21.5	0.131	1.99	5.4
E845210		3.5	335	<0.002	<0.01	0.57	17.9	1	3.6	65.1	0.29	<0.05	23.9	0.13	2.13	3.2
E845211		3.5	341	<0.002	<0.01	0.61	19.1	1	3.6	72	0.4	<0.05	20.1	0.152	2.35	3.2
E845212		3.4	327	<0.002	<0.01	0.48	17.3	1	3.4	67.8	0.33	<0.05	21.5	0.125	2.21	2.9
E845213		3.5	303	<0.002	<0.01	0.45	16.7	1	3.2	73.3	0.24	<0.05	20	0.11	2.02	2.8
E845214		3.5	295	<0.002	<0.01	0.43	16.1	1	3.1	73	0.26	<0.05	19.6	0.112	1.95	3
E845215		55.8	30.2	0.067	0.75	81.4	5.4	4	2.7	280	0.1	3.07	1.3	0.115	0.21	2.3
E845216		3.9	328	<0.002	<0.01	0.68	19.1	1	3.7	74.3	0.38	<0.05	21.4	0.138	2.32	3.3
E845217		3.6	283	<0.002	<0.01	0.56	16.4	1	3.2	78.3	0.41	<0.05	19.8	0.139	1.87	2.5
E845218		3.5	299	<0.002	<0.01	0.52	16.6	1	3.5	80.5	0.42	<0.05	18.7	0.147	2.02	2.5
E845219		3.8	272	<0.002	0.01	0.92	17.4	1	3.3	69.4	0.5	0.05	21.4	0.157	1.66	2.9
E845220		3.7	263	<0.002	<0.01	0.92	17.9	1	3.3	74.1	0.43	0.06	22.3	0.14	1.51	3
E845221		3.3	203	<0.002	<0.01	0.98	12.3	1	2.4	56.5	0.43	0.06	19.4	0.132	1.1	2.6
E845222		3.6	286	<0.002	<0.01	1.09	17.9	1	3.1	67.1	0.4	<0.05	24.9	0.131	1.7	3.2
E845223		3.2	196	<0.002	<0.01	1.21	12.1	<1	2.5	55.1	0.44	<0.05	18.6	0.131	1.05	2.8
E845224		3.6	146.5	<0.002	<0.01	0.59	11.3	1	2.1	82.1	0.42	<0.05	18.1	0.12	0.79	2.4
E845225		3.6	104.5	<0.002	<0.01	0.41	6.1	<1	1.3	43.5	0.14	<0.05	10.5	0.052	0.54	1.5
E845226		3.6	154	<0.002	<0.01	0.39	10.3	1	2	73.9	0.3	<0.05	17.2	0.092	0.94	2
E845227		5.8	178	<0.002	<0.01	0.46	11.3	1	2.4	65.8	0.27	<0.05	14.9	0.09	1.1	1.5
E845228		3.3	258	<0.002	<0.01	0.5	16.1	1	3.4	72.2	0.45	<0.05	23.7	0.143	1.58	2.6
E845229		3.9	170.5	<0.002	<0.01	0.44	9.4	1	2.1	52.8	0.24	<0.05	12.2	0.082	1.01	1.5
E845230		5	243	<0.002	0.01	0.58	13.4	1	3.3	56.2	0.54	<0.05	16.5	0.16	1.63	2
E845231		3.3	236	<0.002	0.01	0.46	12.8	1	3	46.7	0.41	<0.05	15.2	0.114	1.49	1.8
E845232		<0.5	0.7	<0.002	0.01	0.06	0.2	1	<0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02	0.2
E845233		1.8	240	<0.002	<0.01	0.38	13.5	1	3	58.1	0.46	<0.05	16.1	0.126	1.82	2.1

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07092548

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E845209		70	2.1	7.5	8	92.1
E845210		83	1.8	10.6	9	88.7
E845211		80	2.2	10	6	114
E845212		70	1.8	10.3	5	103.5
E845213		72	1.9	8.4	5	105
E845214		70	2	8.5	5	105
E845215		59	15	9.1	110	24.2
E845216		82	2.8	10.9	7	139
E845217		71	3.6	7.8	5	109.5
E845218		73	3	8.2	6	110
E845219		73	3.3	9.5	16	107
E845220		73	3.6	9.9	17	117
E845221		50	3.8	7	14	87.5
E845222		64	3.7	8.2	13	110
E845223		48	4	9.1	15	100.5
E845224		44	3.9	7.6	9	111.5
E845225		25	1.9	4.4	13	57.3
E845226		43	3.7	4.4	8	68.3
E845227		49	2.9	4.8	8	68.6
E845228		71	4.4	8.2	7	118.5
E845229		40	3.2	4.6	10	64.1
E845230		67	4.1	6.1	6	78.4
E845231		60	5.1	5	5	63.5
E845232		<1	0.1	1.6	4	24.3
E845233		64	2.9	7.5	6	77.1

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 25-OCT-2007
Account: EIAFRG

CERTIFICATE TR07093494

Project: Werneckes - E

P.O. No.: FRG07-01

This report is for 65 Drill Core samples submitted to our lab in Terrace, BC, Canada on 27-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E845234		5.67	<0.005	0.01	9.97	1.3	1050	4.33	0.02	0.1	<0.02	38	7.3	55	17.95	3.7
E845235		5.55	<0.005	0.01	9.45	1.9	950	2.96	0.02	0.07	<0.02	29.5	8.7	51	17.65	4
E845236		5.46	<0.005	0.02	9.19	0.9	930	3.22	0.01	0.06	<0.02	23.3	5.1	47	17.45	6.7
E845237		2.82	<0.005	0.02	8.94	1	440	2.37	0.01	0.12	<0.02	12.25	7.6	28	8.86	8.3
E845238		5.77	<0.005	0.02	9.6	1.6	910	3.13	0.01	0.1	<0.02	25.5	3.7	53	19.4	6
E845239		0.81	<0.005	0.11	8.7	1.3	680	2.67	0.01	0.09	<0.02	13.65	5.6	49	14.1	24.9
E845240		1.14	<0.005	0.16	8.66	2.2	830	3.02	0.03	0.19	<0.02	17.25	5.1	52	20	16.6
E845241		5.35	<0.005	0.03	9.51	2.4	680	2.94	0.15	0.14	<0.02	61.1	7.9	63	20.8	18.7
E845242		6.05	<0.005	0.02	9.79	2.8	790	3.03	0.05	0.14	<0.02	72	6.2	73	21.8	9.9
E845243		2.78	<0.005	0.02	9.97	6.3	840	2.98	0.1	0.06	<0.02	64.4	2.8	61	21.2	15.8
E845244		0.43	<0.005	0.03	12.3	2.8	930	3.11	0.09	0.09	<0.02	25.4	3.6	67	18.1	14.5
E845245		0.21	<0.005	0.05	11.7	5	990	3.38	0.22	0.08	<0.02	41.3	13.9	73	19.8	24.2
E845246		3.61	<0.005	0.06	9.7	10.1	690	2.97	0.27	0.07	<0.02	85.5	6.1	58	18.95	45.1
E845247		5.51	<0.005	0.05	9.52	4.8	660	2.68	0.15	0.06	<0.02	46	3.7	49	16.8	27.1
E845248		1.06	<0.005	0.06	9.35	4.4	740	2.98	0.1	0.07	<0.02	42.8	6.8	55	16.9	41.1
E845249		5.53	<0.005	0.03	10.3	4.6	860	3.15	0.11	0.08	<0.02	55.3	8.6	62	21.3	13.8
E845250		5.27	<0.005	0.02	9.47	2	760	2.97	0.05	0.07	<0.02	29.1	2.6	56	18.2	8.6
E845251		4.53	<0.005	0.03	9.39	1.2	910	2.94	0.03	0.14	<0.02	10.2	1.9	52	16.7	8.6
E845252		0.81	<0.005	0.04	11.75	2.6	810	4.66	0.14	0.1	<0.02	42.8	25.9	72	27.5	109
E845253		4.02	<0.005	0.01	9.44	1.1	710	3.2	0.02	0.14	<0.02	125	6.4	50	23.8	12.6
E845254		2.97	<0.005	0.06	9.59	2.9	710	3.11	0.31	0.07	<0.02	74.2	4.6	52	26.2	15.5
E845255		2.30	<0.005	0.03	9.06	1	690	2.85	0.03	0.06	<0.02	71.2	4.3	54	17.2	11.5
E845256		3.52	<0.005	0.05	7.19	1.7	300	1.99	0.02	0.11	<0.02	3.9	3.7	34	5.83	12.6
E845257		0.46	<0.005	<0.01	11.7	1	1130	4.65	0.02	0.07	<0.02	5.2	3.5	85	22.6	15.1
E845258		1.76	<0.005	0.04	9.26	4.3	820	4.27	0.29	0.16	0.02	19.75	36.8	46	18	48.2
E845259		2.14	<0.005	0.04	9.57	1.6	660	4.2	0.04	0.12	0.02	157.5	27.4	51	29.4	10.3
E845260		0.65	<0.005	0.02	9.9	1.1	690	3.35	0.02	0.11	<0.02	84.2	12.6	59	27.1	4.5
E845261		2.98	<0.005	0.02	9.04	0.8	1130	3.17	0.05	0.11	0.02	104.5	5.9	45	6.98	13.8
E845262		4.41	<0.005	0.05	9.03	0.3	1220	3.28	0.14	0.09	<0.02	145.5	3	42	6.89	3.1
E845263		3.00	<0.005	0.05	8.87	1.4	1240	3.31	0.25	0.09	<0.02	112	4.4	45	7.51	14.6
E845264		3.15	<0.005	0.02	8.56	0.6	1200	3.35	0.25	0.09	<0.02	117.5	3.9	41	7.37	15
E845265		1.46	0.006	0.02	9.18	0.8	1190	3.61	0.22	0.12	<0.02	92.8	7.7	51	7.58	32.7
E845266		1.71	<0.005	0.04	7.81	0.7	90	1.58	0.11	0.18	<0.02	6.04	5.5	14	0.8	35.9
E845267		4.07	<0.005	0.01	8.44	0.4	1290	2.94	0.09	0.09	<0.02	85.1	4.3	44	6.89	10.7
E845268		5.37	<0.005	0.02	8.46	0.3	1280	2.82	0.07	0.1	<0.02	106.5	3.5	42	6.02	4.4
E845269		0.06	0.998	39.4	4.44	1340	510	0.94	35.6	6.64	0.53	26.1	44.2	280	1.27	4560
E845270		1.23	<0.005	0.04	8.76	1.2	1230	3.03	0.06	0.09	0.02	66.9	4.2	41	6.18	5.6
E845271		0.67	<0.005	0.09	9.1	1.2	210	2.03	0.12	0.29	0.02	9.61	20.9	10	1.73	13.8
E845272		3.17	<0.005	0.09	8.09	0.6	1100	2.52	0.07	0.09	<0.02	189	5.4	36	5.49	9.6
E845273		4.47	<0.005	0.04	8.77	0.8	1240	3	0.06	0.11	<0.02	83.9	4.3	36	5.94	4.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845234		1.75	26.6	0.14	2.7	0.038	3.57	18.6	14.3	0.49	114	0.46	0.49	6.5	21.2	330
E845235		1.43	25.1	0.12	2.5	0.035	3.45	14.6	10.9	0.4	79	0.43	0.31	6.3	16	260
E845236		1.19	23.2	0.12	2.8	0.034	3.42	11.6	8.5	0.31	63	0.33	0.42	8.1	10.3	200
E845237		1.2	13.05	0.1	1.4	0.022	2.01	6.2	10.3	0.4	106	0.87	2.87	3.9	11.7	90
E845238		1.19	25.8	0.1	2.5	0.035	3.34	11.8	9.5	0.37	41	0.22	0.49	6.8	13	470
E845239		1.37	19.9	0.1	1.9	0.026	2.89	6	17.6	0.54	90	0.9	0.77	4.7	8	110
E845240		1.61	23.5	0.11	2.1	0.032	3.38	7.9	25.6	0.54	156	0.87	0.24	6.5	22.1	980
E845241		2.46	24.5	0.17	2.3	0.03	3.23	35	16.8	0.55	110	1.13	1	5.4	28.5	640
E845242		2.5	26.9	0.17	2.4	0.027	3.53	37	16.7	0.69	92	0.96	0.29	5.2	36.3	780
E845243		1.23	27.4	0.15	2	0.026	3.42	30.9	11.3	0.43	47	0.71	0.32	6.6	18.7	480
E845244		1.11	30.9	0.12	2.2	0.04	3.72	11.6	8.7	0.37	42	6.13	2.13	7.5	13	390
E845245		1.38	33	0.13	2.4	0.042	4.02	20.4	10.1	0.43	46	2.75	1.6	8.5	20.7	450
E845246		1.39	25.8	0.17	2.1	0.03	3.53	41.4	11.4	0.41	70	1.46	0.74	6	17.7	430
E845247		0.99	22.9	0.13	1.8	0.021	3.2	23.4	10.1	0.33	51	1.17	1.28	6.5	11.2	230
E845248		1.11	23.8	0.12	1.7	0.027	3.4	21.3	16	0.4	81	1.52	0.66	6.2	9.7	330
E845249		1.25	28.8	0.13	2.5	0.025	3.83	28.2	11.7	0.47	47	1.89	0.6	8.5	19.8	550
E845250		0.73	24.3	0.1	2.1	0.023	3.48	14.5	9	0.29	33	0.69	0.87	7.4	7.1	290
E845251		0.69	24.7	0.07	2.5	0.026	3.5	4.8	8	0.23	34	0.22	0.75	9.1	4.5	610
E845252		1.9	33.9	0.1	2.6	0.052	4.48	18.9	39.4	0.59	218	2.1	1.45	6.2	24.6	200
E845253		1.74	27.7	0.13	3.2	0.033	3.73	63.1	22.9	0.56	144	0.68	0.3	6.4	28.8	710
E845254		1.58	26.3	0.1	3	0.03	3.92	36.5	17.1	0.44	103	0.9	0.31	6.5	19.2	350
E845255		0.99	24.7	0.1	2.5	0.028	3.47	36.8	13.7	0.32	84	0.51	0.79	6	11.1	200
E845256		0.47	12.7	0.05	1.8	0.012	1.26	1.9	7.3	0.15	62	0.54	3.5	5.5	4.1	10
E845257		0.73	35.3	0.06	4.3	0.033	4.76	2.6	11.6	0.31	40	0.41	1.16	10.8	5.5	140
E845258		1.28	23.9	0.09	2.1	0.046	3.24	10.8	15.4	0.35	106	2.01	1.28	5.4	17.4	420
E845259		1.82	26.9	0.18	2.9	0.036	3.75	70.4	26.8	0.55	206	1.86	0.27	7	34.6	400
E845260		1.6	28.7	0.13	2.7	0.032	4.06	42.4	18.9	0.47	140	0.6	0.32	6.6	28.5	480
E845261		4.62	25.3	0.18	3.7	0.104	3.99	53.3	16.5	0.4	110	0.9	0.49	4.4	25.9	480
E845262		3.36	26.4	0.18	3.9	0.089	4.15	74.6	11.2	0.33	45	0.32	0.3	6	18	450
E845263		2.42	28.1	0.15	3.8	0.092	4.04	58.2	13.6	0.43	54	0.96	0.37	6.7	20.8	450
E845264		2.53	26.9	0.16	3.5	0.082	3.77	61.3	12.1	0.37	45	0.97	0.45	6.1	17.5	450
E845265		1.42	30.6	0.13	3.5	0.081	3.61	49.7	13.7	0.41	51	3.35	1.27	8.1	16.3	490
E845266		1.23	14.3	0.07	1.1	0.008	0.3	3.6	11.1	0.23	121	1.82	6.32	3.7	12.2	290
E845267		3.25	26.7	0.15	2.6	0.082	3.77	44.7	9.5	0.29	54	0.51	0.27	4.9	16.9	410
E845268		3.98	24.3	0.17	2.5	0.083	3.72	56	7.6	0.25	46	0.52	0.24	4.6	16.9	460
E845269		4.27	14.45	0.44	0.9	0.213	1.47	18.9	14.4	0.85	1790	714	0.67	1.8	23.8	570
E845270		2.89	28	0.12	2.3	0.079	3.89	36.5	15.8	0.35	129	1.81	0.36	4.4	16.9	360
E845271		3.22	16.3	0.15	0.5	0.017	0.83	71	45.5	0.4	511	1.04	4.97	1.1	21.7	550
E845272		2.82	23.5	0.2	2.4	0.077	3.62	103	7.7	0.24	63	0.59	0.32	3.8	12.7	380
E845273		3.21	23.4	0.14	3	0.087	3.69	45	14.2	0.3	130	0.54	0.5	4.9	14.7	430

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845234		3.1	248	<0.002	0.01	0.39	13.7	1	2.9	66.1	0.5	<0.05	19.5	0.142	1.83	2.4
E845235		2.9	247	<0.002	0.01	0.36	13.3	1	3	59.6	0.46	<0.05	19.2	0.13	1.88	2.5
E845236		2.9	232	<0.002	<0.01	0.37	12.1	1	3	58.2	0.64	<0.05	19.8	0.151	1.95	3.1
E845237		6.4	139	<0.002	<0.01	0.36	5	1	1.5	67.2	0.27	<0.05	13.5	0.078	0.77	2.9
E845238		2.7	229	<0.002	0.01	0.35	13.1	1	3.2	65.2	0.53	<0.05	17.7	0.146	1.94	2.5
E845239		2.4	200	<0.002	<0.01	0.44	10.6	1	2.3	53.8	0.34	<0.05	14.7	0.108	1.39	2.2
E845240		2.6	237	<0.002	0.01	0.77	12.6	1	2.8	48.2	0.47	<0.05	14.7	0.149	1.57	3.1
E845241		2.8	229	<0.002	0.05	0.81	13.6	1	2.5	61.8	0.41	0.08	17.5	0.13	1.7	3.1
E845242		3.1	234	<0.002	0.04	0.44	15.4	1	3	70.2	0.41	0.05	16.6	0.141	2.04	2.8
E845243		2.9	222	<0.002	0.03	0.59	14.4	1	3.2	71.1	0.52	0.05	15.7	0.163	2.03	2.7
E845244		3.5	265	<0.002	0.06	0.48	16.4	1	3.2	76.7	0.54	0.05	18.7	0.169	1.89	3.6
E845245		3.2	278	<0.002	0.25	0.46	17.2	1	3.6	73.1	0.62	0.14	16.6	0.19	2.06	6
E845246		3.9	252	<0.002	0.09	0.79	13.7	1	2.8	60.6	0.42	0.09	23	0.14	1.71	6.4
E845247		3.2	218	<0.002	0.05	0.61	12	1	2.6	69.9	0.45	0.06	18	0.142	1.49	3.8
E845248		3.7	236	<0.002	0.03	0.74	12.9	1	2.7	59.7	0.42	<0.05	20.1	0.135	1.51	7.6
E845249		3.2	259	<0.002	0.09	0.55	14.8	1	3.4	73.3	0.65	0.06	20	0.192	2.05	2.9
E845250		3.1	239	<0.002	0.01	0.57	13.2	1	2.8	65.8	0.54	<0.05	16.9	0.159	1.67	2.6
E845251		2.7	242	<0.002	<0.01	0.44	13.4	1	3	65.2	0.66	<0.05	16.3	0.185	1.62	2.6
E845252		3.2	316	<0.002	<0.01	1.4	16.1	1	4	61.2	0.43	<0.05	20.2	0.151	1.88	5
E845253		3.1	278	<0.002	<0.01	0.77	13.7	1	3.3	63	0.48	<0.05	19.9	0.14	1.99	3.6
E845254		3	281	<0.002	0.04	0.91	13.4	2	3.3	66	0.48	0.19	16.3	0.142	2.06	3.5
E845255		4.7	250	<0.002	<0.01	0.55	12.4	1	3	60.8	0.43	<0.05	16.5	0.141	1.67	2.5
E845256		3.7	92.1	<0.002	<0.01	0.46	5	1	1.3	89.7	0.39	<0.05	13.4	0.113	0.52	1.7
E845257		5.4	329	<0.002	<0.01	0.63	18.3	1	4.2	101	0.8	<0.05	17.7	0.234	2.2	3.4
E845258		3.9	243	<0.002	0.26	0.9	13.2	2	2.6	89	0.38	0.12	17.4	0.122	1.41	5.8
E845259		3.1	282	<0.002	<0.01	1.01	14.1	2	3.6	64	0.54	<0.05	20.2	0.159	2.03	7.5
E845260		3.1	291	<0.002	<0.01	0.63	15.2	1	3.4	75.8	0.5	<0.05	18.4	0.151	2.25	4.3
E845261		3.5	251	<0.002	<0.01	0.6	14.9	1	4.1	17.5	0.3	<0.05	20.1	0.185	0.46	3.6
E845262		2.5	263	<0.002	<0.01	0.39	12.9	2	4.4	13.3	0.38	0.15	20.8	0.219	0.46	3.4
E845263		2.4	254	<0.002	<0.01	0.58	15.5	1	5.7	16.2	0.47	0.28	18.3	0.211	0.49	3.3
E845264		2.4	243	<0.002	<0.01	0.5	14.6	2	5.7	16.1	0.42	0.25	18.5	0.199	0.51	3.3
E845265		2.8	233	<0.002	<0.01	0.76	23.4	1	7.6	31.7	0.58	0.24	23.8	0.211	0.47	5.5
E845266		3.1	20.5	<0.002	<0.01	0.52	1.9	1	1	65.4	0.28	0.08	15	0.092	0.07	2.7
E845267		2.1	241	<0.002	<0.01	0.47	13.7	2	4.8	14.8	0.36	0.08	18.8	0.194	0.49	2.2
E845268		1.9	236	<0.002	<0.01	0.42	11.5	1	4.3	13.5	0.33	0.09	19.4	0.192	0.45	2
E845269		70.4	37.9	0.09	0.74	90.5	6.4	4	7	289	0.1	3.87	1.8	0.123	0.25	2.7
E845270		2.2	251	<0.002	<0.01	0.63	16.6	1	7.1	16.3	0.33	<0.05	18.1	0.176	0.48	2.3
E845271		4.2	64.2	<0.002	0.03	0.57	2.5	1	1.5	79.5	0.08	0.06	8.5	0.04	0.15	0.7
E845272		3.8	224	<0.002	<0.01	0.69	11.5	1	4.2	14.7	0.28	0.05	17.4	0.151	0.45	1.8
E845273		2.6	225	<0.002	<0.01	0.56	11.1	1	4.9	18.5	0.36	<0.05	19.1	0.173	0.44	2.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E845234		67	2.9	8.3	8	82.1
E845235		62	3.3	7.9	8	76.7
E845236		59	4.6	8.2	5	78.2
E845237		25	2.7	3.8	9	42.2
E845238		66	4	7.4	5	76.3
E845239		51	4.2	4.6	8	59.2
E845240		62	3.3	7.3	8	68.5
E845241		72	2.2	8.1	9	72
E845242		91	2.1	7.8	10	74.7
E845243		79	3.5	5.8	7	62.8
E845244		84	4.4	5.6	7	70.8
E845245		92	4.6	6.8	7	74
E845246		70	4.1	7	10	63.3
E845247		58	6	5.2	6	57.8
E845248		64	6.1	5.5	8	52.3
E845249		79	6	6.7	7	74.3
E845250		66	7.1	5.4	5	64.3
E845251		63	5	6.6	4	74.1
E845252		83	5	6.3	17	80.7
E845253		65	2.9	10.6	14	100
E845254		67	3.1	9.3	10	90.6
E845255		63	2.9	7.3	7	78.2
E845256		23	2.9	3.5	4	56.7
E845257		88	5.2	7.1	4	131.5
E845258		55	3.3	7.5	10	68.8
E845259		67	3.7	14.6	18	87.1
E845260		72	1.9	12	13	83.1
E845261		59	6	14.6	7	113.5
E845262		58	6	16.4	2	120.5
E845263		67	8.2	13.9	4	117.5
E845264		63	7.7	13.5	3	110
E845265		83	10.9	11.3	4	110
E845266		13	4.1	3.4	8	35.1
E845267		61	7.9	9.6	3	76.1
E845268		55	6	9.7	2	75.2
E845269		63	19.8	10.3	114	24.3
E845270		63	7	8	5	70.5
E845271		14	2.4	5.1	19	16
E845272		52	4.8	14.3	5	72.9
E845273		48	5.8	11.6	7	92.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845274		2.47	<0.005	0.05	7.63	0.8	1180	3.07	0.08	0.1	<0.02	97.7	3.2	27	5.96	7.7
E845275		3.24	<0.005	0.05	7.82	0.5	810	2.51	0.02	0.11	<0.02	17.55	3.8	33	4.84	4.1
E845276		1.28	<0.005	0.07	8.11	0.9	180	1.78	0.13	0.27	0.02	2.92	14	22	1.51	15.3
E845277		3.16	<0.005	0.03	7.98	0.4	1230	2.93	0.03	0.07	<0.02	47.6	2.7	36	6.25	2.7
E845278		4.67	<0.005	<0.01	8.38	0.7	1350	3.19	0.06	0.1	<0.02	94.6	3.4	40	6.26	2.2
E845279		5.50	<0.005	0.03	8.66	0.4	1300	3.09	0.07	0.12	<0.02	136.5	3.5	47	6.49	3.2
E845280		1.22	<0.005	0.05	8.89	1.9	1100	3.18	0.07	0.15	<0.02	137.5	7.9	44	11.5	2.1
E845281		3.10	<0.005	0.03	8.75	0.7	1310	3.02	0.09	0.07	<0.02	131.5	4.3	48	6.84	9.2
E845282		0.04	<0.005	0.01	0.06	0.3	10	<0.05	<0.01	0.01	0.02	2.61	0.1	<1	0.05	0.9
E845283		5.68	<0.005	0.01	10.3	0.3	2150	3.7	0.05	0.07	<0.02	155.5	4.6	58	7.61	8.5
E845284		1.56	<0.005	0.03	9.84	0.7	2190	3.76	0.03	0.05	<0.02	37.5	5.6	53	8.71	8.5
E845285		5.42	<0.005	0.02	10.1	0.3	2550	3.63	0.04	0.07	<0.02	124	6.3	54	8.35	21.2
E845286		4.25	<0.005	0.05	9.54	0.7	2800	3.66	0.05	0.09	<0.02	132	13.8	55	9.21	21
E845287		0.52	0.010	0.01	7.09	0.9	2010	2.91	0.03	0.17	<0.02	29	8.2	50	7.24	27.9
E845288		2.97	<0.005	0.02	8.67	0.7	2790	4	0.06	0.1	<0.02	93.7	4.7	53	9.99	5.3
E845289		3.14	<0.005	0.03	9.22	0.7	2140	4.17	0.2	0.13	<0.02	317	7.4	47	10.7	7.7
E845290		3.50	0.050	0.02	10.25	0.5	1690	4.89	0.8	0.1	<0.02	120.5	3.2	56	13.6	3.8
E845291		0.71	<0.005	0.02	10.2	1.1	1320	3.41	0.06	0.13	<0.02	51.3	6	56	10.95	7.1
E845292		1.89	<0.005	0.03	10.75	0.7	1350	5.19	0.03	0.13	<0.02	89	6.6	60	15.75	4
E845293		3.40	0.005	0.02	11.85	0.8	1310	4.63	0.04	0.11	<0.02	117.5	9.1	68	18.95	3.3
E845294		0.06	0.908	37.5	4.72	1275	540	0.56	31.3	6.93	0.79	26.2	43.6	286	1.28	4710
E845295		1.46	0.005	0.13	10.05	4.6	1140	4.75	0.27	0.19	<0.02	21.6	5.2	61	14.05	12.9
E845296		2.45	<0.005	0.04	8.92	2.2	1020	4.31	1.59	0.2	<0.02	54.9	8.5	49	12.4	12.1
E845297		1.12	<0.005	0.02	11.65	1	1400	5.86	0.03	0.09	<0.02	105.5	3.5	69	17.2	2.8
E845298		2.11	<0.005	0.02	8.55	1.8	1010	3.87	0.07	0.51	<0.02	43.1	5.6	48	11.6	12.1

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845274		2.9	21.3	0.13	3.6	0.077	3.28	52.9	14.7	0.28	107	0.35	0.33	5	14.9	370
E845275		2.15	17.9	0.09	2	0.051	2.39	9.4	18.9	0.4	146	0.33	1.73	3.4	14.6	300
E845276		2.26	13.95	0.09	1	0.013	0.61	1.6	22.7	0.37	273	0.38	4.93	0.9	16.2	90
E845277		2.78	23.6	0.1	2.2	0.079	3.62	25.1	13	0.35	69	0.36	0.29	5	12.2	310
E845278		3.67	23	0.16	2.4	0.083	3.73	48.8	8.4	0.27	57	0.48	0.23	5.2	15.3	460
E845279		4.26	23.7	0.19	2.6	0.101	3.91	70.3	11.4	0.28	108	0.57	0.21	4.4	21	480
E845280		5.53	26	0.21	2.2	0.093	3.6	75.4	49.1	0.5	547	1.25	0.22	3.6	37.1	580
E845281		4.36	25	0.19	2.5	0.105	3.86	69.1	14.1	0.31	124	0.98	0.24	4.7	27.3	370
E845282		<0.01	0.21	<0.05	0.9	<0.005	0.01	1.5	2.1	<0.01	<5	<0.05	0.02	0.1	0.4	20
E845283		4.37	30	0.21	3	0.102	4.51	85	13.5	0.38	91	0.75	0.46	6.4	25.6	330
E845284		4	28.4	0.13	3.2	0.095	4.25	19.5	27.9	0.64	243	0.95	0.24	3.6	26.6	200
E845285		4.19	26.8	0.18	3.8	0.113	4.33	63.5	19.7	0.73	125	0.56	0.24	5.6	28.6	330
E845286		3.6	27.8	0.15	3.2	0.099	4.12	68.5	23.1	0.93	166	0.83	0.18	6.6	35.1	470
E845287		5.54	23.1	0.25	2.5	0.067	3.02	14.4	18	0.7	147	0.66	0.13	2.9	43.9	750
E845288		4.03	28.5	0.28	3.2	0.086	3.87	48.5	13.4	0.46	91	0.62	0.17	3.7	32	480
E845289		3.13	29.7	0.48	4	0.087	4.04	169.5	14.4	0.57	118	0.54	0.18	5.3	31.5	550
E845290		4.42	33.7	0.28	4	0.105	4.93	62.1	10.7	0.4	59	0.64	0.23	4.6	33.2	470
E845291		5.29	23.5	0.2	2.8	0.065	4.71	26.8	19.7	0.63	210	0.63	0.21	3.1	33.2	530
E845292		5.46	33.1	0.33	4.1	0.078	5.12	45.9	19.2	0.58	128	0.86	0.23	5.2	36.2	500
E845293		5.81	32.3	0.19	3.2	0.084	5.56	58.6	32.6	0.81	242	1.85	0.22	7.2	43.2	540
E845294		4.5	13.25	0.11	0.7	0.219	1.63	19.7	13.7	0.9	1780	762	0.69	1.9	20.1	590
E845295		5.39	32.4	0.24	3.3	0.07	4.77	11.5	24.5	0.52	192	5.15	0.21	3.3	35.4	750
E845296		5.11	28.4	0.28	2.9	0.056	3.97	29.2	28.8	0.57	366	2.4	0.18	3.1	37.4	870
E845297		4.58	39.7	0.32	3.9	0.088	5.9	54.1	14.4	0.46	68	1.27	0.26	5	28.8	430
E845298		4.63	27.5	0.26	3.1	0.055	4.07	22.6	18.5	0.41	173	0.77	0.18	2.9	27.2	2240

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845274		2.8	214	<0.002	<0.01	0.55	9.6	2	4.5	15	0.37	0.07	18.1	0.161	0.42	2.7
E845275		2.6	165.5	<0.002	<0.01	0.48	8.6	1	4	30.9	0.26	<0.05	14	0.141	0.33	1.6
E845276		4.1	44.5	<0.002	0.02	0.52	3.3	1	1.5	73.5	0.08	<0.05	18.4	0.085	0.1	1.2
E845277		1.9	236	<0.002	<0.01	0.47	13.2	1	5.8	14.1	0.4	<0.05	16.8	0.186	0.48	1.6
E845278		2.2	233	<0.002	<0.01	0.56	11.3	1	3.9	14.6	0.36	0.05	18.4	0.183	0.45	1.7
E845279		2.4	240	<0.002	<0.01	0.67	11.9	1	4	14.4	0.29	0.05	19.2	0.168	0.48	1.9
E845280		2.3	253	<0.002	<0.01	1.26	14.1	1	5.6	16.8	0.24	<0.05	19.3	0.145	0.64	2.3
E845281		2	243	<0.002	<0.01	0.62	13.3	1	4.9	15.6	0.33	0.06	18.5	0.164	0.47	2.1
E845282		0.8	0.7	<0.002	<0.01	<0.05	0.2	1	<0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02	0.2
E845283		2.4	289	<0.002	<0.01	0.54	16.2	1	6.3	22	0.4	0.06	17.5	0.212	0.61	2.3
E845284		2	285	<0.002	<0.01	0.61	15.3	1	5.5	18.7	0.18	<0.05	11.3	0.162	0.66	2.9
E845285		2.2	285	<0.002	<0.01	0.54	14.4	1	4.8	18.8	0.36	<0.05	16.6	0.213	0.7	3.5
E845286		0.9	288	0.002	0.02	0.54	14.7	1	4.6	20.1	0.44	<0.05	19.7	0.205	0.78	2.9
E845287		2.3	208	<0.002	0.01	0.53	12.6	2	3.4	16.9	0.24	<0.05	22.7	0.17	0.6	1.6
E845288		1.9	273	<0.002	<0.01	0.44	13.9	1	4	21.1	0.31	0.07	19	0.135	0.86	2.2
E845289		1.8	281	<0.002	0.01	0.46	14.4	2	3.4	20.1	0.45	0.18	20.1	0.149	0.96	2.5
E845290		2.1	343	<0.002	<0.01	0.44	16.7	2	3.8	21.9	0.38	0.68	22.3	0.132	1.22	3.5
E845291		1.6	293	<0.002	<0.01	0.68	12.1	1	2.7	14.2	0.26	0.06	15	0.13	0.92	2.7
E845292		1.9	346	<0.002	<0.01	0.69	18.8	2	3.8	21.7	0.43	<0.05	21.6	0.177	1.35	3.3
E845293		2.6	379	<0.002	<0.01	0.86	19.1	1	4	22.8	0.53	<0.05	24.5	0.212	1.53	4.3
E845294		64.2	37.2	0.08	0.76	88.3	6	5	3	299	0.12	3.73	1.5	0.128	0.24	2.6
E845295		2.4	328	<0.002	<0.01	1.15	17.5	2	3.7	21.6	0.26	0.09	18.8	0.125	1.34	6.3
E845296		3.4	271	<0.002	0.01	1.03	15.1	2	3.6	20.3	0.29	1.26	17.3	0.127	1.12	5.3
E845297		1.9	408	<0.002	<0.01	0.67	22.6	2	6.3	24.2	0.44	<0.05	22.1	0.194	1.68	2.9
E845298		3.1	274	<0.002	<0.01	0.8	14.6	1	3.5	23.2	0.25	0.06	18.4	0.131	1.12	2.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07093494

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E845274		41	6	14.3	6	109
E845275		39	5.2	6.6	7	61.8
E845276		21	2.4	2.8	10	30.6
E845277		56	7.2	6.8	3	64.8
E845278		52	4	9.1	3	71.7
E845279		59	3.2	12	5	77.3
E845280		62	4.6	11.7	17	67.2
E845281		63	4.3	10.8	5	73.2
E845282		<1	<0.1	1.7	5	26.6
E845283		77	5.9	10.4	5	89.2
E845284		73	4.4	9.5	10	95.5
E845285		75	4.7	12.5	8	112
E845286		74	4.2	12	11	99.5
E845287		66	3.6	7.2	10	69.5
E845288		68	3.5	10	5	88.6
E845289		66	3	22.5	7	107
E845290		74	2.8	12.8	4	110.5
E845291		70	1.7	9.3	13	83.2
E845292		79	2.8	12.3	7	113
E845293		94	3.4	14	22	108.5
E845294		67	15	10.9	115	25.3
E845295		72	2.8	9.2	13	90.7
E845296		66	3.6	9.9	19	78.6
E845297		89	6.4	9.6	6	108
E845298		64	3.3	9.9	13	83.5

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

CERTIFICATE TR07097549

Project: Werneckes - E

P.O. No.: FRG07-01

This report is for 54 Drill Core samples submitted to our lab in Terrace, BC, Canada on 31-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E845450		8.23	<0.005	0.03	11.55	1.2	1660	4.24	0.09	0.13	<0.02	120	5	70	22.3	12.3
E845451		6.35	<0.005	<0.01	11.45	1.2	1890	4.03	0.22	0.1	<0.02	95.8	4.5	72	22.6	4.7
E845452		7.77	<0.005	0.01	10.45	1.3	1920	3.66	0.05	0.15	<0.02	98.5	6.7	68	20.8	4.1
E845453		8.85	<0.005	0.02	10.8	1.2	2020	3.76	0.12	0.13	<0.02	112	6	62	21.6	6.8
E845454		8.93	<0.005	0.03	11.15	1.1	2020	3.14	0.06	0.13	<0.02	114	11.5	70	20.1	8.5
E845455		8.65	<0.005	0.03	10.7	1.1	1650	2.83	0.08	0.18	<0.02	190.5	9.2	66	19.8	6.6
E845456		7.83	<0.005	0.04	10.95	2	1510	2.82	0.07	0.17	<0.02	114	10	177	19.95	20.1
E845457		7.35	<0.005	0.01	10.75	1.5	1410	2.89	0.13	0.3	<0.02	129	10.5	62	19.15	2.6
E845458		6.90	<0.005	0.01	10.85	1.5	1310	3.28	0.07	0.17	<0.02	125.5	9.8	66	20.3	1.7
E845459		9.85	<0.005	<0.01	11.1	1.6	1410	3.01	0.03	0.13	0.02	134	10	65	20.3	2.8
E845460		9.49	<0.005	<0.01	11.2	1.4	1380	3.28	0.14	0.14	<0.02	139	10.4	69	20.1	2.7
E845461		9.34	<0.005	0.03	11.4	1.6	1520	3.72	0.06	0.12	<0.02	128.5	10.7	66	20.8	2.3
E845462		9.43	<0.005	0.01	11.3	1.5	1390	4	0.26	0.15	<0.02	123.5	9.6	65	19.2	2.9
E845463		6.88	<0.005	0.05	11.15	1.4	1080	4.02	0.14	0.18	<0.02	99.7	13.8	69	16.85	8.3
E845464		6.73	<0.005	0.03	10.35	2.3	870	3.42	0.08	0.16	0.04	96.2	13.4	64	14.8	8
E845465		6.66	<0.005	0.03	10.9	0.9	1020	3.63	0.09	0.13	<0.02	79.3	11.1	71	16.15	2.5
E845466		7.77	<0.005	0.01	11.15	2.4	1100	3.35	0.08	0.13	<0.02	91	7.2	69	16.75	4.1
E845467		7.76	<0.005	0.03	10.6	1.5	1170	3.37	0.07	0.13	0.02	70.6	10.3	68	16	2.6
E845468		3.66	<0.005	0.02	10.75	1.6	1100	3.58	0.1	0.16	<0.02	106	7.7	62	15.85	1.9
E845469		5.30	<0.005	0.05	10.65	1.5	1190	3.95	0.1	0.14	<0.02	94.2	9.6	67	16.45	2.6
E845470		8.59	<0.005	0.03	10.8	1.2	1420	3.55	0.07	0.17	<0.02	137	8.4	64	16.5	3.1
E845471		3.64	<0.005	0.03	10.35	0.6	1410	3.21	0.07	0.17	<0.02	116.5	6.7	64	16.95	2.7
E845472		7.79	<0.005	0.04	12.25	1	1920	3.82	0.03	0.07	<0.02	38.2	4.8	82	18.35	2.1
E845473		5.23	<0.005	0.02	11.05	1.4	1870	3.97	0.05	0.12	<0.02	94.9	5.1	62	16.9	2.7
E845474		5.36	<0.005	0.03	13.25	1.6	2230	4.14	0.04	0.1	<0.02	19.65	1.4	81	19.8	3.8
E845475		5.73	<0.005	0.03	14.55	1.7	2340	4.31	0.03	0.1	<0.02	2.23	1.9	78	18.8	3.8
E845476		5.93	<0.005	0.01	11.55	1.6	1270	3.15	0.02	0.09	<0.02	2.16	2.2	60	12.8	2.7
E845477		4.23	<0.005	0.01	14.6	1.3	2340	4.04	0.02	0.05	<0.02	1.26	1.7	93	19.9	3.6
E845478		6.57	0.006	0.01	14.4	1.5	2480	4.53	0.04	0.07	<0.02	3.88	1.3	85	19.2	2.8
E845479		0.05	0.012	0.01	0.06	0.4	10	<0.05	0.01	0.01	0.03	2.21	0.1	<1	0.06	0.8
E845480		5.92	0.005	0.05	9.89	1.6	890	2.44	0.05	0.12	<0.02	39.9	8.4	54	11	2.1
E845481		6.52	<0.005	<0.01	10.1	1.1	1160	2.92	0.04	0.07	<0.02	61.7	6.5	60	17.95	4.4
E845482		5.37	0.009	<0.01	9.62	0.8	760	2.58	0.03	0.12	<0.02	53.6	2.8	52	12.75	1.5
E845483		5.75	<0.005	<0.01	9.18	0.7	540	2.23	0.01	0.14	<0.02	47.1	3.7	59	8.32	2.3
E845484		5.12	<0.005	0.05	6.73	1	510	1.57	1.11	0.31	<0.02	60.9	8.1	44	8.18	4.2
E845485		0.06	0.885	38.5	4.13	1370	480	0.45	31.4	6.5	0.16	23.7	42.2	284	1.13	4280
E845486		5.24	<0.005	0.14	9.21	1.6	660	2.25	0.06	0.09	<0.02	72.7	7.8	51	12.1	3.9
E845487		5.52	<0.005	0.03	9.96	0.9	890	2.55	0.05	0.07	<0.02	96.2	5.2	66	16.8	1
E845488		5.29	<0.005	0.05	9.6	0.6	940	2.68	0.06	0.08	<0.02	65	7.5	67	16.4	0.6
E845489		8.17	<0.005	<0.01	10.2	0.6	1070	2.76	0.01	0.07	<0.02	82	6.8	60	19	0.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845450		5.09	29.5	0.22	3.1	0.103	4.97	57.8	13.3	0.49	99	3.15	0.29	5.4	39.4	590
E845451		5.08	29.9	0.21	2.5	0.087	4.83	46.8	12.9	0.45	80	1.69	0.3	5.6	30	510
E845452		5.18	27.5	0.21	2.4	0.072	4.17	46.5	14.5	0.53	109	0.53	0.29	4.2	40.5	690
E845453		4.3	29	0.24	2.7	0.073	4.44	54.3	14.1	0.43	101	0.6	0.31	5.1	32	580
E845454		4.62	30	0.21	3	0.071	4.38	52.6	21.8	0.78	205	0.57	0.34	5.5	47.4	640
E845455		3.4	29.7	0.27	2.8	0.073	4.12	90	21.4	0.73	219	1.46	0.46	6.1	44.3	700
E845456		4.88	29	0.23	3	0.066	4.1	53.2	22.6	0.72	267	20.2	0.35	5.2	125.5	640
E845457		3.82	28.7	0.23	3.6	0.069	4.01	60	24.3	0.84	277	1.28	0.34	7.5	44	610
E845458		4.26	28.5	0.21	3.3	0.071	4.06	59.9	26.9	0.85	253	1.4	0.35	6.6	43	620
E845459		4.18	30.4	0.23	3.3	0.065	3.95	63.5	30.5	0.86	259	0.94	0.39	6.5	50.5	630
E845460		5.06	29.1	0.24	3	0.063	3.98	66.7	27.7	0.79	251	0.44	0.41	5.6	42.7	670
E845461		4.11	30.6	0.22	3.3	0.064	3.92	59.3	30.5	0.76	264	0.54	0.51	6.4	40.5	540
E845462		3.8	28.7	0.22	3.1	0.07	3.83	59.5	26	0.63	210	0.59	0.57	6.6	36.8	630
E845463		4.88	29.5	0.23	3.4	0.069	3.66	44.2	40.8	0.92	345	1.96	0.57	5.9	49.2	670
E845464		4.01	28	0.21	3.1	0.063	3.16	44.9	40.7	0.94	328	0.78	0.62	7.5	44.9	560
E845465		4.47	30.4	0.19	3	0.061	3.61	34.8	46.8	1.3	322	0.6	0.55	6.2	51.8	510
E845466		3.91	30.3	0.21	2.8	0.064	3.67	40.6	37.3	1.02	216	0.59	0.96	5.3	57.5	480
E845467		4.16	28.8	0.18	2.8	0.064	3.63	31.3	35.6	0.97	232	0.74	0.47	4.4	50.1	540
E845468		3.91	28	0.2	2.8	0.064	3.52	50.6	39.9	0.98	253	0.66	0.79	5.9	48.3	530
E845469		4.07	29.1	0.18	3	0.069	3.69	40.1	34.8	0.9	220	0.74	0.48	5.8	48.4	580
E845470		3.45	29.7	0.23	2.4	0.065	3.72	64.4	32.3	0.87	249	0.75	0.45	4.5	46.4	570
E845471		3.24	28.6	0.19	2.3	0.061	3.79	55.3	30.6	0.88	248	0.34	0.43	6	44.5	500
E845472		2.26	38.5	0.15	2.7	0.071	4.85	15.8	37.5	0.97	247	0.23	1.07	10.6	26.9	150
E845473		3.7	30.5	0.19	2.8	0.066	4.19	45.3	27.2	0.79	229	0.27	0.51	6.3	45.4	450
E845474		1.49	41.2	0.12	4.9	0.077	5.14	8.3	18.8	0.44	95	0.34	1.52	18.5	14.3	110
E845475		1.49	42.1	0.1	3.8	0.072	5.29	0.8	24.1	0.5	123	0.24	2.57	15.9	8.4	20
E845476		1.14	30.2	0.1	2.7	0.047	3.49	0.9	19.3	0.46	113	0.23	4.17	12.7	10	10
E845477		1.46	42.5	0.11	4.4	0.074	5.43	0.5	20.4	0.45	88	0.19	2.27	21	8.8	20
E845478		1.38	40.3	0.11	5.2	0.069	5.34	1.5	17.7	0.4	78	0.21	2.23	25.7	9.7	30
E845479		0.01	0.26	0.07	0.8	<0.005	0.01	1.3	1.9	<0.01	<5	0.05	<0.01	0.2	0.4	10
E845480		2.74	27.9	0.14	2.8	0.042	2.58	17.8	67.1	2.36	457	0.17	1.85	7.5	39	290
E845481		2.97	32	0.14	3	0.058	3.73	28.1	46.2	1.77	375	0.36	0.97	7	43.1	180
E845482		1.51	26	0.1	3.8	0.044	2.62	24.2	19.2	0.66	165	0.2	3.38	11.8	13.4	80
E845483		1.19	20	0.08	4.1	0.026	1.9	24.7	20.4	0.62	153	0.32	4.17	13.8	19.5	110
E845484		2.09	17.05	0.1	2.1	0.024	1.65	33.2	42.1	1.27	329	2	1.48	6.2	27	1200
E845485		4.02	12.65	0.19	0.7	0.204	1.42	18	11.9	0.8	1675	673	0.65	1.7	21.2	520
E845486		2.28	24	0.11	3.6	0.042	2.36	36.8	51.6	1.53	382	1.78	2	8.5	25.1	110
E845487		2.37	27.5	0.14	3.1	0.053	3.54	46.1	35.8	0.85	345	0.69	1.51	8.2	31.7	120
E845488		3.36	27.7	0.12	2.8	0.062	3.66	31.9	37.1	1.09	463	0.64	0.52	5.8	42.4	340
E845489		3.22	30.5	0.14	3	0.068	3.72	42.3	32.7	0.94	404	0.38	0.57	6.1	42.6	240

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845450		3	369	<0.002	0.01	0.53	17	2	3.8	27.6	0.37	0.07	20.4	0.25	1.92	4.3
E845451		2.9	368	<0.002	<0.01	0.55	16.4	2	4.5	28.5	0.36	0.16	17.9	0.275	1.99	2.6
E845452		3.1	321	<0.002	<0.01	0.55	16.2	1	3.3	30.8	0.31	0.05	17.7	0.205	1.91	4.4
E845453		3.4	343	<0.002	<0.01	0.64	16.5	2	3.7	33.7	0.39	0.08	19	0.172	2.07	3.4
E845454		3.6	320	0.002	<0.01	0.63	17.5	2	3.6	36.5	0.43	<0.05	20.2	0.218	2.16	4.1
E845455		4.2	308	<0.002	<0.01	0.7	16.8	2	3.4	41.5	0.47	0.05	20.4	0.195	2.15	3.6
E845456		3.8	308	0.003	<0.01	0.79	16.4	2	4.2	43.8	0.39	<0.05	18.9	0.166	2.25	3.8
E845457		3.8	298	<0.002	<0.01	0.78	15.8	2	3.3	45.3	0.57	<0.05	18.4	0.181	2.23	4.2
E845458		4.1	299	<0.002	<0.01	0.72	16.6	2	3.2	53.7	0.49	0.06	18.9	0.172	2.2	3.7
E845459		4.6	309	0.002	<0.01	0.76	17.7	2	3.1	65.2	0.5	<0.05	18.6	0.167	2.35	3.7
E845460		4.6	311	<0.002	<0.01	0.63	17.6	2	3.1	76.9	0.43	0.09	18.7	0.154	2.36	3.3
E845461		5.1	310	<0.002	<0.01	0.72	17.7	2	3.4	97.4	0.47	<0.05	17.3	0.167	2.28	3.6
E845462		5.6	290	0.002	<0.01	0.66	17.1	2	3.2	122.5	0.51	0.17	19.4	0.176	2.17	4.9
E845463		5.4	241	<0.002	<0.01	0.71	17.3	2	3.4	110.5	0.46	0.07	17.1	0.155	1.91	4.7
E845464		5.4	228	<0.002	<0.01	0.69	16.5	2	3.2	98.7	0.57	0.05	17.5	0.178	1.67	4
E845465		5.2	221	<0.002	<0.01	0.59	17	2	3.6	86	0.48	0.07	16.4	0.174	1.8	4.2
E845466		6	236	<0.002	<0.01	0.64	17.4	2	3.5	82.3	0.41	<0.05	16.1	0.166	1.75	4
E845467		5.1	235	<0.002	<0.01	0.5	16.2	1	3.1	85.5	0.34	0.07	15.9	0.13	1.81	3.2
E845468		5.3	243	<0.002	<0.01	0.71	16.1	2	3.2	76.7	0.45	<0.05	17.4	0.164	1.72	3.3
E845469		5.1	244	<0.002	<0.01	0.62	16.8	2	3.5	87.1	0.45	0.07	15.7	0.155	1.84	3.4
E845470		5	255	<0.002	<0.01	0.52	17.3	2	3.3	80.2	0.34	0.05	19.2	0.132	1.84	2.8
E845471		5	249	<0.002	<0.01	0.66	16.1	2	3.4	67.6	0.46	0.05	17.2	0.175	1.83	3.4
E845472		5.4	301	<0.002	<0.01	0.82	22.8	2	5	64.9	0.73	<0.05	12.4	0.251	1.93	2.7
E845473		4.9	281	0.002	<0.01	0.61	16.8	2	3.8	62.4	0.47	<0.05	18.6	0.206	1.72	3.9
E845474		6.8	354	<0.002	<0.01	1.04	26.3	2	5.4	76.1	1.1	<0.05	15.3	0.321	1.99	3.9
E845475		7.2	343	<0.002	<0.01	1.02	25.4	2	5.6	77.2	0.98	<0.05	19.2	0.313	1.92	3.5
E845476		5.8	198.5	<0.002	<0.01	0.84	16.8	2	3.8	58	0.75	<0.05	6.5	0.233	1.31	1.7
E845477		7.5	352	0.003	<0.01	1.26	28.8	2	6	76.2	1.33	<0.05	12.5	0.372	2.05	3.2
E845478		7.8	353	<0.002	<0.01	1.74	27.1	2	5.9	78.7	1.78	0.05	26.4	0.469	1.89	4.6
E845479		0.8	1.1	<0.002	0.01	0.06	0.3	2	<0.2	2.1	<0.05	<0.05	0.3	0.005	<0.02	0.2
E845480		5.9	140.5	<0.002	<0.01	0.87	15.5	2	3.2	48.1	0.53	<0.05	12.3	0.174	1.05	3.6
E845481		5.2	207	<0.002	<0.01	0.92	15.9	2	3.9	54.6	0.53	<0.05	14.8	0.185	1.38	3.1
E845482		5.6	158.5	<0.002	<0.01	1.23	12.5	2	3.1	59.7	0.88	<0.05	17.5	0.226	0.97	4.2
E845483		5.2	120	<0.002	<0.01	1.07	10.6	2	2.3	58	0.97	<0.05	16.8	0.251	0.68	4.9
E845484		4.5	108	<0.002	<0.01	0.6	8.7	1	1.7	36.8	0.46	0.61	12.6	0.13	0.64	2.5
E845485		65.2	32.7	0.073	0.69	81.8	5.4	5	3.3	259	0.11	3.2	1.4	0.118	0.23	2.6
E845486		4.8	155	<0.002	<0.01	0.87	13.4	2	2.6	45.6	0.61	<0.05	15.7	0.163	0.94	3.2
E845487		5.7	205	<0.002	<0.01	0.89	15	1	3.2	54.1	0.62	<0.05	16.3	0.201	1.29	3.2
E845488		4.9	201	<0.002	<0.01	0.68	14.9	1	3.2	53.8	0.46	0.05	15.1	0.17	1.41	3
E845489		5.4	232	<0.002	<0.01	0.7	16.8	2	3.5	59	0.48	<0.05	19.3	0.162	1.6	3.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E845450		93	2.7	10.8	11	90.8
E845451		91	4.3	8.5	11	75.7
E845452		96	1.8	10.1	13	73.7
E845453		90	2	9.9	11	82
E845454		100	1.6	10.4	21	87
E845455		92	1.5	10.8	20	82.4
E845456		96	1.3	11.4	19	91.9
E845457		87	1.3	13.8	21	107
E845458		95	1.1	12.4	23	102
E845459		95	1.1	11.9	22	98.5
E845460		98	0.9	11.9	22	91.8
E845461		93	1.2	14.5	22	100
E845462		96	1.2	17.9	18	95
E845463		100	1.1	15.7	22	104
E845464		90	1.3	13.8	18	94.4
E845465		101	1.5	11	22	88.4
E845466		99	1.3	10.9	20	82.5
E845467		94	0.9	9.9	26	83.1
E845468		90	1.3	11.7	22	85
E845469		98	1.1	11.3	24	88.3
E845470		91	1	11.1	24	71.5
E845471		90	1.4	10.1	27	70.4
E845472		117	2.4	4.8	26	79.6
E845473		95	1.4	10.1	25	83.1
E845474		113	3.2	7.7	11	152.5
E845475		124	2.7	3.8	12	119
E845476		82	2	2.3	14	84.3
E845477		123	3.5	2.7	12	133
E845478		118	5.1	4.9	12	158
E845479		1	<0.1	1.8	3	24.7
E845480		87	2	6.2	54	88.3
E845481		94	1.8	7.1	38	77.6
E845482		66	1.9	6.9	15	97.3
E845483		53	1.9	8.3	17	126.5
E845484		46	1	7.5	34	61.7
E845485		60	15.2	10	110	20.5
E845486		63	1.4	7.1	35	99.7
E845487		82	1.4	7.3	28	89.8
E845488		89	1.1	8.3	39	80.1
E845489		86	1.1	9	32	88

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845490		7.70	<0.005	<0.01	10	0.6	1150	2.85	0.01	0.06	<0.02	66.2	6.7	64	19.6	0.3
E845491		8.84	0.006	<0.01	10.15	0.7	1140	2.76	0.03	0.08	<0.02	69.8	7.5	68	20.4	2.9
E845492		7.10	<0.005	0.01	9.35	0.9	920	2.7	0.07	0.32	<0.02	100.5	9.1	62	19.1	4.7
E845493		5.39	<0.005	<0.01	10.15	0.7	960	2.49	0.04	0.42	<0.02	48	10.8	64	18.25	23.2
E845494		7.28	<0.005	0.02	9.49	0.7	950	2.06	0.15	0.13	<0.02	46.8	12.1	67	15.75	11.9
E845495		7.26	<0.005	0.16	10.5	2	920	2.4	0.22	0.14	<0.02	139.5	12.7	70	18.3	10.2
E845496		8.44	<0.005	0.01	9.31	0.9	850	1.63	0.09	0.18	<0.02	82.9	15.1	62	15.5	2.4
E845497		7.74	0.014	0.02	9.67	1.1	930	2.03	0.05	0.12	<0.02	138	11.8	59	18.9	1.8
E845498		7.79	<0.005	0.02	9.69	1	910	2.31	0.07	0.17	<0.02	156.5	15.4	58	19.45	25.8
E845499		7.06	<0.005	0.02	9.4	0.9	940	2.64	0.01	0.15	<0.02	123	13	69	16.45	37.3
E845500		8.73	<0.005	0.01	9.8	0.9	940	2.47	0.03	0.39	<0.02	123	13.5	63	18.65	24.8
E846651		9.07	<0.005	0.02	10.3	0.9	1070	2.47	0.04	0.11	<0.02	143	17	69	20.2	53.2
E846652		7.66	0.005	0.01	10.65	0.9	1140	3.03	0.02	0.17	<0.02	106.5	9.1	78	19.95	56.8
E846653		6.52	0.005	0.02	10.55	0.9	1080	2.83	0.02	0.21	<0.02	109	6.7	71	15.4	21.7

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845490		3.18	30.7	0.13	3.2	0.068	3.68	32.5	31.7	0.9	409	0.68	0.49	6.3	44.4	250
E845491		3.52	30.6	0.13	2.7	0.066	3.88	33.3	33.7	0.89	450	0.88	0.48	6.1	42	290
E845492		4.01	26.4	0.16	2.2	0.062	3.14	49.2	36.9	0.75	476	0.67	0.48	4.7	32.7	440
E845493		4.13	27	0.13	2.4	0.06	3.32	22.5	43	0.94	707	0.82	0.53	4.7	35.5	490
E845494		4.2	26.3	0.13	2.8	0.057	3.18	20.8	43.6	1.03	622	0.58	0.45	5	38.3	500
E845495		4.64	26.5	0.17	2.7	0.057	3.32	70	51.3	1.15	730	1.15	0.47	6	40.7	520
E845496		4.23	24.3	0.15	2.3	0.052	2.93	42.6	45.1	1.14	704	0.73	0.41	4.2	36.6	480
E845497		3.87	26.2	0.19	2.5	0.065	3.14	67.4	36.2	0.93	476	0.61	0.42	5.5	33.1	490
E845498		4.21	25.5	0.19	2.4	0.061	3.21	79.1	34.6	0.98	508	2.08	0.38	3.6	34.5	470
E845499		3.28	26.3	0.17	2.4	0.054	3.55	57.3	32.7	0.87	421	1.36	0.46	4.4	39	430
E845500		3.81	25	0.17	2.4	0.057	3.34	61.9	32.5	0.97	572	1.15	0.38	4.5	35.8	490
E846651		4.24	26.1	0.19	2.6	0.065	3.53	69.5	31.3	0.94	483	1.4	0.4	4.2	35.3	500
E846652		4.08	26.9	0.17	2.5	0.069	3.97	51.9	29.5	0.87	410	1.38	0.41	4.2	33.4	560
E846653		3.26	27.1	0.16	2.4	0.055	3.45	53.3	27.7	0.85	325	0.95	0.96	4.6	36.8	440

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845490		5.9	230	<0.002	<0.01	0.67	16.7	2	3.6	59.3	0.51	<0.05	17.2	0.157	1.63	3.8
E845491		5.5	238	<0.002	<0.01	0.69	16.7	2	3.4	67.4	0.49	<0.05	17.3	0.168	1.78	3.1
E845492		5.5	210	<0.002	<0.01	0.68	13.9	2	3	92.7	0.41	0.05	18.6	0.118	1.84	2.7
E845493		5.8	190.5	<0.002	<0.01	0.64	14.3	1	3	96.5	0.42	<0.05	15.7	0.131	1.87	3.1
E845494		5.2	165.5	<0.002	<0.01	0.59	14.1	1	2.9	76.7	0.42	0.09	13.3	0.136	1.73	3
E845495		5.5	212	<0.002	<0.01	0.91	14.3	2	2.9	80.8	0.51	0.13	18.4	0.168	1.77	3.4
E845496		4.7	186	<0.002	<0.01	0.71	12.6	1	2.7	61.9	0.36	0.05	15.5	0.122	1.75	2.7
E845497		6	213	<0.002	<0.01	0.79	13.7	2	3.2	79.8	0.45	0.05	16.5	0.145	2.12	2.8
E845498		5.7	209	<0.002	0.01	0.55	13.7	2	2.9	78.2	0.32	0.06	17.9	0.111	2.24	3.3
E845499		4.9	192	<0.002	<0.01	0.54	13.6	1	3	68.4	0.41	<0.05	15	0.125	2.01	3.5
E845500		5.4	207	<0.002	0.01	0.57	13.4	2	2.9	75.9	0.4	<0.05	17.5	0.134	2.17	2.9
E846651		5.8	215	<0.002	0.01	0.53	13.6	2	3	87.9	0.39	0.05	17.3	0.13	2.43	3.9
E846652		6	222	<0.002	<0.01	0.5	13.9	2	3.3	88.2	0.39	<0.05	16.8	0.125	2.49	3.1
E846653		5.8	203	<0.002	0.01	0.43	13.9	1	3.2	76.2	0.41	<0.05	16.3	0.117	2.09	2.7

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07097549

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E845490		87	1.1	8.6	32	92.7
E845491		89	1.2	7.7	33	81.5
E845492		75	1	11.3	29	64.3
E845493		85	0.9	8.9	38	69.5
E845494		83	0.9	8	47	82.9
E845495		89	1.1	11.8	51	81.2
E845496		77	1	8	44	67
E845497		78	1.3	8.3	32	71.5
E845498		79	1	9.1	33	71.1
E845499		88	1	9.9	31	69.7
E845500		81	0.8	10.9	36	71.3
E846651		88	1	10.6	36	77.3
E846652		96	0.9	11.1	18	73.6
E846653		89	1.1	9.3	13	67.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 26-OCT-2007
Account: EIAFRG

CERTIFICATE TR07097560

Project: Werneckes - E

P.O. No.: FRG07-01

This report is for 136 Drill Core samples submitted to our lab in Terrace, BC, Canada on 31-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845437		7.17	0.006	0.28	10.3	1.7	1150	4.12	0.05	0.15	<0.02	133	4.7	66	17.4	17.5
E845438		8.57	0.005	0.11	10.4	0.6	1280	4.18	0.08	0.11	<0.02	127.5	2.1	63	18.7	5.6
E845439		3.07	0.005	0.1	11.3	0.7	1390	5.23	0.06	0.09	0.02	128.5	4.4	68	21.3	7.5
E845440		2.18	0.005	0.08	9.33	1.3	750	2.4	0.05	0.18	<0.02	104	11.3	53	5.49	23
E845441		7.61	0.007	0.02	10.3	0.3	1210	5.5	0.04	0.12	<0.02	112.5	7.2	68	17.2	14.9
E845442		2.57	0.006	0.04	8.86	1.5	430	2.9	0.09	0.16	<0.02	69.6	20.9	41	6.31	89.6
E845443		9.67	0.006	0.02	10.5	0.2	1220	3.98	0.05	0.09	0.02	92.6	6.1	61	16.05	35.3
E845444		8.20	<0.005	0.01	9.75	0.2	1060	3.99	0.53	0.13	<0.02	108	6	60	18.3	27.2
E845445		8.14	<0.005	0.05	10.1	0.4	1020	4.69	0.06	0.17	<0.02	103.5	2.8	58	18.9	6.1
E845446		8.80	<0.005	0.15	10.4	0.2	1070	3.58	0.04	0.11	<0.02	73.2	3.9	61	20.3	1.4
E845447		0.07	<0.005	0.15	0.36	0.4	50	0.18	0.03	0.01	0.02	5.21	1.1	6	0.58	4.6
E845448		9.28	<0.005	0.17	10.8	0.2	1310	4.57	0.05	0.15	<0.02	163.5	3.1	68	21.4	0.7
E845449		8.59	<0.005	0.14	10.6	0.8	1330	4.21	0.13	0.14	<0.02	205	4	62	21.3	1.5
E846654		6.98	<0.005	0.04	10.8	1.3	960	2.7	0.06	0.14	0.02	97.6	4	55	12.15	56.2
E846655		6.64	<0.005	0.11	9.16	0.6	580	2.25	0.56	0.13	<0.02	160	15	54	9.82	9.6
E846656		7.46	<0.005	0.01	9.34	1.1	690	2.5	0.06	0.08	<0.02	116	11.3	52	12.3	12.4
E846657		7.81	<0.005	0.01	9.21	2.3	610	2.13	0.07	0.13	0.02	129	9	51	12.8	6.6
E846658		5.06	<0.005	0.01	9.09	<0.2	630	2.33	0.03	0.13	<0.02	93	6.2	57	13.1	5.9
E846659		5.41	<0.005	0.03	8.64	<0.2	570	3.08	0.05	0.16	<0.02	70.7	8	54	12	8.2
E846660		2.51	0.006	0.19	8.86	2.8	470	2.53	0.56	0.13	0.03	51.6	25.8	52	10.6	25.3
E846661		4.97	<0.005	0.12	9.71	2.4	600	2.72	0.19	0.09	<0.02	81.2	20.6	65	12.3	26.3
E846662		4.07	<0.005	0.08	10.25	0.4	730	2.59	0.07	0.13	<0.02	128.5	11.4	65	12.95	15.7
E846663		4.82	<0.005	0.08	9.67	0.4	640	2.49	0.04	0.1	0.02	84	13.4	64	12.85	20.9
E846664		0.98	<0.005	0.06	8.24	<0.2	410	2.58	0.05	0.1	<0.02	49	3.9	33	10.05	13.8
E846665		5.11	<0.005	<0.01	8.82	0.9	590	2.04	0.03	0.1	<0.02	125	7.9	52	12.3	11.3
E846666		6.60	<0.005	0.01	8.63	<0.2	580	2.39	0.04	0.09	<0.02	120	9.7	49	12.6	11.4
E846667		7.66	<0.005	<0.01	9.27	<0.2	630	2.72	0.03	0.21	<0.02	102.5	6.2	57	13.95	2.2
E846668		7.49	<0.005	<0.01	8.7	<0.2	580	2.4	0.08	0.26	<0.02	129	9	51	12.4	7.5
E846669		7.03	<0.005	0.01	8.76	0.3	540	2.6	0.07	0.25	<0.02	137	11.3	50	12.7	39.6
E846670		6.23	0.005	0.03	8.81	1.4	530	2.57	0.06	0.06	<0.02	100	13.6	49	13.8	19.6
E846671		2.02	<0.005	0.06	8.47	6.2	550	2.57	0.08	0.08	0.02	108.5	23	47	12.65	30.5
E846672		2.19	<0.005	0.07	11.05	0.3	620	3.02	0.02	0.12	<0.02	165	5.8	51	12.25	22.9
E846673		4.14	<0.005	0.01	8.74	8.1	530	3.67	0.15	0.1	<0.02	116.5	21.6	53	12.9	14.7
E846674		4.48	<0.005	<0.01	8.04	3.9	500	2.57	0.06	0.09	<0.02	72.5	13.6	48	10.75	8
E846675		5.52	<0.005	<0.01	10.85	2.6	680	3.91	0.08	0.14	<0.02	64.1	16.6	68	14.95	5.8
E846676		7.00	<0.005	<0.01	10.5	6.4	770	3.81	0.13	0.09	<0.02	43.7	32.1	67	16.35	8.4
E846677		6.60	<0.005	<0.01	8.58	3.6	520	3.04	0.1	0.4	<0.02	90.7	23.3	49	14.85	24.1
E846678		7.30	<0.005	<0.01	8.93	1.8	520	3.14	0.05	0.74	<0.02	111	14.2	52	16.05	51.8
E846679		7.27	<0.005	<0.01	9.1	3	570	3.02	0.06	0.09	<0.02	98.6	18.7	53	16.8	8.6
E846680		6.78	<0.005	<0.01	8.8	0.2	560	3.44	0.03	0.08	<0.02	81.5	7	48	18.7	6.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845437		7.46	30.3	0.25	3.3	0.102	4.85	66.5	13.1	0.43	97	0.98	0.25	5.1	39.2	480
E845438		4.49	30.5	0.21	3.6	0.116	5.19	62.6	10.7	0.33	44	0.47	0.24	6.6	24.3	500
E845439		4.42	36.4	0.24	4	0.107	5.26	61.5	14.7	0.4	71	0.8	0.32	8.4	18.8	420
E845440		4.91	18.55	0.24	2.5	0.03	1.58	52.2	34.7	0.76	289	0.82	4.25	5.3	39.3	440
E845441		5.32	31.3	0.23	3.1	0.076	4.82	55.4	14.1	0.43	83	1.97	0.46	4.7	30.3	490
E845442		5.07	18.85	0.19	2.4	0.029	1.84	35.2	40.3	0.59	454	3.3	3.24	3.9	35.4	340
E845443		5.32	30.5	0.2	2.8	0.075	4.61	47.9	13.8	0.37	91	3.33	0.68	4.2	29.7	430
E845444		5.2	27.8	0.23	2.5	0.086	4.5	53	10.3	0.38	69	1.41	0.22	3.6	35.7	520
E845445		4.2	29.8	0.21	3.5	0.083	4.72	51.3	11.5	0.38	93	1.29	0.23	6	27.3	490
E845446		4.28	29.6	0.2	3.5	0.081	4.67	35.8	12.8	0.54	97	0.81	0.24	7	32.2	480
E845447		0.9	1.22	0.07	1	<0.005	0.14	2.8	2.2	0.02	62	1.15	0.01	0.5	2.9	30
E845448		4.32	32.4	0.25	3.5	0.088	5.15	78.4	14.2	0.47	94	1.24	0.26	5.3	29.6	520
E845449		4.6	32.5	0.32	3.7	0.088	4.73	104.5	14.6	0.48	114	2.57	0.26	5.9	34.9	500
E846654		1.28	28.6	0.17	2.7	0.036	3.19	47.9	17.6	0.52	138	0.5	2.72	6.8	19.2	140
E846655		2.56	26.1	0.26	2.3	0.028	2.51	80.7	45.4	1.53	316	0.85	2.01	6.9	36	460
E846656		2.07	27.9	0.18	2.6	0.017	3.04	57.7	27.5	0.93	179	1.3	1.31	7.3	34.6	250
E846657		2.39	26	0.2	3	0.021	3.16	66.5	31.2	1.06	200	0.57	0.95	5.9	31	380
E846658		2.42	27	0.16	3.4	0.022	3.25	45.3	30.7	0.96	193	0.4	0.72	4.6	39	580
E846659		2.74	24.6	0.15	2.3	0.021	2.88	36.2	41.1	1.33	285	0.86	0.32	4.5	38	720
E846660		4.15	27.8	0.17	2.3	0.017	2.43	28.2	76.3	2.99	402	2.2	0.34	4.9	55.4	610
E846661		4.46	34.3	0.19	2.8	0.036	3.24	36.8	84.2	2.82	409	2.95	0.32	5.5	59.8	470
E846662		3.86	31	0.2	3.7	0.03	3.39	61.2	57.7	2.03	323	0.54	0.35	5.9	56.8	640
E846663		4.19	33	0.2	3	0.032	3.16	37.5	75.5	2.57	371	0.74	0.4	5.7	66.4	490
E846664		1.21	19.7	0.13	1.6	0.019	2.02	25.1	26.4	0.48	136	0.47	2.48	4.2	15.2	130
E846665		2.8	26	0.2	2.6	0.024	2.97	62.5	36.7	1.04	233	0.56	0.61	4.9	38.7	420
E846666		3.04	25.5	0.21	2.4	0.017	2.83	60.3	42.8	1.13	244	0.88	0.51	4	48.1	320
E846667		2.87	28	0.2	2.6	0.024	3.34	50.2	30.7	1.04	260	0.46	0.46	4.6	36.8	310
E846668		3.07	26.4	0.22	2.4	0.022	2.93	64.7	38.9	1.09	320	0.46	0.38	4.1	42.4	360
E846669		2.9	25.4	0.21	2.9	0.025	3.02	68.9	33.1	0.94	303	0.54	0.49	5.5	35.1	340
E846670		2.95	26.8	0.2	3	0.022	3.05	50	32.4	0.94	245	1.57	0.32	6.7	33.6	340
E846671		2.82	25	0.18	2.7	0.022	3.03	53.5	32.2	1.03	196	0.93	0.27	7.3	42.4	350
E846672		1	28.5	0.22	3.3	0.022	3.26	84.2	11.4	0.39	84	0.4	2.85	7.6	13.9	240
E846673		2.7	28.4	0.19	2.5	0.025	3.11	60.3	30.2	0.95	150	3.4	0.66	7.2	45.2	460
E846674		2.41	23.6	0.15	2.1	0.02	2.9	37.6	22.6	0.79	122	2.57	0.47	5.9	36.9	310
E846675		1.93	33.1	0.14	2.4	0.029	4.07	29.6	21.6	0.68	140	1.5	1.37	6.5	35.3	230
E846676		2.05	36.9	0.14	2.8	0.021	4.4	18.4	22.2	0.7	105	1.78	1	6.8	36.3	310
E846677		2.95	27.6	0.17	2.5	0.023	3.36	42.9	28.4	0.95	266	0.83	0.28	7.1	40.6	570
E846678		2.86	27.4	0.2	2.2	0.026	3.44	53.8	24.8	0.81	537	0.8	0.26	6.1	30.8	460
E846679		2.72	28.8	0.17	2.5	0.023	3.53	44.4	27.9	0.76	288	1.12	0.27	5.2	38.4	350
E846680		1.41	27.9	0.14	2.6	0.016	3.55	39.6	13.1	0.43	97	0.79	0.56	8	23.3	300

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845437		11.3	342	<0.002	<0.01	4.1	17	2	3.9	17.8	0.34	0.05	23.4	0.179	1.29	4.7
E845438		8.5	351	<0.002	<0.01	0.74	18.1	2	3.9	18.3	0.48	0.07	24.1	0.195	1.43	4.3
E845439		12.3	346	<0.002	<0.01	0.75	20.8	2	4.6	21.7	0.62	<0.05	24.2	0.249	1.48	4
E845440		34.4	109	<0.002	0.02	0.88	7.4	2	1.7	31.7	0.45	<0.05	16.9	0.176	0.42	2.9
E845441		5.8	335	<0.002	<0.01	0.48	18.6	1	3.6	22.6	0.36	<0.05	20.7	0.156	1.26	3.3
E845442		5.8	123	<0.002	0.01	0.68	8.1	2	2.2	33.3	0.33	0.05	19.7	0.106	0.46	8.7
E845443		3.7	318	<0.002	0.01	0.49	17.9	1	4.1	24	0.31	0.05	20.6	0.144	1.18	10.4
E845444		2.9	332	<0.002	<0.01	0.49	16.6	1	3.1	19.3	0.23	0.35	20.5	0.168	1.43	3.9
E845445		3.5	343	<0.002	<0.01	0.67	16.9	2	3.4	20.8	0.45	0.05	22.6	0.168	1.57	4.1
E845446		6.1	343	<0.002	<0.01	2.31	18.1	2	3.5	21.2	0.51	0.05	22.4	0.244	1.68	4.2
E845447		3	11.5	<0.002	<0.01	0.66	0.8	1	0.3	2.8	<0.05	<0.05	1.1	0.013	0.05	0.4
E845448		6.7	359	<0.002	<0.01	0.9	18.5	2	4	23.4	0.38	<0.05	21.4	0.237	1.72	5.9
E845449		7.4	352	<0.002	<0.01	0.67	18.9	2	3.7	25.9	0.43	0.08	23	0.24	1.75	4.1
E846654		8.4	223	<0.002	<0.01	0.63	17.2	1	3	81.4	0.58	<0.05	19.5	0.166	1.58	2.4
E846655		9.5	169.5	<0.002	<0.01	0.4	14.2	1	2.4	60.3	0.6	0.33	18.9	0.157	1.28	2.6
E846656		8	205	<0.002	0.01	0.4	16.3	1	2.8	78.7	0.65	<0.05	21.4	0.173	1.56	2.6
E846657		8	206	<0.002	0.01	0.48	15.4	1	2.6	77.3	0.51	<0.05	20.4	0.154	1.69	2.8
E846658		7.8	215	<0.002	<0.01	0.38	15.4	1	2.6	78.9	0.38	<0.05	17.6	0.127	1.84	3.4
E846659		6.8	195	<0.002	<0.01	0.64	13.8	1	2.4	64.9	0.4	<0.05	16.6	0.122	1.52	3.1
E846660		9.6	148.5	<0.002	0.14	1.95	15	2	2.5	60.7	0.44	0.36	14.9	0.117	1.36	4.2
E846661		7.7	124	<0.002	0.02	1.26	18.3	1	3.3	78.5	0.49	0.06	13.2	0.138	1.94	3.9
E846662		11.3	191	<0.002	<0.01	0.46	17.8	1	2.8	88.3	0.52	0.05	18.6	0.144	2.04	3.5
E846663		11.4	134.5	<0.002	<0.01	0.38	18.1	1	2.9	85.2	0.49	<0.05	14.1	0.137	1.92	2.3
E846664		8.1	155	<0.002	<0.01	0.55	10.9	1	1.8	74.2	0.33	<0.05	14.9	0.093	1.21	1.6
E846665		8	200	<0.002	<0.01	0.41	13.8	1	2.3	78	0.42	<0.05	17.7	0.128	1.68	2.3
E846666		6.2	187.5	<0.002	0.01	0.35	13.7	1	2.3	83.2	0.34	<0.05	19.3	0.102	1.66	2.3
E846667		6.8	220	<0.002	<0.01	0.33	15.8	1	2.8	96.9	0.41	<0.05	20.1	0.12	1.98	2.6
E846668		5.8	198.5	<0.002	<0.01	0.55	14.6	1	2.4	87.6	0.35	0.06	18.9	0.109	1.69	2.3
E846669		6.2	206	<0.002	0.01	0.75	13.9	1	2.4	97.3	0.49	0.06	20	0.126	1.88	3.5
E846670		6.5	219	<0.002	0.02	1.38	15.1	1	2.9	105	0.56	<0.05	20.7	0.131	2.02	4.3
E846671		6.4	191.5	<0.002	0.06	1.43	14.1	1	2.7	87.4	0.65	0.05	20.9	0.173	1.74	5
E846672		8.4	228	<0.002	<0.01	0.8	16.1	2	3	104	0.64	<0.05	28.3	0.169	1.57	3.4
E846673		5.7	217	<0.002	0.09	0.54	15.8	2	2.8	77.7	0.62	0.1	19.8	0.187	1.63	5
E846674		4.8	190.5	<0.002	0.05	0.86	12.6	1	2.6	61.8	0.52	<0.05	15.7	0.157	1.39	5.4
E846675		5.9	246	<0.002	0.12	0.65	18.1	2	3.6	83.5	0.47	0.05	16.3	0.173	1.84	2.5
E846676		5.6	253	<0.002	0.29	0.53	18.3	1	3.8	80.2	0.47	0.11	12.2	0.152	2.1	3.5
E846677		4.6	221	<0.002	0.16	0.62	14.2	1	2.9	60.8	0.51	0.07	16.3	0.146	1.91	2.6
E846678		4.2	236	<0.002	0.06	0.48	15	2	2.8	63.6	0.44	<0.05	16.7	0.128	1.95	2.2
E846679		4.8	240	<0.002	0.14	0.4	15	2	3.1	59.1	0.36	0.05	16.1	0.116	1.93	3
E846680		4.9	246	<0.002	0.05	0.69	15.8	1	3.4	65	0.61	<0.05	17.9	0.181	1.94	2.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E845437		84	6.5	14.2	8	106
E845438		81	3.2	13.8	5	108.5
E845439		85	3.5	12.2	6	121
E845440		47	1.5	8	20	77.5
E845441		86	2.9	11.4	7	97.7
E845442		42	4.8	8.5	19	79.1
E845443		82	4.1	10.7	6	87.9
E845444		81	2.1	13.6	<2	81
E845445		81	2.5	11.8	<2	106
E845446		84	3.1	11.3	3	106
E845447		4	0.3	2.8	<2	31.9
E845448		94	3.7	18.2	2	106.5
E845449		85	2.7	18.5	3	114
E846654		81	2.4	7.6	4	90.3
E846655		68	1.6	9.4	18	76.1
E846656		72	1.6	7.7	9	80.7
E846657		70	1.6	11.2	10	98.8
E846658		76	1.1	10.7	11	113.5
E846659		70	1.3	9	16	81.1
E846660		76	1.5	6.8	37	75.3
E846661		93	1.5	6.1	34	96.6
E846662		88	1.3	10.4	24	122
E846663		91	1.7	6.7	30	100.5
E846664		44	1.6	5.6	5	54.8
E846665		65	1.2	9.2	13	87.5
E846666		64	1.2	9.8	15	80.8
E846667		72	1.6	10	14	90.3
E846668		65	1.2	11.1	15	81.7
E846669		63	1.5	10.7	13	92.4
E846670		62	1.7	9.3	17	91.2
E846671		63	1.6	9.1	10	83.9
E846672		71	1.9	9.7	<2	103
E846673		69	2	8	11	82.7
E846674		62	1.8	6.1	9	63.6
E846675		93	2.4	5.6	10	79
E846676		90	2.7	5	9	87.7
E846677		61	2.2	11.5	17	78.2
E846678		64	2.1	11.7	25	68.3
E846679		68	3.4	7.8	26	79.1
E846680		70	3.4	8.3	11	77.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E846681		7.04	<0.005	<0.01	9.55	<0.2	600	3.61	0.06	0.11	<0.02	77.9	10.3	53	18.3	3.1
E846682		7.16	<0.005	<0.01	9.29	0.7	620	3.61	0.04	0.08	<0.02	241	5.6	55	19.95	2.7
E846683		7.46	<0.005	<0.01	10.2	<0.2	630	3.43	0.02	0.09	<0.02	56.4	2.5	54	16.65	8
E846684		2.73	<0.005	0.09	8.04	96.5	240	3.02	0.49	2.49	<0.02	73.6	16.7	40	2.9	173
E846685		2.53	<0.005	0.33	6.14	180.5	130	1.87	1.39	6.5	0.02	89.5	40.1	26	2.2	283
E846686		2.05	<0.005	0.08	7.38	22.6	280	2.74	0.34	2.48	<0.02	87.6	17.7	39	2.79	62.4
E846687		2.70	<0.005	0.15	5.33	70.2	130	1.4	0.56	8.77	0.03	48.5	14.5	23	1.55	181.5
E846688		2.30	<0.005	0.16	6.6	58.7	120	1.62	0.44	4.18	<0.02	65	16.3	30	1.75	178.5
E846689		0.05	<0.005	0.01	0.06	<0.2	10	<0.05	<0.01	0.01	0.02	2.56	0.1	1	<0.05	1.1
E846690		3.58	<0.005	0.19	7.2	65.3	200	2.93	0.59	3.73	0.19	80.4	14.5	38	2.88	385
E846691		1.59	<0.005	0.17	8.35	51.1	300	4.49	0.38	1.19	<0.02	79	12.4	47	4.19	371
E846692		2.31	<0.005	0.11	7.33	12.2	270	2.25	0.43	3.92	<0.02	69.4	14.2	33	2.1	69.1
E846693		2.06	<0.005	0.07	7.87	22.2	1540	3.35	0.37	3.15	<0.02	40.5	26.3	41	3.73	20.4
E846694		2.60	0.006	0.27	2.64	37	110	0.6	2.43	11.8	<0.02	16.1	65.2	10	0.7	14.4
E846695		0.92	0.005	0.19	2.32	34	40	0.64	2.32	13.9	<0.02	35.1	41.5	8	0.78	16.7
E846696		0.83	<0.005	0.18	2.36	32	50	0.52	2.18	13.45	<0.02	33.3	41.6	9	0.8	12.1
E846697		0.89	0.026	0.8	2.97	18	30	0.85	1.69	12.3	<0.02	13.75	52.6	16	1.29	1790
E846698		2.53	<0.005	0.18	4.12	32	60	1.06	2.36	13.25	<0.02	18.95	22.6	9	1.52	76.2
E846699		2.51	0.005	0.4	4.29	35	120	1.51	3.11	10.4	<0.02	39.6	41.2	16	6.3	163.5
E846700		0.07	0.924	37.1	4.47	1400	520	0.53	27.8	6.95	0.58	23.2	41.6	288	1.14	4570
E846701		2.03	0.007	0.92	5.67	70.8	140	1.99	4.99	5.79	<0.02	93.8	41.4	30	8.34	83.9
E846702		2.73	0.005	0.78	7.64	45.8	200	3.15	5.11	2.67	<0.02	96.4	37	44	9.68	222
E846703		1.84	0.008	0.45	9.02	45	290	3.56	6.55	2.18	<0.02	65.2	44.8	63	8.57	57.4
E846704		2.38	<0.005	0.23	0.53	18.1	220	0.33	1.47	9.63	<0.02	5.74	24.4	8	0.32	24.8
E846705		2.22	0.005	0.16	0.58	17	120	0.42	1.15	12.75	<0.02	5.91	35.3	6	0.38	13.1
E846706		1.87	<0.005	0.18	0.74	12	20	0.4	1.18	13.6	<0.02	6.74	27.9	19	0.4	10.9
E846707		2.47	0.006	0.23	1.07	22	30	0.86	0.93	17	0.03	11.85	39.6	4	0.42	132
E846708		2.28	<0.005	0.39	0.43	24.8	30	0.43	1.56	9.23	0.02	5.53	34.3	12	0.21	18.4
E846709		0.07	<0.005	0.01	0.09	0.7	10	<0.05	0.01	0.02	<0.02	2.59	0.2	1	<0.05	1.2
E846710		2.05	<0.005	0.2	0.32	28.5	20	0.2	1.42	4.13	<0.02	2.63	25.7	17	0.23	18.8
E846711		2.42	0.007	0.66	0.32	68.5	20	0.31	4.26	3.36	0.02	2.75	69.1	17	0.21	41.5
E846712		1.63	<0.005	0.19	0.34	31.8	750	0.25	1.8	0.48	<0.02	1.55	39.9	36	0.23	33.9
E846713		1.38	0.010	0.5	0.3	101	30	0.21	5.07	2.23	0.02	1.73	95.6	21	0.22	44.2
E846714		1.49	<0.005	0.14	0.24	25.8	20	0.18	1.71	1.29	<0.02	1.82	68.8	28	0.14	61.6
E846715		1.06	0.009	0.42	8.86	247	580	5.22	3.22	0.06	<0.02	61	77.9	49	3.17	143
E846716		0.98	0.010	0.39	8.83	274	530	4.96	3.09	0.06	<0.02	88.5	67.6	47	3.34	141
E846717		2.22	0.016	0.59	8.14	147	510	4.41	2.01	0.05	<0.02	101	23.8	51	3.54	137.5
E846718		1.98	0.027	0.42	8.41	49.7	550	4.43	0.86	0.03	<0.02	128.5	14.3	37	2.03	46.4
E846719		2.07	0.005	0.3	7.73	125.5	430	4.3	2.04	0.04	<0.02	65.8	28.9	39	3.99	142.5
E846720		0.06	<0.005	0.02	0.07	0.5	10	<0.05	0.02	0.01	<0.02	3.65	0.2	1	0.05	1.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846681		1.75	28.8	0.14	2.4	0.018	3.59	36.6	18.5	0.52	148	0.81	1.04	6	28	370
E846682		1.55	29.8	0.28	2.7	0.019	3.84	115.5	14.4	0.44	115	0.91	0.6	7.8	22.1	360
E846683		0.85	28.3	0.12	2.7	0.017	3.69	26.9	8.1	0.27	48	1.05	2.16	6.7	9.6	200
E846684		1.76	24.8	0.15	3.3	0.129	2.58	33.5	23	1.29	1905	0.7	2.53	8.8	20.1	490
E846685		3.55	16.05	0.18	2.8	0.134	1.56	42.9	16.3	2.52	4780	1.78	2.47	5.6	47.5	350
E846686		1.38	23	0.15	4	0.127	2.28	39.3	20.9	1.23	1975	0.69	2.94	11.4	18.5	490
E846687		3.8	13.2	0.16	2.6	0.107	1.31	23	11.8	3.56	6270	1.25	2.22	4.9	19.8	310
E846688		2.09	16.75	0.16	3.5	0.088	1.5	32.2	13.3	1.81	3100	0.53	2.97	9	18.6	420
E846689		0.02	0.2	0.07	0.9	<0.005	0.01	1.4	2.1	0.01	8	0.05	0.01	0.2	0.4	20
E846690		2.1	22.8	0.16	3.7	0.134	2.44	39.2	21	1.74	2620	1.45	2.06	10	12.7	440
E846691		1.13	32.8	0.16	4.7	0.161	3.42	37.2	31.9	0.94	961	0.39	1.86	11.7	9.4	510
E846692		2.12	19.35	0.16	3.3	0.089	1.82	33.8	19	1.88	2640	0.82	2.92	9.1	13.7	460
E846693		1.94	25	0.13	3.8	0.123	3.13	18.3	23.7	1.66	2340	1.41	1.77	10.5	12.6	470
E846694		6.27	6.44	0.12	1.3	0.098	0.6	7	12	5.48	7600	14.9	1.03	1.8	38.3	260
E846695		6.31	5.62	0.11	1.5	0.172	0.63	17.3	17.6	6.63	9090	6.63	0.58	1.7	16.3	260
E846696		6.45	5.98	0.12	1.5	0.165	0.65	16.3	21.4	6.55	8560	5.73	0.46	1.5	16.6	240
E846697		6.01	7.29	0.1	1.4	0.145	0.69	6.5	48.4	7.52	6710	4.02	0.04	2.4	24	380
E846698		4.71	9.52	0.11	2.9	0.167	0.96	8.6	35.5	6.64	6950	3.06	0.51	2.6	10.4	190
E846699		4.98	11.45	0.13	2.7	0.186	1.51	19.4	35.4	5.12	7230	5.49	0.44	3	24.2	460
E846700		4.52	13.4	0.11	0.8	0.192	1.51	17.1	11.5	0.84	1800	741	0.69	1.7	19.1	570
E846701		4.61	14.35	0.17	3	0.144	1.94	47.4	34.9	2.75	5390	6.79	1.03	4.7	39.9	650
E846702		3.89	20.6	0.18	4.2	0.146	2.94	48.4	56.1	1.78	3400	7.23	0.88	7.2	37.6	810
E846703		4.08	26.3	0.16	4.7	0.124	3.86	33.2	73	2.01	2010	10.35	0.47	7.6	29.2	1020
E846704		2.63	1.3	0.07	0.2	0.046	0.11	2.5	10.1	5.01	4380	2.39	0.02	0.4	10.8	50
E846705		2.79	1.21	0.07	0.3	0.043	0.21	2.4	5.3	6.89	4470	2.18	0.04	0.6	12	300
E846706		3.09	1.55	0.06	0.3	0.045	0.23	2.6	6.9	7.26	5430	1.48	0.12	0.7	9.5	480
E846707		4.15	1.58	0.09	0.5	0.089	0.18	5	13.1	9.16	7550	4.7	0.1	0.8	21.8	420
E846708		2.98	1.3	0.06	0.2	0.062	0.08	2.7	9.6	4.8	5180	2.53	0.01	0.5	14.6	130
E846709		0.02	0.25	<0.05	0.9	<0.005	0.02	1.7	2.1	0.01	8	0.05	<0.01	0.2	0.5	10
E846710		2.01	0.93	<0.05	0.2	0.03	0.1	1.3	5.5	1.99	2760	1.27	0.02	0.4	10.9	30
E846711		2.42	1.06	0.05	0.2	0.034	0.08	1.3	7.6	1.6	2450	3.54	0.01	0.5	22.1	70
E846712		1.41	1.36	<0.05	0.2	0.006	0.09	0.7	6.7	0.28	431	4.69	0.01	0.5	10.9	320
E846713		2.42	0.87	0.06	0.1	0.012	0.1	0.9	3.3	1.04	1050	2.22	0.01	0.5	20	70
E846714		1.3	0.63	<0.05	0.1	0.009	0.07	0.9	3.4	0.62	894	1.13	0.01	0.4	15.1	40
E846715		1.3	27.3	0.09	4.2	0.06	3.65	36.2	39.8	0.65	40	3.65	0.13	10.8	16.3	310
E846716		1.32	26.4	0.12	4.4	0.067	3.88	52.3	35.9	0.65	39	7.13	0.13	11.3	14.4	310
E846717		1.7	24.4	0.12	4.2	0.114	3.95	60.5	29.9	0.59	38	3.24	0.11	10.8	5.2	280
E846718		0.68	24.7	0.14	4.5	0.066	3.35	76.1	24.9	0.51	31	1.44	0.11	11.6	3.6	130
E846719		1.34	22.6	0.09	4.3	0.073	3.08	41.6	30.7	0.55	42	3.89	0.09	8.7	9.3	290
E846720		0.02	0.24	<0.05	0.9	<0.005	0.02	2.2	2.2	<0.01	<5	0.08	<0.01	0.2	0.7	20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846681	5.3	244	<0.002	0.08	0.42	15.5	1	3.2	65.2	0.42	<0.05	17.6	0.133	1.82	2.3
E846682	4.8	255	<0.002	0.03	0.62	15.5	2	3.4	60.1	0.55	<0.05	15.3	0.176	1.92	2.7
E846683	5.3	237	<0.002	<0.01	0.38	14.8	1	3.1	69.1	0.48	<0.05	17.2	0.155	1.68	2.7
E846684	3.2	118.5	<0.002	0.47	0.92	13.4	2	3	24.2	0.64	<0.05	12.9	0.239	0.39	1.4
E846685	7	76.2	<0.002	1.02	2.56	11.3	2	1.7	37.2	0.41	0.06	10.9	0.142	0.24	1.5
E846686	5.2	102.5	<0.002	0.18	0.8	11.7	1	3	25.1	0.83	0.05	13	0.247	0.36	1.8
E846687	9	64.1	<0.002	0.35	0.75	11.8	1	1.5	40.2	0.37	<0.05	9.6	0.123	0.19	1.5
E846688	4	76.5	<0.002	0.27	0.81	11.1	1	2	26.5	0.66	<0.05	11.6	0.199	0.21	1.7
E846689	0.9	0.4	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.2	0.005	<0.02	0.2
E846690	7.6	116.5	<0.002	0.31	1.12	12.5	1	3.4	24.8	0.71	0.05	13.4	0.232	0.36	2.1
E846691	5.1	174.5	<0.002	0.26	1.07	15.4	2	5.4	16.6	0.83	<0.05	16.2	0.274	0.55	2.5
E846692	5.8	85.1	<0.002	0.2	0.69	11.9	1	2.6	26.1	0.65	0.06	12	0.211	0.27	1.6
E846693	2.9	142	<0.002	0.36	0.8	12.7	1	3.8	37	0.76	<0.05	12.2	0.258	0.44	1.6
E846694	3	28.4	<0.002	3.22	1.42	4.9	2	0.6	105	0.13	0.09	4.8	0.041	0.25	1.5
E846695	2.4	27.3	<0.002	1.87	0.58	4	2	0.4	30.5	0.11	0.08	3.9	0.035	1.12	2.5
E846696	2.2	27	<0.002	1.92	0.58	4	2	0.4	29.6	0.1	0.09	3.9	0.037	0.98	2.4
E846697	2.8	26.2	<0.002	1.16	1.28	6.1	2	0.5	26.9	0.19	0.08	6.2	0.068	0.39	2.5
E846698	4.6	41.8	0.002	1.14	0.92	4.1	2	0.8	81.7	0.19	0.07	5.9	0.055	1.72	2.8
E846699	18.5	79.9	<0.002	1.88	2.12	6.6	2	1.1	43.7	0.2	0.08	7.8	0.08	1.36	16.8
E846700	64.7	33.8	0.085	0.79	84.3	5.6	5	2.7	290	0.1	3.26	1.3	0.124	0.21	2.4
E846701	8.8	107.5	<0.002	2.32	6.19	9.3	2	1.5	33.3	0.32	0.11	10.3	0.139	0.58	13.5
E846702	7.9	165	0.002	1.47	6.59	11.8	2	2.3	21.3	0.49	0.08	13.8	0.202	0.81	7.1
E846703	6.8	187	0.007	1.47	4.26	13.2	2	4.4	14	0.5	0.07	15	0.251	1.21	4.7
E846704	4.4	6	<0.002	0.52	0.76	1	2	<0.2	36.2	<0.05	<0.05	0.7	0.008	0.18	2.6
E846705	3.5	9.8	<0.002	0.76	0.59	0.9	2	<0.2	46.3	<0.05	<0.05	0.8	0.01	0.14	2.1
E846706	3.5	10.4	<0.002	0.69	0.68	1.1	2	<0.2	47.4	<0.05	<0.05	0.9	0.011	0.13	1.2
E846707	4.4	9	<0.002	0.44	0.72	1.4	2	<0.2	58.6	0.05	<0.05	1.6	0.014	0.14	6.4
E846708	8.4	3.8	<0.002	0.43	1.32	0.8	2	0.2	30.4	<0.05	<0.05	0.6	0.009	0.17	3.1
E846709	1	0.8	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.4	0.006	<0.02	0.3
E846710	6.3	4.7	<0.002	0.4	0.93	0.5	1	<0.2	15.5	<0.05	<0.05	0.5	0.005	0.21	2.3
E846711	13.6	3.7	<0.002	0.93	2.7	0.5	2	0.2	12.8	<0.05	0.07	0.8	0.007	0.5	3.4
E846712	5.3	5.4	<0.002	0.57	1.09	0.4	1	0.2	8.4	<0.05	0.06	0.7	0.009	0.38	2.5
E846713	9.9	4.8	<0.002	1.68	1.36	1	1	0.2	10.4	<0.05	0.17	0.6	0.005	4.1	2.2
E846714	3.2	3.1	<0.002	0.49	0.77	0.5	2	0.2	6.4	<0.05	0.08	0.4	<0.005	0.22	1.7
E846715	7	180	0.003	0.27	2.41	16.2	2	3.2	10.7	0.73	0.05	15.2	0.273	1.91	7.4
E846716	6.1	180	0.005	0.29	2.16	15.7	2	3.2	9.6	0.79	<0.05	16.2	0.282	1.96	7.7
E846717	4.2	173	0.004	0.4	2.57	15.2	2	3.2	9.8	0.74	<0.05	16.4	0.283	1.59	4.2
E846718	2.8	170	0.002	0.14	1.47	16	2	3.3	7.2	0.8	<0.05	13.6	0.283	1.38	3.5
E846719	3.1	172	0.005	0.21	2.48	13.5	2	3	8.7	0.6	<0.05	14	0.22	1.53	5.8
E846720	1	0.7	<0.002	0.01	0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.6	0.007	0.02	0.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E846681		71	3.1	7.4	16	75.6
E846682		76	3.7	9.5	13	85.8
E846683		74	3.4	6.4	7	87.4
E846684		65	2.9	14.7	8	98.9
E846685		45	1.8	17.4	21	82.3
E846686		56	2.7	16.3	10	121.5
E846687		46	1.5	19	33	74.8
E846688		52	2	17.8	15	104.5
E846689		<1	<0.1	1.9	5	26
E846690		66	2.7	16.3	14	111.5
E846691		78	3.6	17.1	8	139
E846692		51	2.7	15.3	14	100
E846693		75	3.4	14.9	12	114
E846694		26	1.1	14.9	13	40.7
E846695		23	1.4	20	11	50.7
E846696		25	1.5	19.2	12	50.5
E846697		33	2.6	13.7	22	44.3
E846698		22	1.8	14.7	13	87.9
E846699		39	2.5	18.7	11	86.3
E846700		62	16.5	10	114	22.9
E846701		54	2.1	20.9	10	93.5
E846702		68	3.2	23.4	12	133
E846703		86	10	20.3	29	141
E846704		5	0.6	6.5	10	9.5
E846705		5	0.7	6.6	7	10.2
E846706		6	0.7	6.6	7	11.7
E846707		8	1	14.2	15	17.3
E846708		6	0.5	9.2	11	12.5
E846709		1	<0.1	1.8	3	29
E846710		2	0.3	4.4	6	12.1
E846711		6	0.4	4.9	8	8.4
E846712		17	0.9	2	7	8.7
E846713		4	1.7	2.2	4	6.4
E846714		2	0.3	1.8	4	4.5
E846715		66	7.9	13.4	3	140
E846716		63	8.7	13.5	3	139
E846717		67	7.4	13	2	142
E846718		60	6.4	14.3	<2	144.5
E846719		54	6.9	13.1	4	133.5
E846720		1	0.1	2.1	3	27

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E846721		2.04	0.006	0.36	9.64	135.5	520	5.34	3.5	0.06	<0.02	80	38.4	48	5.58	201
E846722		2.17	<0.005	0.16	9.8	56.8	960	5.09	1.32	0.04	<0.02	160	15.5	45	3.81	74.2
E846723		1.70	<0.005	0.13	8.77	80.2	960	4.33	1.43	0.02	<0.02	450	22.1	39	2.46	54.3
E846724		0.07	0.944	41.5	4.79	1430	530	0.57	39	6.86	0.56	25.8	47.1	277	1.18	4950
E846725		2.98	<0.005	0.17	8.68	49.4	800	4.02	1.99	0.02	<0.02	177.5	10.2	37	2	24.6
E846726		2.86	<0.005	0.15	8.49	83.1	640	3.8	2.08	0.08	<0.02	103.5	21.9	39	1.96	62.8
E846727		2.36	<0.005	0.11	7.84	56	1740	3.73	1.45	0.02	<0.02	99.3	14.3	35	2.04	37
E846728		2.73	<0.005	0.25	8.07	74.5	740	3.8	3.96	0.02	<0.02	93.7	11.5	36	2.2	50.3
E846729		2.25	<0.005	0.1	7.95	51.5	550	3.84	1.34	0.02	<0.02	97.6	7.4	33	1.95	58.4
E846730		2.18	<0.005	0.19	8.71	148	680	4.28	1.58	0.04	<0.02	116.5	16.2	41	3.07	91.1
E846731		2.35	<0.005	0.08	7.66	36.5	2050	3.9	0.98	0.13	<0.02	102.5	12.6	34	2.09	81.9
E846732		2.98	<0.005	0.14	7.01	39.8	860	3.7	1.4	1.9	0.02	82.4	46.3	37	1.89	513
E846733		1.96	<0.005	0.14	7.76	56.4	900	4.15	2.17	0.19	<0.02	92.7	42.7	40	1.75	143
E846734		1.74	<0.005	0.26	7.89	72.1	860	4.02	4.38	0.04	<0.02	102	18	41	3.02	74.3
E846735		2.69	0.014	0.53	6.29	100	420	3.23	3.72	4.21	0.02	59.4	92.5	29	2	916
E846736		1.79	0.014	0.6	6.88	133.5	440	3.66	5.06	1.36	<0.02	55.7	178.5	28	2.99	752
E846737		1.59	0.006	0.27	7.91	69.3	530	3.86	3.97	0.03	<0.02	88.9	12.5	36	3.8	64.4
E846738		2.83	0.006	0.1	8.36	55.6	550	4.38	1.84	0.11	<0.02	89	44.2	46	2.42	36.9
E846739		1.47	0.011	0.21	7.85	109	490	4.28	3.43	0.2	<0.02	85	99.1	45	2.32	261
E846740		1.55	0.012	0.2	7.51	69.8	470	4.15	3.78	0.2	<0.02	87.4	74.3	45	2.19	264
E846741		2.68	0.049	0.64	6.68	436	410	3.73	2.49	0.13	<0.02	117	234	45	2.1	864
E846742		2.89	0.012	0.17	6.81	434	380	3.74	1.97	0.08	<0.02	83.8	274	41	1.82	163
E846743		2.62	0.011	0.21	8.04	241	460	4.19	1.86	0.05	<0.02	116.5	60.2	47	2.19	134
E846744		2.35	0.070	0.6	8.52	342	1900	4.51	1.21	0.06	<0.02	178.5	141	48	2.99	190
E846745		0.74	0.082	0.88	7.55	260	540	4.12	2	0.25	<0.02	174.5	227	52	2.28	993
E846746		2.06	0.151	0.78	6.09	481	280	2.7	5.96	5.12	<0.02	>500	668	30	2.59	823
E846747		0.91	0.062	0.5	0.79	97.3	100	0.56	2.51	9.93	<0.02	>500	322	4	0.55	319
E846748		2.15	0.048	0.59	2.14	40	510	0.42	2.07	12.5	<0.02	377	106	10	0.34	12.4
E846749		1.95	0.045	0.53	3.32	46	490	1.06	1.49	11.65	<0.02	149	128	18	1.34	11.7
E846750		1.18	0.036	0.26	6.6	8.1	40	0.55	0.45	6.92	<0.02	59.1	66.5	26	0.39	17.3
E846751		1.41	0.199	1.86	4.99	23	80	0.92	1.35	9.42	<0.02	251	190	22	0.51	459
E846752		2.46	0.037	0.2	7.58	5.6	1000	2.69	0.41	5.47	<0.02	51.8	42.1	37	2.77	37.4
E846753		1.61	0.044	0.2	6.84	7.7	140	0.65	0.77	7.26	<0.02	76.4	49.9	30	0.67	6.4
E846754		1.64	0.603	1.08	3.35	88.6	180	0.67	2.94	7.18	<0.02	130	670	16	0.62	913
E846755		0.05	<0.005	0.02	0.07	<0.2	10	<0.05	0.02	0.06	<0.02	3.28	4.2	1	<0.05	5.8
E846756		1.38	0.103	0.73	5.64	13	80	0.49	0.7	7.72	<0.02	65.2	95.7	27	0.26	44.7
E846757		0.93	0.835	2.02	2.05	36	140	0.43	1.84	10.5	<0.02	114	469	9	0.26	4320
E846758		2.32	0.048	0.08	6.92	2.7	1310	1.77	0.18	5.59	<0.02	72.5	22.6	35	1.46	36.9
E846759		1.84	0.065	0.45	4.14	9	420	0.85	1.03	11	<0.02	298	63.5	19	0.55	39.3
E846760		1.14	0.014	0.08	7.57	3.1	2640	1.93	0.11	4.42	<0.02	71.7	33.3	41	2.02	3.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846721		1.66	28.1	0.13	5.6	0.078	3.84	49.2	37.1	0.71	54	4.48	0.11	11.6	15.6	370
E846722		0.8	29.5	0.16	5.9	0.067	4.07	95.3	30.6	0.65	34	1.8	0.13	13.6	6.2	310
E846723		0.82	26.3	0.31	5	0.055	3.43	273	26.4	0.53	30	1.7	0.11	11.7	8.9	450
E846724		4.46	14.45	0.18	0.9	0.219	1.59	20.8	15.6	0.86	1830	760	0.7	2	21.1	580
E846725		0.72	25.1	0.15	5	0.044	3.47	110.5	21	0.49	24	2.38	0.12	12.6	4.6	340
E846726		1.02	23.1	0.13	4.8	0.045	3.7	59.8	19.2	0.49	106	2.96	0.12	12.1	12	450
E846727		0.62	21.4	0.11	4.2	0.04	3.27	58	18.8	0.44	26	1.78	0.1	11.2	8.2	350
E846728		0.78	22.3	0.11	4.4	0.04	3.31	54.4	19.1	0.44	29	1.72	0.1	11.7	6	300
E846729		0.64	22.1	0.12	4.2	0.039	3.15	56.9	18.3	0.42	25	1.25	0.1	11.5	4.7	330
E846730		0.79	24.6	0.13	5	0.057	3.43	67.7	22.6	0.52	31	2.65	0.11	11.7	5.6	400
E846731		0.67	22.2	0.12	4.2	0.049	3.57	59.2	20	0.46	85	1.05	0.09	11.3	7.5	330
E846732		1.57	19.4	0.12	3.4	0.094	3.35	44.5	18.5	1.05	1580	2.58	0.09	7.6	42.7	340
E846733		0.95	22.9	0.13	4	0.048	3.75	51.3	17.9	0.46	140	1.72	0.1	11	19.7	410
E846734		1.23	23.7	0.14	4.1	0.054	3.59	60.2	22.2	0.47	77	1.93	0.1	10.9	11	370
E846735		3.25	16.65	0.12	3.2	0.073	2.92	33.7	19.9	2.45	2790	6.44	0.09	6.6	61.3	320
E846736		3.09	17.85	0.11	3.6	0.072	3.16	30.1	22.1	1.07	2360	15.1	0.09	5.6	83.4	370
E846737		1.22	22.2	0.11	4.3	0.044	3.01	54.1	19.8	0.46	58	10.25	0.1	9.3	5.9	380
E846738		1.05	24.3	0.09	5.1	0.045	4.32	45.6	18.1	0.48	36	3.76	0.11	15.8	17.3	650
E846739		1.53	23.6	0.1	4.7	0.067	3.81	49.6	19.1	0.48	58	10.8	0.1	12.5	36	970
E846740		1.46	22.9	0.1	4.5	0.059	3.64	48.3	18	0.44	45	9.92	0.09	11.7	35	980
E846741		1.24	21.2	0.11	4	0.094	3.4	64.9	19.6	0.4	28	42	0.08	9.8	31.2	880
E846742		1.34	21.5	0.1	3.7	0.051	3.23	44.7	16.4	0.39	38	16.8	0.08	10.1	53.4	340
E846743		1.1	25.7	0.1	4.6	0.062	3.98	70.3	19.3	0.43	23	34	0.09	12.7	14.9	330
E846744		1.37	31.8	0.13	5.3	0.126	4.27	113	26.9	0.49	20	44.3	0.09	15.9	16.7	620
E846745		2.12	26.9	0.14	4.3	0.129	3.93	104.5	22.7	0.42	22	185.5	0.1	12.4	34.9	1370
E846746		6.56	24.1	0.39	2.3	0.163	2.53	530	29.1	2.34	3870	126.5	0.46	22.8	102	3120
E846747		22.4	6.06	0.43	0.4	0.104	0.03	480	11.6	4.09	7240	48.7	0.06	27.9	62.3	3200
E846748		9.02	5.95	0.25	0.8	0.19	0.04	238	18.3	4.9	11050	67	1.01	11.3	31.8	1150
E846749		9.3	10.15	0.18	1.3	0.18	0.68	98.1	27.7	5.4	8270	24.7	0.94	11.9	36.3	2010
E846750		4.63	15.4	0.17	2.3	0.045	0.15	43	16.2	3.11	6820	16.5	4.58	6.7	15.3	940
E846751		5.84	13.1	0.26	1.9	0.113	0.08	174.5	36.4	4.81	7840	116.5	2.91	8.5	39.2	1030
E846752		5.07	21.7	0.14	2.6	0.161	2.92	32.7	67.8	2.9	5150	26.2	1.91	6.1	28.7	740
E846753		4.26	14.55	0.15	2.5	0.084	0.46	52.4	20.4	2.88	6450	30.9	4.33	7	15.9	1210
E846754		22.9	15.2	0.31	1.2	0.208	0.66	98.2	15.2	3.25	4930	302	1.44	5.3	88.4	1040
E846755		0.17	0.26	0.07	0.9	<0.005	0.01	2	1.9	0.03	44	1.98	0.02	0.2	0.9	20
E846756		4.58	11.95	0.1	2.1	0.041	0.26	45.8	8.5	3.11	5650	115	4.01	6.6	31	940
E846757		22.1	11.25	0.25	0.7	0.294	0.05	77.7	11.6	4.73	7100	349	1.11	6.8	71	1180
E846758		4.86	19.6	0.13	2.4	0.138	3.3	42.2	21.9	2.46	5160	32.6	2.33	6.1	27	720
E846759		9.77	13.35	0.31	1.5	0.107	0.83	201	19.4	4.12	9650	74.3	1.94	9.5	35.1	1470
E846760		6.47	21.7	0.16	3	0.108	2.55	41.5	89.3	2.84	4860	12.85	2.04	6.5	47.4	790

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846721		3.9	214	0.005	0.19	2.94	17.1	2	3.6	11.4	0.79	<0.05	18.4	0.281	1.85	6.6
E846722		2.5	197	0.005	0.1	1.85	18.2	1	3.7	12.9	0.92	<0.05	17.2	0.329	1.5	4.2
E846723		2.8	175.5	0.003	0.13	1.46	15	2	3.1	13.2	0.8	<0.05	20	0.28	1.3	3.8
E846724		76.3	30.9	0.07	0.78	98.5	6.8	5	3.8	304	0.13	4.11	1.7	0.13	0.26	2.7
E846725		2.8	176	0.004	0.15	1.32	14.7	2	3.1	10.8	0.85	0.05	16.7	0.286	1.22	3.5
E846726		2.8	161.5	0.003	0.12	1.81	13.9	2	2.9	8.2	0.85	0.05	15.1	0.29	1.08	4.1
E846727		3.8	159	0.002	0.1	1.21	13.5	1	2.7	22.9	0.79	<0.05	14.8	0.267	0.97	3.6
E846728		4.8	156	0.003	0.11	1.64	13.9	2	2.7	11.6	0.82	0.05	15.3	0.27	1.1	4
E846729		2.7	157.5	0.003	0.07	1.21	14.4	1	2.7	7.9	0.82	<0.05	15.8	0.268	1.04	4.6
E846730		3.5	178	0.005	0.12	1.67	16.3	2	3	10.2	0.8	<0.05	18.1	0.285	1.15	6.9
E846731		2.9	155.5	0.005	0.19	1.26	13.7	1	2.8	18.8	0.79	<0.05	14.5	0.267	1	5.2
E846732		3.8	132.5	0.002	0.83	1.13	13.3	2	2.5	75.7	0.53	<0.05	13.2	0.202	0.89	5.1
E846733		3.2	156.5	0.004	0.68	1.09	13.8	2	3	57.8	0.77	0.06	14.4	0.258	1.01	5.9
E846734		3.4	164	0.003	0.33	1.61	12.9	2	3.2	11.9	0.75	0.08	15.5	0.255	1.05	4.3
E846735		4	113.5	0.003	1.63	1.48	12.2	2	2.3	21.6	0.47	0.06	11.5	0.166	0.75	6.8
E846736		5.4	131	0.008	1.85	1.94	12.9	2	2.7	13.5	0.37	0.07	11.1	0.165	0.85	9
E846737		2.9	173	0.01	0.28	1.46	14	2	3.6	11.7	0.63	0.08	13.5	0.234	0.97	5.2
E846738		2.6	211	0.004	0.72	1.07	11.8	1	4.8	8.5	1.04	<0.05	18.3	0.312	1.06	11
E846739		3.1	198.5	0.006	1.07	1.31	8.7	1	5	7.9	0.88	0.07	17.7	0.254	0.98	10.6
E846740		3.1	190	0.007	1.21	1.31	8.5	1	4.9	7.3	0.78	0.08	15.8	0.243	0.96	10.7
E846741		3.4	177	0.005	0.84	1.47	8.8	2	5.7	8.4	0.63	0.08	15	0.225	0.89	9.5
E846742		3.2	169	0.004	0.97	1.19	10	2	5.5	5.3	0.63	0.07	13.3	0.226	0.8	6.9
E846743		2.4	197	0.009	0.35	1.3	11.9	2	6.4	6.9	0.81	0.06	14.4	0.284	0.97	10.5
E846744		3.4	227	0.004	0.68	1.51	13.4	3	12.6	13.1	0.94	0.17	17.8	0.298	1.15	11.7
E846745		4.1	198.5	0.016	1.83	1.44	14	3	9.8	6.9	0.69	0.34	16	0.254	1	39.5
E846746		6.6	137	0.04	4.28	1.87	11.4	9	13.5	32.7	0.52	1.53	15.9	0.165	0.78	26.5
E846747		5.6	1.4	0.022	2	1.16	2.8	9	8.5	41.3	0.24	1.47	7.1	0.033	0.04	21
E846748		4	2	0.014	2.1	1.02	3.1	7	6	61.7	0.26	1.43	4.7	0.051	0.06	9.6
E846749		3.5	53.5	0.011	1.83	1.63	7.9	4	11	49.3	0.34	0.97	8.6	0.081	0.36	10
E846750		2.5	8.3	0.003	0.77	2.36	10.2	2	7.4	34.8	0.59	0.39	12.2	0.146	0.05	8.4
E846751		4	3.8	0.013	1.76	2.09	8.4	5	6.5	37.4	0.41	1.65	10.5	0.107	0.06	11.1
E846752		2	134	<0.002	0.2	2.42	11.8	1	8.9	39.3	0.44	0.17	14.2	0.156	0.52	7
E846753		2.9	27.8	0.011	0.42	1.69	10.6	2	8.9	46.6	0.64	0.32	16.7	0.154	0.2	14.2
E846754		5	30.1	0.124	3.45	1.27	5.8	9	10.2	36.8	0.15	3.16	7	0.056	0.17	16.5
E846755		1.1	0.7	<0.002	0.02	<0.05	0.2	1	<0.2	2.3	<0.05	0.05	0.3	0.006	<0.02	0.4
E846756		3.9	10.5	0.01	1.08	2.11	8.8	4	6.1	49.6	0.47	0.86	11.1	0.121	0.07	13.2
E846757		4.8	2.1	0.075	5.04	1.19	4.5	9	3.5	51.5	0.14	2.9	4.3	0.037	0.13	14.3
E846758		1.7	131	0.005	0.24	1.74	11.2	2	8.8	50.3	0.48	0.18	14.3	0.154	0.58	6.3
E846759		2.8	34.3	0.014	0.91	1.2	7.7	6	3	55.8	0.45	0.97	11.9	0.068	0.16	9.4
E846760		1.6	90.2	<0.002	0.25	2.21	12.8	2	7.5	47	0.49	0.06	14.8	0.173	0.43	7.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E846721		67	7.7	18.3	4	170.5
E846722		69	6.9	18.5	<2	179.5
E846723		60	4.7	21.1	2	154.5
E846724		63	17	10.6	119	25.9
E846725		57	4.1	17.3	<2	154.5
E846726		58	4	17.3	2	150.5
E846727		54	4.3	15.8	2	133.5
E846728		54	5.1	16.4	<2	141.5
E846729		55	4.1	16.6	<2	138
E846730		61	5.5	18.9	2	160.5
E846731		53	4.7	15.3	<2	131
E846732		47	3.8	16.7	5	109.5
E846733		59	4.4	15.8	2	128
E846734		57	4.9	13.9	2	131.5
E846735		49	3.6	17.9	7	102.5
E846736		48	3.9	18.8	9	112
E846737		54	4.9	14	<2	138
E846738		62	7	17.2	<2	141.5
E846739		69	9.2	16	<2	128.5
E846740		67	8.8	16.2	<2	127.5
E846741		74	12.4	15.3	<2	114
E846742		85	11.4	13.4	2	114.5
E846743		90	16.5	15.4	<2	138
E846744		147	23.2	15.2	<2	151.5
E846745		120	27.3	19.2	<2	134.5
E846746		157	18.8	37.4	9	68.3
E846747		44	10.3	24.3	13	10.4
E846748		79	16.7	29	15	21.7
E846749		457	17.9	30.2	14	37.6
E846750		67	34.7	14.6	5	62.4
E846751		83	31.8	23.1	12	54.4
E846752		82	16.7	16	18	75.7
E846753		97	32.7	15.5	6	69.9
E846754		105	339	18.6	14	34.4
E846755		1	2	2.1	<2	29.1
E846756		58	40.4	15.1	6	60.3
E846757		97	490	25.9	9	22.5
E846758		77	39.8	19.9	11	70.7
E846759		93	12.5	30.4	18	45.6
E846760		83	16.1	17	35	84.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E846761		1.10	0.090	0.78	3.26	7.7	300	0.82	0.63	9.49	<0.02	197	75.3	14	0.52	3
E846762		2.97	0.006	0.09	6.59	0.4	610	1.12	0.11	4.93	<0.02	76.6	22.6	35	1.69	1.5
E846763		2.65	0.016	0.14	5.72	12.9	450	0.88	0.31	5.34	<0.02	68.8	47	30	1.05	3
E846764		1.68	0.066	0.78	5.47	8.2	100	1.01	0.73	9.2	<0.02	173.5	52.6	25	1.22	4.5
E846765		2.46	0.033	0.57	5.08	<5	140	1.25	0.2	10.15	<0.02	131	13.5	22	1.94	2.3
E846766		2.36	<0.005	0.17	6.15	2.8	210	0.78	0.13	6.82	<0.02	79.8	17.4	29	1.16	3.6
E846767		2.51	0.014	0.21	6.43	6.7	150	1.08	0.61	5.46	<0.02	58.1	60.2	32	1.41	3.6
E846768		2.16	0.010	0.18	5.25	3.5	420	0.75	0.24	7.71	<0.02	95.5	28	28	1.14	2.1
E846769		2.84	0.010	0.16	6.22	4.7	170	0.78	0.35	6.46	<0.02	271	38	28	1.52	3.6
E846770		2.85	0.005	0.11	5.36	6.1	430	0.58	0.59	7.68	<0.02	26.9	29.6	26	0.73	16.3
E846771		2.11	0.008	0.15	6.72	7.7	210	0.89	0.45	5.56	<0.02	134	76.1	35	1.12	3.8
E846772		3.08	0.009	0.16	6.57	10.6	2380	0.99	0.39	5.59	0.02	108.5	110	37	1.24	7.5
E846773		1.99	<0.005	0.1	6.36	0.6	2520	0.95	0.3	7.26	<0.02	60.4	14.9	28	1	9.6
E846774		2.71	<0.005	0.06	7.21	1.5	360	0.56	0.04	5.53	<0.02	42.9	8.1	29	0.71	7.1
E846775		1.40	<0.005	0.09	6.85	2.3	190	1.19	0.11	4.36	<0.02	106	12.2	30	1.71	2.2
E846776		0.85	<0.005	0.08	6.75	12.7	380	1.98	0.36	4.67	<0.02	70.3	29.3	36	3.92	4.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846761		16.8	14.55	0.35	1.1	0.098	0.41	124.5	39.2	4.3	7600	32.3	1.16	15.3	49.5	1500
E846762		8.36	18.8	0.16	2.4	0.067	1.08	47.1	68.6	2.9	6190	6.69	1.94	4.3	25.9	710
E846763		6.09	14.1	0.16	2.2	0.055	0.5	41.3	44.8	2.54	6290	29.5	2.72	5.2	33.2	650
E846764		6.1	15.85	0.21	2	0.107	0.78	105.5	38.4	4.23	9030	47.1	2.35	6.3	31.3	1040
E846765		4.5	14.4	0.16	1.9	0.141	1.28	78.2	18.2	4.32	8210	17.9	1.99	6.6	13.7	1060
E846766		3.96	14.95	0.11	2.5	0.092	0.64	47.2	22.4	3.16	6570	5.17	3.38	5.7	15.3	740
E846767		5.63	16.8	0.13	2.6	0.096	0.86	34.7	30.7	2.75	5250	11.45	3.21	5.4	31.6	730
E846768		4.71	12.7	0.13	2.1	0.078	0.51	57.8	32.2	3.46	6480	6.76	2.67	6.6	15.9	1320
E846769		4.02	15.15	0.25	2.7	0.081	0.63	167.5	30.8	2.95	5860	6.23	3.26	7.7	20.2	910
E846770		4.24	12.9	0.08	2.2	0.055	0.35	15	20.9	3.74	6350	3.07	3.13	4.3	25.4	630
E846771		5.43	14.65	0.21	2.6	0.063	0.61	79.5	24	2.78	5670	5.29	3.82	5.8	21.7	700
E846772		5.69	17.1	0.16	2.5	0.081	0.88	63.5	25.2	2.77	5610	5.87	3.38	4.4	22.2	730
E846773		4.5	18.35	0.08	2.2	0.078	0.68	33.3	22.2	3.23	6350	5.31	3.62	4.7	25.8	940
E846774		2.26	17.25	0.05	2.4	0.047	0.4	23.8	10.5	2.24	4300	2.02	5.01	5.5	11.7	950
E846775		2.49	19.45	0.1	2.2	0.07	0.92	59.4	26	1.97	3820	4.72	4.03	5.8	15.6	800
E846776		6.17	23.6	0.11	2.5	0.121	2.39	39.8	28.5	2.16	4260	15.9	1.89	4.6	28	650

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846761		4.3	15.8	0.024	1.37	1.16	5.6	6	2.5	40.1	0.54	0.75	9.3	0.065	0.09	16.4
E846762		1.5	55.3	0.022	0.52	1.66	11.1	2	4.8	30.3	0.38	0.08	14.1	0.125	0.3	12
E846763		1.8	22.6	0.086	1.04	1.51	8.2	2	3.6	33.7	0.4	0.17	12.1	0.115	0.17	11.5
E846764		3.3	44.3	0.003	0.69	1.28	8.6	4	8.5	39.9	0.39	0.65	12.3	0.103	0.24	8.9
E846765		2.1	72.1	0.002	0.18	0.96	8.2	3	9.3	40.2	0.38	0.52	11.1	0.095	0.27	5.2
E846766		1.4	35.2	<0.002	0.24	1.31	9.2	1	5.2	33.2	0.45	0.11	13.3	0.126	0.15	4.3
E846767		2.4	50.6	<0.002	1.07	1.8	10.7	3	9.3	26	0.45	0.33	13.4	0.128	0.23	5.1
E846768		2.1	29.5	<0.002	0.22	1.36	9.9	2	5	39	0.3	0.38	10.9	0.085	0.14	4.8
E846769		2.4	35.8	<0.002	0.32	1.6	10.8	2	5.6	33.7	0.41	0.22	13.6	0.11	0.18	6.6
E846770		2.3	17.4	<0.002	0.47	1.13	9	1	2	39.2	0.33	0.1	11.5	0.094	0.08	4.3
E846771		2.4	32.2	<0.002	0.74	1.51	9.1	2	2.6	25.5	0.47	0.17	14.3	0.148	0.12	4.9
E846772		2.2	52.2	<0.002	1.06	1.46	9.9	2	3.4	48.5	0.35	0.21	13.6	0.118	0.18	5.2
E846773		2.4	44.8	0.003	0.2	1.85	10.2	1	3.8	62.5	0.28	<0.05	13.3	0.096	0.16	3.7
E846774		2.1	19.6	0.002	0.02	1.36	9.5	1	3.8	36.8	0.39	0.05	15.4	0.105	0.11	8
E846775		1.3	46.4	<0.002	0.05	1.51	10.2	1	5	29.6	0.39	0.1	12.9	0.118	0.21	3.2
E846776		1.4	142	<0.002	0.38	1.77	12.3	1	6.1	23.3	0.38	0.09	14.9	0.249	0.5	4.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 26-OCT-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07097560

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E846761		116	11	38.6	14	33
E846762		70	14.4	15.9	20	74.2
E846763		56	10.3	15.5	9	68.4
E846764		70	8.9	22.5	11	62.3
E846765		73	8.1	22.5	5	56.7
E846766		64	11.3	15.9	11	73.2
E846767		77	13.4	15.2	12	75.1
E846768		54	7.2	17.2	13	62
E846769		57	9.1	21.5	15	76.7
E846770		30	4.4	13.4	14	64.9
E846771		53	6.6	16.2	15	76.5
E846772		62	5.8	16.6	18	72.4
E846773		54	5.5	14.8	16	71.9
E846774		30	7.8	13.4	7	74
E846775		58	6.5	14.7	10	72.8
E846776		81	7.5	16.6	6	82

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

CERTIFICATE TR07097561

Project: Werneckes

P.O. No.: FRG07-01

This report is for 136 Drill Core samples submitted to our lab in Terrace, BC, Canada on 31-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E846777		1.05	<0.005		0.08	6.53	9.1	370	1.72	0.27	5.35	<0.02	65.2	23.9	32	3.44
E846778		1.69	<0.005		0.15	6.44	2.7	270	1.34	1.04	6.33	0.06	94.1	9.4	26	2.12
E846779		1.89	0.006		0.15	6.83	8.5	60	1.12	0.83	3.97	0.03	162	71.1	25	1.22
E846780		1.05	0.005		0.05	8.38	5.2	530	5.17	0.13	0.16	<0.02	106.5	12.9	46	4.86
E846781		1.80	0.019		0.18	6.95	24.7	260	2.64	0.99	1.86	0.02	118	49.7	23	1.64
E846782		1.34	0.010		0.07	7.03	32.6	460	4.87	0.82	0.05	<0.02	89.6	22.8	38	3.41
E846783		1.74	0.027		0.73	2.53	103.5	120	0.84	7.47	1.53	<0.02	38.4	181.5	23	1.02
E846784		1.35	0.015		0.35	0.45	54.5	30	0.2	4.78	2.7	<0.02	7.16	66.8	14	0.29
E846785		1.88	<0.005		0.07	5.9	7.3	80	1.32	0.8	7.4	<0.02	132.5	10.4	25	1.09
E846786		0.06	1.010	1.03	37.6	4.62	1215	520	0.65	32.5	6.89	0.87	24.6	47.3	266	1.19
E846787		2.24	0.007		0.19	9.14	14.4	220	2.53	1.22	1.87	<0.02	178	72.2	56	2.08
E846788		1.54	0.007		0.09	7.43	10.2	130	1.35	0.44	5.24	<0.02	292	40.7	30	1.23
E846789		2.33	<0.005		0.04	11.1	2.6	870	3.62	0.04	0.39	<0.02	9.95	3.9	70	4.52
E846790		2.00	<0.005		0.03	10.8	2.4	670	3.57	0.04	0.19	<0.02	98.3	3.6	68	5.53
E846791		1.51	<0.005		0.05	11.9	1.8	840	3.81	0.04	0.17	<0.02	143	3.2	83	5.33
E846792		1.94	<0.005		0.05	10.6	2.1	700	3.34	0.04	0.16	<0.02	194	4.5	74	6.07
E846793		1.91	<0.005		0.07	10.4	1.9	750	3.09	0.04	0.21	<0.02	80.2	4.2	65	3.63
E846794		2.39	<0.005		0.09	9.48	2.7	480	2.58	0.07	0.23	<0.02	300	6.7	64	2.36
E846795		1.54	<0.005		0.09	9.35	2.3	410	2.57	0.05	0.18	<0.02	77.7	5.1	61	2.23
E846796		1.14	0.006		0.29	7.79	11.3	810	0.55	0.19	0.21	<0.02	7.45	8.8	42	0.25
E846797		1.72	<0.005		0.04	10.5	2.3	490	3.12	0.05	0.15	<0.02	115	4.3	62	2.87
E846798		1.98	<0.005		0.03	9.8	5.6	590	3.25	0.07	0.15	<0.02	63.8	6.7	56	3.35
E846799		2.11	<0.005		0.02	10.7	2.8	770	3.43	0.05	0.19	<0.02	22	4.8	62	4.2
E846800		3.01	<0.005		0.05	10.45	1.8	450	3.27	0.05	0.23	<0.02	64	4.8	59	2.83
E846801		1.74	<0.005		0.08	11	2.5	450	3.29	0.05	0.28	<0.02	250	6.7	69	3.33
E846802		1.85	<0.005		0.02	9.6	2.5	590	3.44	0.05	0.12	<0.02	55.2	4.4	62	3.8
E846803		1.45	<0.005		0.04	10.7	2.8	430	3.76	0.08	0.18	<0.02	195	7.9	66	3.58
E846804		1.70	<0.005		0.03	9.88	1.9	480	4.02	0.07	0.28	<0.02	>500	4.7	59	1.92
E846805		1.58	<0.005		0.03	10.75	2.1	560	4.37	0.04	0.22	<0.02	82.2	2.9	60	2.85
E846806		2.29	<0.005		0.03	10.1	3.4	510	3.92	0.06	0.19	<0.02	96.4	4.2	58	3.21
E846807		2.08	<0.005		0.03	10.3	2.7	550	4.28	0.08	0.29	<0.02	86.7	4.1	67	2.5
E846808		1.53	<0.005		0.03	10.8	2.2	560	4.18	0.05	0.15	<0.02	172.5	2.3	60	3.47
E846809		2.73	<0.005		0.02	8.31	2	470	3.42	0.03	0.1	<0.02	114.5	3.2	49	2.3
E846810		2.22	<0.005		0.03	7.65	1.7	380	2.48	0.04	0.18	<0.02	40.8	2.7	53	1.69
E846811		1.70	0.007		0.02	8.27	1.8	2800	3.22	0.05	0.11	<0.02	56.6	3	45	3.37
E846812		1.84	<0.005		0.02	8.73	1.5	560	3.61	0.02	0.09	<0.02	8.08	1.7	58	2.84
E846813		2.19	<0.005		0.03	8.92	5.7	370	3.66	0.05	0.17	<0.02	34.1	5.6	53	2.61
E846814		2.05	<0.005		0.03	8.8	2.1	370	3.68	0.03	0.11	<0.02	103	2	49	1.93
E846815		1.43	<0.005		0.04	8.33	1.9	370	3.35	0.03	0.14	<0.02	50.1	2.5	41	2.1
E846816		1.60	<0.005		0.03	9.23	5	1460	3.77	0.02	0.87	<0.02	17.8	2.8	48	2.28

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846777		7.2	6.36	20.2	0.09	2.5	0.117	2.09	35.8	20.3	2.39	5040	11.05	2.16	4.6	23.2
E846778		3.6	3.45	18.15	0.11	2.4	0.124	1.77	53.7	20.1	2.81	6850	122	2.52	5	19.1
E846779		5.2	3.57	21.1	0.12	2.4	0.065	0.4	98.1	41.5	2.14	4340	22.6	4	8.3	25
E846780		9	0.96	36.4	0.12	4.3	0.144	4.45	48.7	41.6	0.67	72	3.53	0.35	11.1	15
E846781		121	2.14	18.3	0.16	4	0.097	1.58	70.1	33.1	1.22	1825	13.85	2.87	7.5	40.9
E846782		24.8	1.1	32.7	0.09	3.6	0.096	3.58	51.3	32	0.51	45	6.8	0.08	10.4	9.6
E846783		39.8	6.66	8.29	0.08	1.2	0.044	0.91	21.1	18.3	0.72	1305	7.3	0.55	1.9	61.4
E846784		16.4	3.2	1.42	<0.05	0.3	0.027	0.18	3.3	6.1	1.22	1420	8.34	0.02	0.6	26
E846785		9.6	2.08	14.4	0.1	1.9	0.059	0.92	73.9	13.5	3.78	3690	2.68	3.23	3.2	12.3
E846786		4790	4.47	14.4	0.28	0.8	0.19	1.54	18.5	14.4	0.87	1810	733	0.68	1.7	21.9
E846787		5	1.99	27.1	0.15	3.1	0.065	2	98.4	21.8	0.93	1480	23.7	4.34	5.3	30.9
E846788		2.9	2.9	19.95	0.22	2.3	0.088	1.33	157.5	17.3	2.4	5330	19.8	3.64	4.2	21.6
E846789		1.8	2.63	37.1	0.06	3.9	0.08	5.7	5	22.8	0.51	116	1.38	0.69	6.7	31.4
E846790		1.3	2.76	36	0.12	3.7	0.078	5.48	50.2	29.9	0.53	83	0.99	0.64	6.6	29.7
E846791		1.5	3.36	38.7	0.17	3.8	0.088	6.3	72.3	14.9	0.43	31	0.38	0.84	6.7	41.1
E846792		1.5	3.62	34.9	0.22	3.4	0.076	5.5	100.5	24.7	0.47	60	0.47	0.71	7.2	44.5
E846793		1.3	3.24	32.9	0.13	3.6	0.084	4.77	44.9	16	0.38	51	0.27	1.23	6.6	35.4
E846794		1.4	4.54	28.3	0.28	2.8	0.061	3.35	158	10.8	0.34	44	0.29	2.4	5.2	43.2
E846795		1.5	4	27.3	0.13	3.5	0.062	3.14	41.8	10.8	0.37	40	0.32	2.72	6.2	49.8
E846796		1.9	6.21	8.67	0.08	1.6	<0.005	0.1	4.4	2.2	0.07	39	1.2	5.81	2.5	18
E846797		1.9	2.77	32.8	0.14	3.7	0.065	4.03	61.4	13	0.37	27	1.14	2.29	6.1	38.6
E846798		1.6	2.42	32.2	0.1	3.6	0.094	3.98	32.1	16	0.41	43	0.26	1.75	5.7	40.6
E846799		5	1.95	35.3	0.09	3.5	0.091	4.45	11.6	24.6	0.47	65	0.21	2.02	6.5	32.2
E846800		1.5	1.9	33.2	0.11	3.3	0.062	3.36	31.7	17.1	0.35	42	0.41	3.48	5.1	30.2
E846801		1.5	3.27	33.4	0.23	3.3	0.057	3.59	134.5	20.3	0.45	60	0.32	3.23	5.4	46.4
E846802		1.3	1.97	31.9	0.12	3.2	0.082	4.29	27.4	24.1	0.43	50	0.39	1.51	6.2	26.8
E846803		0.9	1.5	32.3	0.17	3.6	0.061	3.2	96.9	24.2	0.48	47	8.72	3.8	5.9	33.6
E846804		1.4	1.09	32.1	0.61	3.3	0.046	2.24	363	18.7	0.4	44	1.07	4.94	4.8	36.4
E846805		0.9	1.59	34.7	0.13	4	0.067	3.59	39.3	19.8	0.41	30	0.95	2.96	7.7	31.1
E846806		1.2	1.51	32.1	0.15	3.4	0.067	3.38	48.8	21.4	0.44	42	1.28	2.97	6.3	24.8
E846807		1.8	1.06	32.8	0.12	4	0.066	3.02	43.5	18.8	0.38	55	0.68	4.04	6.6	21.1
E846808		1.5	1.32	34.1	0.22	5	0.078	4.09	86.8	20.1	0.43	41	0.73	2.27	7.9	19
E846809		1.2	0.89	24.4	0.16	2.5	0.042	2.81	60.3	16.9	0.32	47	0.73	2.04	4.3	12.7
E846810		1.7	0.76	20.4	0.08	2.3	0.045	2.27	20.9	16.9	0.3	57	0.65	2.75	3.4	8.1
E846811		1.5	0.81	23.7	0.09	2.9	0.042	2.76	27.6	18.3	0.32	33	1.07	2.21	5.8	9.6
E846812		1.5	0.94	26.1	0.06	2.3	0.058	4.13	4	13.2	0.33	25	0.62	0.32	5.3	10.6
E846813		1.7	1.11	27.8	0.09	2.5	0.071	3.7	18.1	22.7	0.47	67	1.07	1.37	6.1	12
E846814		1.7	0.77	26.6	0.12	2.4	0.043	3.53	52.9	15.5	0.28	41	0.34	1.23	6.3	9.4
E846815		2.3	0.74	24.9	0.09	2.6	0.043	3.5	23.9	13.2	0.25	50	0.77	0.77	5.7	8.5
E846816		2	0.98	26.8	0.09	3.1	0.061	3.81	8.8	24	0.45	397	0.78	1.26	6.3	9.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846777		630	1.6	123	<0.002	0.31	1.46	10.2	1	4.8	25.4	0.43	0.06	14	0.239	0.4
E846778		620	1.2	100	0.06	0.04	1.25	12.2	7	2.3	26.9	0.44	0.86	14.2	0.155	0.34
E846779		760	2.1	19.6	0.002	0.51	1.57	6.4	2	3.1	29.1	0.56	0.21	8.9	0.181	0.15
E846780		560	1.2	212	<0.002	0.04	1.65	15.6	1	4.9	6.6	0.77	<0.05	16.2	0.288	1.68
E846781		540	4.8	75.9	0.006	0.28	2.9	7.7	1	2.5	21.1	0.54	0.09	14	0.167	0.72
E846782		290	1.7	171.5	0.002	0.37	1.49	13.3	1	3	6.6	0.71	0.1	11.6	0.246	1.9
E846783		1200	10.1	47.7	0.003	6.08	1.52	3	2	1	12.1	0.13	0.9	4.3	0.057	1.93
E846784		1350	10.2	10.4	0.004	2.32	0.87	0.8	2	0.3	12.8	<0.05	0.3	1	0.01	2.35
E846785		700	2.1	49.7	<0.002	0.32	0.98	7	1	1.5	46.3	0.22	<0.05	9.4	0.08	0.39
E846786		590	72.1	37.5	0.074	0.75	94.3	5.4	<1	3.4	299	0.1	3.61	1.5	0.124	0.28
E846787		1900	2.5	105	<0.002	0.68	1.52	14.1	2	3.6	39.6	0.39	0.34	16.3	0.144	0.61
E846788		540	2.6	76.8	0.002	0.32	1.05	14.2	2	2.3	33.6	0.34	0.16	13	0.127	0.19
E846789		980	1.6	305	0.002	0.03	1.45	19.4	1	4.9	13.4	0.5	<0.05	19.2	0.283	0.6
E846790		520	1.7	294	<0.002	0.02	1.6	18.8	1	4.4	11	0.45	<0.05	19	0.27	0.77
E846791		670	1.8	319	<0.002	0.02	1.27	20.3	1	4.8	15.6	0.41	<0.05	18.7	0.338	0.68
E846792		620	2.1	285	<0.002	0.02	1.66	17.2	1	3.9	13.6	0.5	<0.05	19.8	0.291	0.64
E846793		490	1.6	259	<0.002	0.03	1.12	18	1	4.1	19.2	0.43	0.07	17.5	0.269	0.61
E846794		540	2	176	<0.002	0.04	1.03	16.6	1	4.3	34.5	0.39	0.08	20	0.269	0.5
E846795		440	1.5	165	<0.002	0.02	1.13	16.6	1	4.1	36.1	0.42	0.08	16.8	0.243	0.48
E846796		600	2.3	3.3	<0.002	0.11	1.42	2.2	1	4.4	71	0.25	0.25	10.5	0.169	0.03
E846797		460	1.6	217	<0.002	0.02	1.22	19.1	1	4.3	23.7	0.45	0.06	18.8	0.247	0.52
E846798		460	1.9	219	<0.002	0.1	1.31	19.1	1	4.6	20.4	0.38	0.05	17.2	0.223	0.68
E846799		480	1.7	245	<0.002	0.03	1.38	21.2	1	5.5	23.9	0.45	<0.05	15.9	0.242	0.7
E846800		490	1.5	183	<0.002	0.02	1.13	18.7	1	4.8	44.7	0.34	0.08	17.1	0.197	0.53
E846801		720	1.5	191	<0.002	0.03	1.38	20.1	1	5.1	40.9	0.37	0.08	16.4	0.217	0.55
E846802		400	1.5	228	<0.002	0.03	1.46	17.2	1	4.8	16.3	0.45	<0.05	16.4	0.231	0.7
E846803		380	1.8	180.5	0.005	0.05	1.36	17.6	1	5.3	35.5	0.43	<0.05	20	0.21	0.56
E846804		460	1.7	121.5	0.002	0.02	1.08	19.1	2	4.6	59.2	0.39	<0.05	23.8	0.174	0.39
E846805		570	1.6	209	<0.002	0.02	1.62	20.8	1	5.9	30.6	0.59	<0.05	17.5	0.251	0.58
E846806		420	1.5	187	<0.002	0.04	1.56	18.2	1	5.6	30.8	0.45	<0.05	16.8	0.227	0.52
E846807		550	1.8	163	<0.002	0.03	1.34	17.5	1	4.3	42.8	0.51	<0.05	17.3	0.225	0.58
E846808		390	2.5	216	0.002	0.02	1.33	15.4	2	4.4	21.5	0.6	<0.05	20.4	0.246	0.74
E846809		220	2.3	146	<0.002	0.02	1.62	10.4	2	2.9	14.6	0.31	<0.05	13.7	0.17	0.38
E846810		460	1.9	109.5	<0.002	0.02	1.31	11.7	1	2.3	17.2	0.26	<0.05	12.5	0.122	0.45
E846811		400	1.7	137	0.003	0.08	1.55	8.1	1	2.8	28.2	0.42	<0.05	14.8	0.191	0.39
E846812		380	1.5	198.5	<0.002	0.01	1.41	8.5	1	2.9	6.6	0.43	<0.05	12.4	0.226	0.46
E846813		370	1.7	192	<0.002	0.08	1.57	11.1	2	3.6	8.7	0.48	<0.05	14.1	0.225	0.6
E846814		310	1.6	170.5	<0.002	0.01	1.38	8.4	2	2.7	8.3	0.49	<0.05	15.8	0.233	0.37
E846815		270	1.4	173	<0.002	0.02	1.45	8	1	2.3	7.5	0.41	<0.05	14.8	0.201	0.35
E846816		410	1.5	186.5	0.002	0.04	1.32	9.8	1	2.8	20.1	0.47	<0.05	15.5	0.216	0.46

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
E846777		4.2	74	6.5	17.2	5	80.3
E846778		4.3	74	4.6	17.2	5	78.9
E846779		7	61	18.3	15	14	79
E846780		6.5	97	13	16	3	142.5
E846781		43.8	44	6.9	22.6	8	132.5
E846782		6	66	7.9	12.6	<2	128
E846783		8.2	31	2.7	8.3	7	40.8
E846784		4	6	0.9	5.7	5	12
E846785		2.6	46	2.1	12.6	4	63.2
E846786		2.6	66	16.4	9.7	114	21.5
E846787		3.4	100	4.2	18.3	3	111.5
E846788		7	53	4	17.2	5	79.2
E846789		2.5	113	3.7	15.2	2	127
E846790		2.4	104	3.2	14.6	3	120
E846791		2.8	124	3.4	16.2	2	131.5
E846792		2.7	106	3.4	15.2	5	117
E846793		2.5	98	3.3	13.2	2	118
E846794		2.1	94	3.1	15.3	3	98.2
E846795		2.5	93	3.2	13	4	120.5
E846796		2.2	82	4	9.9	4	53.5
E846797		2.7	94	3.4	14.6	2	126.5
E846798		2.9	90	4.3	14	5	119
E846799		2.7	107	4.8	13.4	6	117.5
E846800		2.4	99	3.2	12.9	3	116.5
E846801		2.4	109	4.6	16.8	3	111.5
E846802		2.4	96	4.6	12.6	5	108
E846803		3.2	104	4	13.8	3	116
E846804		2	101	3.1	22.4	26	105.5
E846805		2.6	105	4.9	14.2	2	122
E846806		2.6	100	5.1	13	5	112
E846807		3	101	3.9	14.1	5	127.5
E846808		3.9	93	4	19.9	5	154.5
E846809		1.7	70	2.4	10.7	5	74.9
E846810		1.5	68	1.8	10.9	5	66.9
E846811		2.3	65	2.7	11	4	84.6
E846812		1.7	71	2.4	11	3	67.9
E846813		1.8	85	3.1	11.5	3	76.7
E846814		1.6	64	2.3	11.3	<2	74.1
E846815		1.8	60	1.7	12.5	<2	77.5
E846816		2	73	2.2	12.4	2	88.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
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CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E846817		1.37	<0.005		0.02	9.02	1.6	360	3.82	0.02	0.09	<0.02	55.9	3.4	46	1.87
E846818		1.51	<0.005		0.01	7.78	1.5	330	2.68	0.04	0.13	<0.02	34	2.1	52	2.14
E846819		2.03	<0.005		0.01	8.92	1.4	420	3.12	0.03	0.18	<0.02	65.1	2.1	80	3.18
E846820		1.82	0.006		0.08	7.1	31.7	170	1.82	0.55	2.49	<0.02	182.5	28.3	49	4.14
E846821		2.27	<0.005		<0.01	8.57	1.3	450	2.68	0.02	0.31	<0.02	13.4	2.6	61	2.35
E846822		1.81	<0.005		<0.01	8.22	0.8	410	2.55	0.02	0.42	<0.02	20.3	1.6	44	2.73
E846823		3.12	<0.005		0.07	6.46	1.1	410	1.7	0.03	0.35	<0.02	59.3	4.4	38	1.13
E846824		0.77	<0.005		0.05	6.7	18.9	170	1.1	0.32	3.5	<0.02	92.5	34.6	34	1.91
E846825		0.79	<0.005		0.08	6.58	21.6	240	1.22	0.47	3.11	<0.02	94	38.5	33	1.81
E846826		2.43	0.005		0.06	6.13	8.9	120	1.32	0.16	4.18	<0.02	59.9	21	30	2.39
E846827		2.77	0.006		0.09	5.6	10.1	190	0.74	0.43	6.79	<0.02	140.5	23.6	25	0.6
E846828		2.75	0.010		0.06	3.44	11.2	170	0.64	1.61	8.55	<0.02	346	11.2	12	0.67
E846829		2.74	0.011		0.06	4.54	5.4	230	0.68	0.39	7.58	<0.02	351	3.4	28	0.63
E846830		2.62	0.006		0.16	6.18	2.9	70	0.56	0.38	5.81	<0.02	213	9.3	29	0.29
E846831		0.05	0.023		0.01	0.07	<0.2	10	<0.05	<0.01	0.02	0.02	3.06	0.1	1	<0.05
E846832		2.18	0.006		0.15	5.26	6.5	260	0.59	0.3	7.31	<0.02	209	3.6	30	0.71
E846833		2.73	0.006		0.08	5.65	5.5	210	0.74	0.19	6.18	<0.02	214	2.9	30	0.71
E846834		2.02	0.005		0.09	5.9	1.7	160	1.11	0.09	7.99	<0.02	113	5.3	27	1.33
E846835		1.47	<0.005		0.1	7.1	1.8	60	2.4	0.1	4.84	<0.02	234	7.9	41	4.11
E846836		0.07	0.907		38.9	4.37	1090	490	0.54	31.1	6.69	0.95	25.4	45.2	274	1.23
E846837		1.19	0.008		0.28	7.44	11.9	70	2.22	1.08	0.97	0.02	132.5	44.5	47	2.63
E846838		1.26	<0.005		0.12	7.57	4.3	50	2.28	0.24	0.45	<0.02	89.2	14.4	52	2.21
E846839		1.91	<0.005		0.12	8.83	19.2	530	2.6	0.24	0.38	0.03	10.75	18.3	50	1.96
E846840		1.82	0.006		0.39	8.58	71.1	50	2.59	1.43	0.25	0.04	15.25	31.6	45	1.67
E846841		1.61	<0.005		0.21	7.6	7.5	40	2.47	0.13	0.39	0.02	74.4	6.4	49	2.29
E846842		1.47	<0.005		0.17	7.53	12.6	70	2.91	0.3	0.46	0.03	97.4	10.4	41	4.8
E846843		1.77	<0.005		0.47	6.1	22.7	90	2.59	1.93	4.56	0.07	46.9	22.1	29	4.62
E846844		1.14	<0.005		0.18	6.01	10.7	80	2.21	1.01	6.16	0.03	13.65	16.7	19	3.3
E846845		0.72	0.011		1.93	3.99	62.9	30	0.79	14.8	8.75	0.06	13	106.5	6	0.56
E846846		2.30	<0.005		0.27	5.77	6.4	110	2.19	1.06	6.83	0.03	24.8	12.9	22	3.2
E846847		2.40	<0.005		0.09	5.97	2.8	80	1.84	0.41	6.93	0.02	10.6	7.2	21	1.65
E846848		2.31	<0.005		0.08	8.4	28	260	4.98	0.61	2.15	<0.02	14.25	54.9	31	6.17
E846849		2.36	<0.005		0.1	6.39	6.8	110	2.02	0.57	4.54	<0.02	8.54	26.2	23	1.54
E846850		1.92	<0.005		0.17	7.2	4.8	60	1.94	2.97	4.41	<0.02	98.5	31.8	30	1.79
E846851		2.14	<0.005		0.04	8.53	2.3	160	2.95	0.09	0.37	<0.02	50.7	9.6	56	2.79
E846852		1.50	<0.005		0.04	8.41	1.3	120	2.38	0.03	0.44	<0.02	198.5	2.3	57	1.34
E846853		1.74	<0.005		0.03	8.39	1.7	170	2.12	0.01	0.63	<0.02	77.2	1.6	53	0.79
E846854		1.32	<0.005		0.03	8.1	1.6	180	1.68	<0.01	0.61	<0.02	118.5	1.5	46	0.55
E846855		1.48	<0.005		0.03	9.1	1.8	220	3.2	<0.01	0.3	<0.02	36	1.8	59	2.41
E846856		1.61	<0.005		0.02	8.72	1.5	200	3.06	<0.01	0.31	<0.02	32.4	1.9	56	2.13

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846817		1.6	0.86	27.2	0.08	2.9	0.052	3.74	25.7	18.7	0.37	32	0.64	1.33	5.5	9.8
E846818		9.8	0.84	25.2	0.08	2.5	0.055	3.4	17.3	14.5	0.35	33	1.76	1.27	5.6	11.5
E846819		4.4	0.95	29.2	0.11	2.9	0.06	3.79	33.5	21.6	0.38	82	1.65	1.37	7.2	14.3
E846820		7.1	4.9	21.8	0.17	2.8	0.057	1.31	90	42.7	1.76	1735	4.86	3.35	5.8	40.8
E846821		3.9	0.91	29.1	0.07	3.4	0.058	3.15	7.2	18.5	0.43	140	0.81	2.43	6.8	15.5
E846822		2	0.76	25.8	0.07	3.3	0.049	2.57	10.9	17.4	0.37	142	1.24	3	6.7	14.7
E846823		4.5	0.5	17.55	0.08	2.2	0.025	1.12	32.3	9.3	0.23	150	0.51	3.88	4.4	9.1
E846824		4.2	7.59	19.2	0.16	1.7	0.1	1.26	52.8	43.8	2.49	3220	1.34	2.89	3.1	29.9
E846825		5.3	7.27	19.1	0.15	1.7	0.089	1.21	53	44.1	2.26	2910	1.35	2.96	2.8	30.6
E846826		1.9	6.56	17.95	0.13	1.4	0.123	1.64	32.9	41.9	2.65	4110	0.88	2.02	2.8	25.3
E846827		2.7	6.13	15.35	0.13	1.7	0.125	0.38	80.7	37.1	3.49	6350	2.17	3.2	4.9	30
E846828		2.4	15.2	13.95	0.29	1.1	0.253	1.13	197	29.7	3.78	8020	1.05	0.9	9.5	38.9
E846829		4.7	14.45	16.95	0.28	1.3	0.125	1.41	209	22.5	3.33	5740	7.46	1.76	8.9	33.8
E846830		3.5	4.14	15.4	0.21	2	0.033	0.49	134.5	15.3	2.52	3440	1.49	4.25	8.4	22
E846831		1.4	0.02	0.23	0.06	0.8	<0.005	0.01	1.8	2.2	0.01	6	0.32	0.01	0.1	1.3
E846832		2.2	6.62	17.25	0.25	1.7	0.033	1.79	122	31.8	3.54	3180	2.7	1.99	9.8	27.7
E846833		1.5	9.46	17.8	0.3	1.6	0.047	1.63	121.5	18.6	2.58	2990	1.98	2.6	8.8	21.3
E846834		2.2	4.89	17.15	0.17	1.7	0.081	1.38	66	39.9	4.01	4800	2.01	2.56	4	17.8
E846835		3.4	5.09	26.4	0.27	2.5	0.129	1.45	135	83	3.32	4640	2.07	2.13	5.6	36
E846836		4500	4.34	14.1	0.12	0.7	0.208	1.41	19	13.6	0.84	1720	704	0.66	1.9	21.7
E846837		10.5	2.22	23.8	0.19	3.4	0.05	1.35	73.7	39.1	0.98	884	5.93	3.39	7.7	36.5
E846838		35.7	1.44	26.9	0.13	3.3	0.027	1.03	47.1	31.4	0.67	347	3.72	4.2	8.1	21.9
E846839		14	1.12	26.3	0.07	4.2	0.026	1.13	5.7	17.8	0.55	294	2.98	5.47	11.6	12.9
E846840		5.8	1.85	24.2	0.1	4.4	0.018	0.87	7.5	15.7	0.38	51	3.71	5.97	10.9	30.3
E846841		8.4	0.59	24.9	0.12	4	0.017	0.76	38.8	14.2	0.39	323	1.23	5.29	12.7	14.7
E846842		4.5	1.13	21.6	0.14	3.9	0.029	1.19	49.7	43.1	0.61	291	3.79	3.92	10.5	16.7
E846843		27.9	2.94	17.35	0.11	3.4	0.118	2.05	22.5	80.9	1.61	4030	19.25	1.2	8.1	20.3
E846844		94.8	3.87	16.65	0.07	3.5	0.135	2.01	6.6	105	2.85	5680	5.02	0.99	6.9	17.6
E846845		21.4	8.6	8.99	0.13	1.8	0.081	0.38	5.8	25.3	4.06	5640	16.2	2.12	2.6	122.5
E846846		24.1	2.7	18.25	0.05	3.3	0.096	2.03	11.7	39.1	3.26	5030	4.87	1.3	8.6	20.4
E846847		7.4	2.22	13.85	<0.05	3.2	0.064	1.39	4.9	15.3	3.36	4220	1.61	2.35	7.7	8.8
E846848		4.1	1.75	34.7	0.08	5.6	0.088	4.46	6.9	46.2	1.64	1455	3.57	0.42	13.4	13.6
E846849		4.7	2.23	17.6	0.08	3.7	0.064	1.1	4	21.5	2.2	3430	3.34	3.29	10.1	8.4
E846850		9.9	3.58	23	0.15	2.3	0.082	1.06	50.6	57	2.17	3830	4.51	3.83	6.9	26.9
E846851		11.4	0.87	30	0.09	2.7	0.044	1.82	26.7	20.4	0.42	241	0.69	5.02	8.7	18.5
E846852		8.5	0.64	24.8	0.21	2.3	0.034	1.14	113	13.2	0.34	366	0.35	5.86	7.9	12.1
E846853		7.8	0.56	22.4	0.14	2	0.028	0.84	41.6	8.6	0.32	568	0.31	6.28	6.8	9.5
E846854		4.1	0.53	18.1	0.16	2.2	0.019	0.53	65.1	6.1	0.28	452	0.26	6.8	8.9	15.8
E846855		3.9	0.74	32.3	0.09	2.6	0.043	1.94	18.1	18.6	0.33	155	0.74	5.22	7.5	13.9
E846856		2.4	0.65	30.9	0.1	2.6	0.04	1.64	16.4	16.2	0.29	102	0.29	5.45	9	12.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
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CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846817		280	1.6	182	<0.002	0.02	1.21	9.6	2	2.8	8.4	0.42	<0.05	16.8	0.212	0.36
E846818		490	1.4	169	0.002	0.02	1.5	11.5	1	3	10.2	0.43	<0.05	16.3	0.19	0.33
E846819		390	1.3	196.5	0.002	0.02	1.54	10.9	2	3.3	11.7	0.55	<0.05	14.4	0.224	0.39
E846820		830	3	79.2	0.012	0.76	2.02	13.8	1	3.8	24.7	0.54	0.08	17.5	0.208	0.4
E846821		570	1	169.5	0.002	0.02	0.94	16.5	1	3.7	16.9	0.46	<0.05	20.8	0.175	0.31
E846822		1070	1.2	139.5	<0.002	0.01	1.05	14.2	1	3.3	20.2	0.49	<0.05	16.4	0.16	0.27
E846823		520	1	54.7	<0.002	0.04	0.99	7.4	1	1.7	25.4	0.34	<0.05	14.5	0.11	0.12
E846824		770	1.7	76.8	0.002	0.61	1.17	10.6	2	2.8	17.4	0.29	0.08	15.5	0.176	0.24
E846825		710	1.8	73.1	0.002	0.69	1.1	10	2	2.7	17.8	0.27	0.09	13.9	0.17	0.23
E846826		620	1.2	103.5	0.002	0.39	1.12	11.7	2	2.8	15.3	0.24	<0.05	14.1	0.14	0.35
E846827		1370	1.7	21.6	0.003	0.46	1.37	9.4	2	3.3	41	0.29	0.24	12.8	0.12	0.08
E846828		3340	1.8	39.3	0.002	0.14	1.31	6.6	2	16.4	49.5	0.26	0.88	9.3	0.076	0.12
E846829		2760	2	40.2	0.005	0.01	1.39	8.3	2	16.5	37.2	0.22	0.36	11.5	0.08	0.13
E846830		1320	1.4	14.5	<0.002	0.08	1.5	8.6	1	8.2	35.8	0.36	0.43	12.9	0.111	0.05
E846831		10	1.1	0.2	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02
E846832		2290	1.8	49.4	0.002	0.02	1.31	11.5	2	7.2	45.2	0.41	0.35	12.9	0.138	0.17
E846833		2630	1.5	50.7	0.002	0.01	1.22	11.3	1	5.3	39.5	0.4	0.22	13.1	0.127	0.16
E846834		1000	1.9	49.9	<0.002	0.03	1.17	14.5	1	4.1	47.6	0.26	0.1	10.1	0.156	0.18
E846835		900	1.8	80.5	0.002	0.07	1.84	16	2	6.7	32.1	0.45	<0.05	16.9	0.199	0.29
E846836		550	72.7	36.3	0.079	0.71	91.8	6.1	4	2.6	276	0.11	3.8	1.3	0.112	0.23
E846837		500	4.1	82.1	0.015	0.67	1.53	14.8	2	1.4	21.5	0.56	0.07	14.8	0.172	0.32
E846838		420	1.9	58.2	0.012	0.21	1.19	14.1	1	0.4	14.9	0.56	0.05	13.9	0.178	0.26
E846839		460	6.2	59.3	0.002	0.54	1.17	15.8	1	0.4	28.4	0.8	<0.05	18.1	0.244	0.23
E846840		440	31.5	47.5	<0.002	1.39	1.51	12.5	2	0.2	26.5	0.74	0.09	15.3	0.219	0.18
E846841		550	4.1	40	<0.002	0.05	0.82	14.8	1	<0.2	19.7	0.86	0.13	16.9	0.26	0.19
E846842		610	2.9	62.8	0.005	0.07	1.44	9.8	1	<0.2	17.5	0.7	0.06	14.7	0.213	0.34
E846843		470	6.6	103.5	0.002	0.3	2.64	8.7	1	0.8	23.1	0.45	0.07	9.7	0.159	0.43
E846844		410	2.4	115	<0.002	0.3	1.85	6	1	0.9	20.4	0.41	<0.05	9.7	0.139	0.33
E846845		350	16.1	21.8	<0.002	6.12	2.18	9	3	0.2	30.6	0.16	0.13	6.3	0.047	0.11
E846846		420	2.8	112.5	<0.002	0.23	1.42	9.2	<1	1	26.8	0.49	0.05	9.8	0.163	0.3
E846847		420	1.5	74.1	<0.002	0.09	0.71	7.1	<1	0.8	25.7	0.45	<0.05	8.8	0.149	0.2
E846848		460	1.6	219	<0.002	0.37	1.12	11.6	<1	3.4	12.6	0.77	<0.05	13.4	0.231	0.54
E846849		370	1.6	56.3	<0.002	0.27	0.69	7.1	<1	1	22.7	0.58	<0.05	9.6	0.164	0.18
E846850		720	3	60.7	<0.002	0.88	2.1	11.5	<1	2.2	24.1	0.47	<0.05	14.2	0.133	0.2
E846851		440	3.3	115	<0.002	0.06	2.15	17.6	<1	4.1	39.3	0.53	<0.05	16.4	0.172	0.27
E846852		390	2	65.9	<0.002	0.01	1.89	11.3	<1	2.5	42	0.49	<0.05	14.7	0.168	0.17
E846853		460	3.6	47.4	<0.002	0.01	1.51	9.1	<1	2	44.4	0.46	<0.05	12.4	0.137	0.1
E846854		620	3.4	31.7	<0.002	0.01	1.97	6.5	<1	1.6	59.2	0.54	<0.05	12.3	0.191	0.08
E846855		420	1.1	124	<0.002	0.01	1.96	19.1	<1	4.8	45.5	0.46	<0.05	16.5	0.179	0.24
E846856		590	1.1	109.5	<0.002	0.01	1.82	20.8	<1	4.6	44	0.52	<0.05	18.1	0.182	0.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
E846817		2	75	2.1	14.9	2	82.7
E846818		1.6	80	2.1	15.7	4	72.7
E846819		2	77	2.4	16.7	5	84
E846820		7.8	120	6.4	13.4	22	84.3
E846821		2.5	93	2.6	11.8	2	96.4
E846822		2.4	80	2.4	12.4	3	92
E846823		1.5	42	1.9	15.3	3	65
E846824		8.7	95	4.3	10.7	25	51.2
E846825		5.7	92	4.2	10.1	25	49.3
E846826		2.8	92	4.1	10.5	20	44
E846827		5.3	142	5.2	16.6	24	53.7
E846828		4.8	424	9.9	24	26	34.1
E846829		4.7	267	13.4	22.3	23	41.3
E846830		6.7	85	12.3	17.1	12	73.1
E846831		0.2	<1	0.1	2	4	28
E846832		8	174	9.2	19.8	38	61.9
E846833		8	273	12.7	21.3	20	58.1
E846834		2.9	145	9.3	17.1	23	63.8
E846835		4.8	130	15.8	24.6	34	88.1
E846836		2.5	59	15	11	114	24.5
E846837		3.7	67	3.9	20.7	23	120.5
E846838		3.7	67	3	16.6	14	114.5
E846839		3.9	94	3.3	15	10	141.5
E846840		5.8	71	3.1	15.4	20	142.5
E846841		9.6	71	3.3	16.3	6	135
E846842		4.1	49	2.8	16.9	14	132.5
E846843		4.6	37	2.2	22.9	27	101.5
E846844		3.6	33	2.2	18.4	17	97.4
E846845		4.3	18	0.9	15.4	23	50.3
E846846		3.1	45	2.4	19.6	19	95.8
E846847		2.5	35	1.7	15.2	10	93.3
E846848		3.7	73	3.4	20.5	9	160.5
E846849		3.1	40	2.2	15.1	6	110
E846850		4.2	42	3.8	11.9	11	63.7
E846851		3	90	2.3	8.9	6	80.5
E846852		1.8	61	2	8.3	4	67.1
E846853		1.5	54	1.7	7.1	2	59.4
E846854		1.7	44	2.4	10.1	2	65.6
E846855		2.6	94	2.1	8.9	3	79.6
E846856		3.6	120	2.2	9.7	2	80.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E846857		0.83	<0.005		0.02	9.71	1.4	270	3.59	<0.01	0.25	<0.02	30.8	2.1	69	1.86
E846858		1.30	<0.005		0.02	9.35	1.9	240	3.32	<0.01	0.38	<0.02	39.5	2.9	71	2.68
E846859		2.49	<0.005		0.07	6.86	1.9	70	1.31	0.25	5.21	<0.02	38.1	16.3	32	0.97
E846860		2.52	<0.005		0.06	7.17	1.6	270	1.68	0.06	5.27	<0.02	11.85	8.9	34	0.97
E846861		1.62	<0.005		0.06	7.28	2.8	60	1.42	0.11	5.35	<0.02	6.58	12.6	33	0.9
E846862		1.92	<0.005		0.05	6.78	2	3390	1.2	0.02	5.29	<0.02	9.01	5.6	26	1.09
E846863		1.53	<0.005		0.13	7.48	4.4	350	1.68	0.59	4.21	<0.02	15.2	28.7	36	2.25
E846864		2.33	0.005		0.09	5.86	14.8	110	1	0.62	5.68	<0.02	149.5	49.4	31	0.92
E846865		1.85	<0.005		0.09	5.84	9	200	0.88	0.38	5.95	<0.02	470	26	35	1.21
E846866		1.75	0.006		0.09	6.06	8.2	130	1.29	0.37	5.35	<0.02	231	33.1	35	2.09
E846867		2.42	0.005		0.09	5.38	2.3	170	2.16	0.57	7.21	<0.02	29	19.8	25	2.12
E846868		2.56	0.008		0.1	5.35	2.4	190	2.26	0.8	6.2	<0.02	48.2	17.7	27	2.53
E846869		2.64	0.008		0.13	5.61	1.8	180	2.32	0.86	6.26	<0.02	27.4	14	25	2.74
E846870		2.17	0.008		0.18	7.27	3.2	280	3.53	1.08	4.49	<0.02	61.1	17.3	29	4.38
E846871		1.26	0.006		0.16	6.25	1.8	250	2.79	0.88	4.68	<0.02	70.5	10.5	33	3.68
E846872		0.05	<0.005		0.01	0.06	0.3	10	<0.05	<0.01	0.02	<0.02	2.75	0.1	1	<0.05
E846873		1.23	0.008		0.16	6.43	3	250	2.92	1.04	4.72	<0.02	81.7	11.5	34	3.85
E846874		1.93	<0.005		0.14	6.15	1.8	200	2.28	0.72	6.8	0.02	63.5	9.2	28	2.67
E846875		2.62	<0.005		0.12	5.85	1.8	210	2.22	0.58	6.3	0.02	72	7.5	32	2.97
E846876		1.30	0.006		0.13	6.64	2.4	260	2.61	0.72	4.73	<0.02	71.4	8.8	41	3.89
E846877		2.81	0.006		0.09	2.85	5	60	0.87	0.62	12	<0.02	24.5	13.4	16	0.89
E846878		1.62	<0.005		0.06	2	<5	30	0.48	0.23	12.1	<0.02	9.34	7.2	14	0.44
E846879		2.27	0.005		0.09	5.83	1	190	1.82	0.55	8.72	<0.02	39.6	9.5	24	3
E846880		1.26	<0.005		0.09	2.83	<5	70	0.88	0.51	10.55	<0.02	21.4	8.6	15	0.89
E846881		0.15	<0.005		0.08	3.63	<0.2	310	0.29	0.49	8.15	0.06	>500	17.5	18	0.3
E846882		0.06	0.944		37.6	4.38	1120	510	0.52	29.1	6.62	0.18	25.6	38.5	270	1.23
E846883		2.00	0.006		0.16	6.32	10.8	150	0.86	0.51	6.25	<0.02	48.3	36.2	33	1.22
E846884		0.89	0.007		0.08	6.63	31	150	0.99	0.67	6.1	<0.02	130	55.3	30	1.94
E846885		0.50	0.007		0.1	6.71	35.2	160	0.98	0.74	6.46	<0.02	109	56.1	30	2.16
E846886		0.81	0.007		0.07	5.44	51	170	0.63	0.66	5.04	<0.02	260	43	28	1.09
E846887		1.95	0.006		0.06	5.47	8.4	180	0.94	0.22	6.55	<0.02	61.1	23.6	26	1.41
E846888		1.50	0.005		0.04	7.63	12.7	230	1.08	0.2	5.05	<0.02	149	24.7	38	1.17
E846889		1.27	0.013		0.11	5.97	2.1	210	0.62	0.11	5.8	<0.02	106.5	21	31	0.79
E846890		0.03	<0.005		0.01	0.07	<0.2	10	<0.05	0.01	0.03	0.02	2.77	0.1	2	<0.05
E846891		0.53	<0.005		0.05	2.15	1.5	1020	0.34	0.06	5.8	<0.02	16.3	29.9	20	0.61
E846892		2.15	<0.005		0.08	7.54	1.5	850	0.9	0.1	4.78	<0.02	47.1	36.7	38	1.46
E846893		1.66	<0.005		0.03	7.16	1.5	460	0.53	0.08	4.54	<0.02	73.1	16.9	40	0.48
E846894		2.14	0.005		0.02	7.33	1.3	1150	0.78	0.06	3.74	<0.02	74.3	20.2	40	0.9
E846895		1.78	<0.005		0.02	7.11	2.5	430	0.7	0.06	4.57	<0.02	91.3	27.9	36	0.74
E846896		0.06	0.869		37.6	4.48	1120	520	0.33	35.5	6.7	1.33	26.6	43.5	271	1.21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846857		2	0.81	30.6	0.1	2.9	0.048	2.27	16.4	18.4	0.32	49	0.28	5.41	10.7	16.8
E846858		2.9	1.01	27	0.11	2.9	0.046	2.24	20.1	30.7	0.44	166	0.49	4.92	9.7	17
E846859		11.9	3.35	17.85	0.21	1.8	0.047	0.45	19.5	44.6	2.29	5080	4.56	4.17	4.3	26.1
E846860		6.3	3.16	23.5	0.15	2	0.054	0.7	6.2	28.8	2.17	5430	3.44	4.35	5	21.2
E846861		1.5	3.45	22.6	0.16	2.4	0.055	0.66	3.3	26.2	2.53	5290	1.22	4.42	6.6	25.8
E846862		2.2	2.45	18.45	0.14	2.5	0.071	0.86	4.5	13.2	2.28	4730	0.42	4.35	5.8	10.7
E846863		4.7	3.35	21.7	0.15	2.6	0.121	2.13	7.7	38.3	2.17	4930	4.77	2.67	8.3	24.7
E846864		2.7	5.66	15.85	0.17	1.4	0.096	0.88	82.1	14.8	2.55	5480	1.16	3.31	3.3	41.6
E846865		3.2	5.83	17.75	0.42	1.5	0.097	0.85	305	12.2	2.51	5710	1.44	3.38	3.9	22.2
E846866		10.6	5.11	16.9	0.21	1.8	0.104	1.28	123	29.2	2.62	4410	7.4	2.64	4.4	26.1
E846867		8.8	2.42	16.1	0.07	2.6	0.085	2.2	14.4	14.8	3.65	3710	3.81	0.8	6	15.9
E846868		4.4	2.05	16.5	0.07	2.7	0.077	2.47	23.3	14.6	3.18	3040	3.89	0.47	7.5	17.1
E846869		3.4	2.09	16.8	0.09	3	0.072	2.5	14	13.7	3.12	3140	4.58	0.66	7.1	23.2
E846870		8.7	2.08	24.3	0.2	3.9	0.077	3.45	27.9	34.3	2.4	2800	8.78	0.51	11.4	29.8
E846871		5.2	1.94	18.75	0.18	3.2	0.079	3.17	35.2	30.2	2.42	3020	6.56	0.12	9.2	18
E846872		1.6	0.02	0.25	0.13	0.8	<0.005	0.01	1.5	2	0.01	6	0.05	<0.01	0.2	0.3
E846873		7.4	2.03	20.2	0.23	3.2	0.082	3.01	41	31.4	2.49	3090	7.99	0.16	9.5	20.4
E846874		4.4	2.31	17.3	0.12	2.8	0.071	2.73	29.3	21.8	3.53	4060	3.52	0.64	8.3	16.8
E846875		4.2	2.09	17.25	0.11	2.4	0.062	2.78	35.2	21.7	3.25	3640	3.6	0.44	7.1	12.5
E846876		21.9	1.65	22	0.2	2.8	0.062	3.21	35.3	21.2	2.49	2570	8.15	0.5	9	13.9
E846877		10.1	3.77	7.2	0.05	1.3	0.051	0.78	11.6	16.7	6.39	4110	3.4	0.66	2.4	34.3
E846878		12.7	3.69	4.68	0.05	1	0.058	0.5	4.1	13.3	6.26	4630	1.6	0.51	1.6	21.5
E846879		9.7	3.05	15.9	0.1	3.1	0.116	1.6	20.5	27.1	4.67	4240	5.27	0.39	5.8	23
E846880		4.4	3.21	6.36	0.08	1.6	0.071	0.94	10.7	11.8	5.57	4420	3.31	0.59	2.5	19.5
E846881		3.5	4.8	9.85	0.5	1.1	0.044	0.24	329	16.6	3.95	6760	2.55	2.15	2	14.1
E846882		4340	4.23	12.4	0.07	0.6	0.215	1.24	19.1	11.8	0.83	1780	712	0.68	1.7	17.5
E846883		7.5	4.48	14.45	0.11	1.8	0.086	0.78	27.6	29.3	3.31	6280	7.36	3.3	4.8	28.3
E846884		2.4	5.34	16.1	0.16	1.9	0.103	1.16	77	53.7	3.33	7000	9.05	2.71	4.1	38.1
E846885		2.1	5.65	16.75	0.16	2	0.121	1.13	64.7	56.4	3.57	7460	10	2.62	4.5	39.2
E846886		2.4	5.3	12.6	0.24	1.6	0.075	0.88	151	25.6	2.36	5280	5.04	2.93	4.2	23.1
E846887		1.2	5.15	13.05	0.11	1.4	0.124	1.06	34.2	27.2	3.03	7210	18.4	2.4	2.8	16.5
E846888		1	5.12	18.85	0.18	1.7	0.088	1.02	83.7	21.1	2.3	5420	7.61	4.51	3.8	14.6
E846889		1.4	4.25	15.55	0.15	1.3	0.084	0.48	63.6	24.1	2.61	6550	17.85	3.49	3.4	14.5
E846890		1.3	0.03	0.18	0.06	0.7	<0.005	0.01	1.6	2.1	0.01	29	0.19	0.02	0.2	0.9
E846891		4.7	3.07	5.39	0.06	1.5	0.074	0.41	8.4	14.4	2.46	6470	6.63	0.93	2	9.4
E846892		4.9	4.48	24.6	0.11	2.4	0.076	1.43	25.8	21.2	2.4	4760	3.89	3.6	6.7	22.3
E846893		4	3.83	17.4	0.15	2.7	0.03	1.02	40	15.6	2.04	4060	2.99	4.67	7	22
E846894		4.5	4.96	19.45	0.15	2.7	0.033	0.66	37.9	26	1.81	3590	2.31	4.67	5.9	21.4
E846895		1.7	5.16	18.35	0.17	2.5	0.042	0.43	51.3	31	1.98	4510	2.48	4.61	6.1	17.9
E846896		4420	4.31	12.55	0.35	0.7	0.188	1.19	19.4	14.2	0.84	1800	728	0.7	1.7	21.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846857		340	1.2	138.5	<0.002	0.01	2.27	30.6	<1	5.5	56.2	0.65	<0.05	15	0.249	0.23
E846858		380	2.5	134	<0.002	0.01	2.24	21.8	<1	4.6	73.9	0.56	<0.05	14.7	0.225	0.28
E846859		890	1.4	24.4	0.002	0.08	1.77	10.4	<1	1.4	47.9	0.31	<0.05	12.5	0.12	0.13
E846860		740	1.5	35.4	<0.002	0.05	1.47	10	<1	1.5	47.9	0.38	<0.05	15.2	0.112	0.16
E846861		750	1.2	37	<0.002	0.08	1.51	12.2	<1	1.7	37.6	0.52	<0.05	15	0.131	0.16
E846862		640	1.3	43.9	0.002	0.12	1.34	8.7	<1	1.3	76.3	0.41	<0.05	12.8	0.094	0.16
E846863		790	2	117.5	<0.002	0.28	1.96	12.2	<1	2.5	24.3	0.56	<0.05	15.8	0.163	0.4
E846864		630	2.4	60	<0.002	0.82	1.04	10.6	<1	2.2	22.4	0.24	0.06	11.2	0.152	0.13
E846865		620	1.7	60.2	<0.002	0.4	1.22	11.7	<1	2.5	25.9	0.3	0.05	12.3	0.172	0.16
E846866		640	1.7	76.5	0.002	0.36	1.26	12	<1	2.5	24	0.29	0.05	11.3	0.157	0.19
E846867		450	1.6	124.5	<0.002	0.18	0.6	8.6	<1	1.7	25.9	0.34	<0.05	8.9	0.132	0.25
E846868		470	1.4	141.5	<0.002	0.16	0.55	9.1	<1	1.9	25.3	0.43	0.05	8.7	0.16	0.26
E846869		440	1.6	137.5	<0.002	0.2	0.59	8.3	<1	1.9	25.7	0.41	0.05	10	0.164	0.31
E846870		510	2	166.5	<0.002	0.22	0.92	9.4	<1	2.7	20.3	0.73	0.08	12.2	0.187	0.45
E846871		490	1.6	166.5	<0.002	0.12	0.83	8.8	<1	2	18.8	0.55	0.05	10.5	0.213	0.4
E846872		10	1.1	0.4	<0.002	0.01	<0.05	0.2	<1	0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02
E846873		500	1.7	167.5	<0.002	0.12	0.96	9.2	<1	2.1	18.7	0.54	0.05	10.8	0.209	0.38
E846874		450	1.4	146.5	<0.002	0.14	0.68	8.3	<1	1.5	26.1	0.48	<0.05	10	0.17	0.33
E846875		530	1.3	141.5	<0.002	0.1	0.68	8.3	<1	1.5	25.2	0.41	<0.05	9	0.186	0.36
E846876		710	1.7	152.5	<0.002	0.1	0.77	10.2	<1	2	23	0.55	<0.05	10.5	0.226	0.39
E846877		420	1.4	42.1	<0.002	0.23	0.59	3.9	<1	0.5	36.5	0.15	<0.05	4.3	0.056	0.11
E846878		280	1	25.5	<0.002	0.08	0.35	2.9	<1	0.2	33.5	0.1	<0.05	3	0.035	0.07
E846879		450	2.1	107	<0.002	0.14	0.82	8.8	1	1.7	28.8	0.38	<0.05	11.2	0.14	0.26
E846880		290	1.4	48	<0.002	0.14	0.43	4.5	1	0.5	33.8	0.17	<0.05	5.6	0.063	0.11
E846881		420	2.5	11.1	<0.002	0.65	1.26	7.8	3	1.4	33.2	0.15	<0.05	10	0.058	0.08
E846882		550	60.1	35.9	0.066	0.72	86.8	5.8	4	3.1	273	0.09	3.5	1.6	0.122	0.22
E846883		650	1.6	34.9	0.002	0.4	1.55	10.6	1	2	30.9	0.41	0.09	13.1	0.162	0.17
E846884		670	1.4	53.5	<0.002	0.54	1.27	12.1	1	1.4	25.5	0.38	0.08	12.3	0.157	0.21
E846885		700	2.3	55	<0.002	0.53	1.28	13.6	1	1.5	25.6	0.42	0.09	12.8	0.174	0.21
E846886		650	1.6	34.5	<0.002	0.74	1.14	10.7	1	1.8	21.8	0.4	0.1	12.9	0.18	0.12
E846887		560	1.3	58.1	0.006	0.24	0.88	10.5	1	1.2	27.7	0.24	0.08	13.6	0.11	0.2
E846888		720	1.3	47.9	<0.002	0.21	1.08	12.9	1	1.4	28.4	0.33	<0.05	15.2	0.149	0.2
E846889		570	1.3	26.3	0.002	0.1	0.71	11.1	2	0.7	26.8	0.26	0.12	13.3	0.106	0.13
E846890		10	1	0.5	<0.002	0.01	0.05	0.3	1	<0.2	2	<0.05	<0.05	0.4	0.006	<0.02
E846891		520	1.1	21.7	0.002	0.12	0.54	7.8	1	0.5	24.1	0.16	0.06	10.2	0.064	0.08
E846892		640	1.3	88.8	<0.002	0.18	1.17	21.3	1	3.4	26.4	0.59	0.1	16.4	0.211	0.24
E846893		740	1.4	30.7	<0.002	0.04	1.08	11.4	1	1.8	23.6	0.6	0.05	17.4	0.187	0.09
E846894		730	1.3	23.6	<0.002	0.08	1.16	12.2	1	2	27.3	0.52	0.05	16.6	0.17	0.09
E846895		660	1.3	18.1	<0.002	0.1	1.1	12.4	1	1.9	23.7	0.54	0.05	16.3	0.164	0.08
E846896		580	69.7	37.2	0.069	0.73	86.1	6.9	5	3.4	279	0.09	3.91	1.9	0.124	0.21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
E846857		3.4	201	2.8	10.1	2	89.1
E846858		3.9	152	3	11	6	89.6
E846859		3.2	83	3.1	9.1	13	55.8
E846860		2.6	77	2.9	8	9	57.8
E846861		2.7	76	3.2	7.8	11	66.1
E846862		2.3	30	1.9	8.1	6	72.8
E846863		5.4	43	3.3	11.2	11	79
E846864		4.4	64	2.4	11.5	6	43.2
E846865		3.9	69	2.4	20.9	6	42.2
E846866		4	60	2.4	14.6	11	52.7
E846867		2.2	40	1.2	14.7	5	76.6
E846868		2.3	42	1.5	14.3	4	86.4
E846869		2.3	40	1.6	14.8	5	91.6
E846870		2.4	50	2.1	16.2	6	108.5
E846871		2.8	48	1.8	15.3	9	95.2
E846872		0.2	<1	<0.1	1.7	3	21.3
E846873		2.8	49	1.9	15.7	10	95.6
E846874		2.1	43	1.4	14	12	79.1
E846875		2.1	45	1.3	12.7	9	72.3
E846876		2.6	54	1.7	13	7	88
E846877		1.8	22	0.5	10.5	10	37.3
E846878		1.3	20	0.3	9	8	29.8
E846879		2.7	48	1.3	14.1	16	86
E846880		1.7	24	0.5	10.5	10	53.5
E846881		2	39	2.3	20.3	15	34.1
E846882		2.3	61	14.7	9.7	120	21.7
E846883		2.6	57	4.7	12	24	57.2
E846884		3.1	53	3	13.2	30	62.5
E846885		3.3	55	3.3	13.6	32	58.3
E846886		2.7	67	3	13.5	15	47.9
E846887		2	61	2	12.8	18	44
E846888		2.2	94	2.9	14.1	17	53.5
E846889		2.3	48	1.9	12.7	16	43.4
E846890		0.2	<1	<0.1	1.7	4	21.2
E846891		1.7	27	1.1	9.8	11	46.7
E846892		2.9	133	6.3	13.1	18	74.6
E846893		2.9	59	4	14	16	82.1
E846894		2.8	69	4.2	14.5	21	82.3
E846895		3	64	4	15.9	21	75.6
E846896		2.7	64	16.7	10	121	25.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E846897		1.69	0.005		0.04	6.72	4.2	200	0.52	0.11	4.61	<0.02	62	29	38	0.33
E846898		2.91	<0.005		0.07	7.57	5	330	0.84	0.39	6.66	0.02	86.6	24.1	38	0.96
E846899		0.04	0.007		0.02	0.08	<0.2	10	<0.05	0.01	0.04	<0.02	2.85	0.1	3	<0.05
E846900		1.84	<0.005		0.04	6.92	4.3	190	0.65	0.19	4.95	<0.02	80	20.7	35	0.39
E846901		0.74	<0.005		0.01	6.46	3.5	180	0.85	0.11	4.04	<0.02	72.6	20.8	42	0.63
E846902		2.05	<0.005		0.02	5.98	1.9	120	0.71	0.07	3.85	<0.02	60.7	11.4	43	0.52
E846903		1.87	<0.005		0.05	6.61	25	200	0.58	0.28	4.9	<0.02	69.8	172.5	33	0.29
E846904		1.49	<0.005		0.03	6.54	1.9	110	1.02	0.14	5.22	<0.02	72.3	14.5	31	0.79
E846905		1.24	<0.005		0.01	6.51	1.5	160	1.49	0.07	3.66	<0.02	54.9	12.1	43	1.33
E846906		1.23	<0.005		0.02	5.64	2.5	60	0.68	0.06	5.44	<0.02	83.3	11.5	27	1.24
E846907		1.21	<0.005		0.02	6.3	3.3	100	0.6	0.11	5.78	<0.02	30.9	11.5	29	0.73
E846908		1.38	<0.005		0.01	6.2	0.9	50	0.53	0.04	3.64	<0.02	38.9	7.7	39	0.52
E846909		1.31	<0.005		0.02	7.3	2.2	50	0.73	0.08	4.51	<0.02	53	12.1	41	0.77
E846910		1.79	<0.005		0.02	6.2	0.5	100	0.46	0.04	7.13	<0.02	28.7	9.1	28	0.29
E846911		1.29	<0.005		0.06	4.82	<5	450	0.43	0.09	10.15	<0.02	37.5	15	26	0.27
E846912		2.03	<0.005		<0.01	6.79	2.1	90	0.57	0.06	4.22	<0.02	17.35	9.1	47	0.23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846897		2.8	4.69	15.65	0.11	2.1	0.031	0.54	33.7	12.4	2.06	4080	2.74	4.58	5.5	17.2
E846898		15.3	4.86	18.8	0.14	2.6	0.073	0.91	48.3	20.3	2.79	6090	3.32	4.54	5.9	20.6
E846899		1.9	0.04	0.22	0.05	0.7	<0.005	0.01	1.7	2.2	0.01	30	0.25	0.02	0.2	1
E846900		1.5	5.68	18.35	0.14	2.6	0.035	0.56	45.3	16.2	2.2	4510	2.09	4.57	6.5	24.3
E846901		1	4.89	18.65	0.11	2.3	0.043	0.75	34.8	14.5	1.68	3810	2.92	4.71	6.1	18.6
E846902		1.1	4.55	15.9	0.11	1.9	0.047	0.47	30.1	16.4	1.6	3810	2.31	4.83	5.6	12.1
E846903		2.4	6.84	15.2	0.14	1.9	0.037	0.24	39.3	20.5	2.07	4830	4.86	4.54	4.9	19
E846904		2.5	3.68	15.1	0.13	2.2	0.072	0.56	40.5	20.3	2.48	4660	1.91	4.04	6	12.2
E846905		1.1	3.44	22.9	0.14	2.5	0.092	1.07	26.4	21	1.66	3330	1.44	4.5	8.1	13.6
E846906		1.5	5.24	13.75	0.15	2.3	0.059	0.52	46.2	44.4	2.77	5990	2.56	2.83	5	16.8
E846907		1.4	4.52	13.7	0.09	2.2	0.049	0.3	16.1	23.1	2.59	5780	2.89	4.09	6	13.3
E846908		2.4	4	13.75	0.09	2	0.027	0.28	18.1	17.3	1.64	3840	1.73	4.94	5.2	10.7
E846909		1.6	4.09	17	0.1	2.7	0.039	0.27	28.4	19.4	1.93	4060	2.74	5.08	5.4	14.2
E846910		1.6	3.49	12.4	0.09	1.9	0.061	0.13	15.5	10.4	3.02	5690	0.87	4.58	4.1	10.5
E846911		65.6	4.56	11.05	0.09	1.6	0.059	0.07	20.5	6.6	4.64	6630	3.06	3.58	3.7	21.4
E846912		1.7	2.55	16.9	0.09	2.4	0.029	0.11	7.6	6.9	1.67	3460	0.52	5.64	6.5	10.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846897		620	1.8	15.2	<0.002	0.14	0.84	10.4	1	1.5	20.5	0.48	0.05	14	0.161	0.06
E846898		740	2	44.4	<0.002	0.19	1.33	12.6	1	2.4	30.5	0.5	0.05	16.3	0.161	0.12
E846899		10	1.4	0.6	<0.002	0.01	<0.05	0.3	1	<0.2	2.2	<0.05	<0.05	0.3	0.006	<0.02
E846900		710	1.3	20.3	<0.002	0.1	1.13	11.2	1	2.2	25.7	0.54	0.06	17.8	0.154	0.06
E846901		690	1	22.8	<0.002	0.09	1	11.9	1	2.8	20.9	0.53	0.05	10.6	0.158	0.09
E846902		680	1	10.9	<0.002	0.05	0.99	7.9	1	3.3	19.5	0.49	<0.05	8.3	0.177	0.06
E846903		640	1.2	11.3	<0.002	0.68	0.98	10.9	1	1.9	22.7	0.43	0.11	13.6	0.143	0.04
E846904		660	1.4	29.3	<0.002	0.07	1.05	9.9	1	3.3	23.4	0.54	<0.05	15.4	0.167	0.07
E846905		790	1.1	40.2	<0.002	0.03	1.15	12.5	1	8.1	23	0.7	<0.05	10.7	0.208	0.15
E846906		650	1.1	29.7	<0.002	0.02	1.06	8.9	1	2.2	19.4	0.42	<0.05	16.5	0.144	0.11
E846907		620	1.6	14.3	0.002	0.05	1.01	8.9	1	2.9	21.2	0.52	<0.05	14.1	0.199	0.07
E846908		690	1.2	5.5	<0.002	0.02	1.03	6.6	1	2.3	16.1	0.46	<0.05	8.6	0.164	0.06
E846909		730	1.1	10.2	0.002	0.03	1.03	9.4	1	2.3	22.5	0.49	<0.05	16.8	0.146	0.06
E846910		570	1.6	6	<0.002	0.01	0.74	11.4	1	1.7	32.8	0.35	<0.05	13.7	0.113	0.03
E846911		460	1.9	3.5	<0.002	0.03	0.67	14	1	1.5	47.6	0.31	<0.05	9.7	0.102	0.02
E846912		710	1.9	2.9	<0.002	0.02	1.14	6	1	2.5	25.1	0.53	<0.05	12.8	0.168	0.03

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07097561

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	U	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	1	0.1	0.1	2	0.5
E846897		2.6	58	3.3	15.1	21	64.6
E846898		3.4	62	4.1	18.8	21	80
E846899		0.2	1	<0.1	1.9	3	23.1
E846900		3.6	63	4.4	15.6	16	80.1
E846901		1.7	67	4.7	10.4	14	66.4
E846902		1.9	75	4.5	8.5	16	58
E846903		3	61	4.2	12.8	17	58.3
E846904		2.3	62	5	14.3	17	64.8
E846905		1.6	100	7.3	9.2	16	72.9
E846906		2	50	3.7	12.3	30	68.7
E846907		2.2	49	4.1	12	15	66.6
E846908		1.3	58	3.7	7	15	58.8
E846909		2.6	55	3.8	13.2	18	78.5
E846910		1.7	37	3.1	11.4	15	55.4
E846911		1.6	46	2.4	10.3	15	48.9
E846912		1.3	43	4.6	8.4	11	71.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
Account: EIAFRG

CERTIFICATE TR07100557

Project: Werneckes - E

P.O. No.: FRG07-01

This report is for 88 Drill Core samples submitted to our lab in Terrace, BC, Canada on 8-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E846913	1.50	<0.005	0.04	6.79	1.8	3080	0.58	0.07	3.72	<0.02	18.1	7.7	30	0.38	20.2
E846914	2.23	<0.005	0.04	7.24	4.7	1350	0.58	0.12	4.88	<0.02	17.25	15.2	31	0.47	5.5
E846915	1.67	<0.005	0.05	6.82	6.3	220	0.61	0.16	5.76	<0.02	47.6	20.7	24	1.01	2.7
E846916	0.03	<0.005	0.02	0.09	0.3	20	0.05	0.03	0.04	0.02	4.57	1.1	1	0.07	4.6
E846917	2.01	<0.005	0.11	7.21	14.5	350	0.89	0.48	5.75	<0.02	95.1	21.8	31	0.9	6.6
E846918	1.79	<0.005	0.1	6.83	7.6	330	0.55	0.13	6.36	<0.02	63.2	20.3	31	0.32	3.5
E846919	1.88	<0.005	0.12	7.21	16.5	150	0.85	0.33	5.77	<0.02	93	62.8	32	0.42	4.7
E846920	1.57	<0.005	0.1	6.83	21.1	70	0.77	0.38	6.59	<0.02	133.5	82.6	27	0.35	5.3
E846921	1.90	<0.005	0.15	6.49	10.3	260	0.88	0.32	7.42	<0.02	78.6	70.1	29	0.6	8.6
E846922	1.49	<0.005	0.14	6.68	10.2	890	0.79	0.28	7.52	<0.02	60.1	86.6	26	0.36	5.8
E846923	0.84	<0.005	0.19	6.88	16.1	240	0.77	0.57	7.39	<0.02	77.8	110	32	0.33	10.7
E846924	1.18	<0.005	0.14	7.18	21.3	200	0.82	0.54	5.98	<0.02	99.1	134	34	0.31	7.1
E846925	1.73	<0.005	0.13	6.08	16.3	130	0.52	0.32	7.62	0.02	147	73.1	27	0.35	5.1
E846926	1.85	0.006	0.22	5.13	34.5	40	0.49	1.51	8.1	<0.02	161.5	95.4	23	0.32	7.2
E846927	2.51	0.033	0.56	0.62	270	10	0.21	8.09	15.1	<0.02	10.05	169	3	0.14	10.4
E846928	2.04	0.022	0.53	1.01	295	20	0.15	8.27	14.25	0.02	7.84	128	3	0.24	9.3
E846929	2.42	<0.005	0.17	0.71	35	10	0.18	1.58	17.65	<0.02	9.2	20.6	2	0.27	5.3
E846930	2.08	<0.005	0.1	1.07	23	30	0.25	1.3	18.55	<0.02	8.91	18.7	2	0.44	2.7
E846931	2.76	<0.005	0.06	0.55	17	10	0.23	0.81	17.9	<0.02	8.84	9.2	2	0.3	3
E846932	2.56	<0.005	0.15	0.5	41	10	0.27	2.63	13.95	0.02	7.41	26.3	5	0.26	4.6
E846933	1.97	<0.005	0.05	7.33	4.5	100	0.34	0.1	4.23	<0.02	83	10.7	39	0.24	1.4
E846934	1.64	0.005	0.33	0.38	81	30	0.18	3	15.85	0.02	6.37	34.4	4	0.22	9.7
E846935	0.06	0.989	37.7	4.32	1260	480	0.75	33.6	6.51	0.63	23.8	43.9	249	1.03	4180
E846936	3.12	0.005	0.28	0.71	54	20	0.23	2.96	15.05	<0.02	6.65	38.2	3	0.27	16.7
E846937	2.66	<0.005	0.32	0.63	45	10	0.23	3.32	15.8	0.02	8.41	27.3	2	0.38	45.9
E846938	2.40	0.006	0.23	0.91	80	30	0.22	3.5	14.95	0.02	6.18	49.7	3	0.27	6.2
E846939	2.60	<0.005	0.06	0.77	23	20	0.2	1.05	16.45	<0.02	7.36	25.1	2	0.3	8.6
E846940	2.07	<0.005	0.07	0.68	24	20	0.2	0.76	16.5	0.02	8.24	17.8	3	0.33	58.9
E846941	2.59	<0.005	0.28	1.25	30	150	0.24	2.28	15.7	0.03	8.28	42.5	2	0.33	12.6
E846942	2.20	<0.005	0.23	0.83	37	40	0.32	2.71	15.8	<0.02	10.85	43.4	3	0.18	6.2
E846943	2.02	0.008	0.2	1.56	41	10	0.34	2.73	14.8	<0.02	9.97	48	4	0.21	3.9
E846944	1.39	<0.005	0.14	1.8	27	70	0.47	1.25	14.45	0.02	16.05	38.6	6	0.4	2.7
E846945	0.63	<0.005	0.11	1.09	22	300	0.29	1.04	16.15	0.02	12.15	32.9	3	0.25	2.7
E846946	1.72	0.013	0.3	4.98	15.9	150	1.14	0.64	7.26	<0.02	82.8	33.3	25	1.14	5
E846947	2.12	0.005	0.19	6.6	7.9	40	0.88	0.37	6.43	<0.02	122	28.2	34	0.62	2.9
E846948	1.94	<0.005	0.1	7.17	4.6	40	1.04	0.31	4.63	<0.02	101	40.7	30	0.74	2
E846949	1.63	<0.005	0.05	6.66	8.1	80	0.85	0.15	4.65	<0.02	99.8	22	37	0.58	1
E846950	0.03	<0.005	0.03	0.07	<0.2	10	<0.05	<0.01	0.03	0.02	2.78	0.1	1	<0.05	1.3
E846951	2.15	<0.005	0.07	6.03	20.2	810	0.45	0.26	5.34	<0.02	38.3	36.7	32	1.17	1.7
E846952	2.17	<0.005	0.2	0.97	56	20	0.23	3.03	14.35	<0.02	6.55	31.9	4	0.27	51.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846913	2.16	18.25	0.07	2.4	0.033	0.14	9.3	11.8	1.43	3200	2.3	5.61	5.4	8.4	710
E846914	2.94	17.1	0.08	2.6	0.033	0.19	9.2	15	2.13	4110	1.81	5.2	5.9	13.3	720
E846915	3.08	16.6	0.13	2.1	0.047	0.45	25.7	45.7	2.4	5990	3.99	4.28	4.8	9.6	730
E846916	0.04	1.02	0.09	0.9	<0.005	0.01	2.5	5.2	0.02	29	0.41	0.02	0.3	1.4	20
E846917	4.05	21	0.18	2.4	0.05	0.38	52.1	42.1	2.74	5670	6.14	4.65	5.8	20.9	740
E846918	3.99	19.45	0.14	2.3	0.043	0.13	34.2	18.4	2.8	5400	2.83	4.9	5.4	17.3	640
E846919	4.21	20.7	0.18	2.3	0.177	0.14	52.8	24.8	2.58	4950	4.39	5	7.2	21.1	710
E846920	5.05	19.8	0.2	2	0.057	0.14	74.9	20.8	2.92	5440	3.1	4.65	5.5	24.4	660
E846921	4.32	20.5	0.15	2	0.072	0.42	43.2	25.3	3.05	5920	4.11	4.21	5.6	28.8	610
E846922	5.25	17.5	0.14	2	0.056	0.19	34.1	19.1	3.36	6670	4.19	4.38	3.8	30.1	590
E846923	5.33	17.6	0.15	2.1	0.06	0.42	44.4	15.1	3.12	5680	4.6	4.38	3.8	38.7	620
E846924	4.63	17.55	0.15	2.4	0.057	0.23	56.1	12.3	2.61	4900	5.09	5.09	5	29.3	690
E846925	5.51	15.5	0.18	2	0.076	0.19	89	14.9	3.23	6780	4.57	3.89	3.3	26.8	640
E846926	5.14	12.8	0.18	1.5	0.077	0.16	95.8	18.2	3.52	7800	7.52	3.1	2.4	35.6	490
E846927	8.7	2.14	0.15	0.5	0.097	0.06	4.8	8.3	7.28	7080	9.9	0.18	0.6	43.4	310
E846928	9.82	2.09	0.15	0.6	0.057	0.14	3.5	5.3	6.84	7120	12.5	0.46	0.7	43.5	350
E846929	4.16	1.76	0.09	0.4	0.064	0.15	4	5.8	8.98	8390	6.34	0.23	0.6	8.4	600
E846930	4.63	2.42	0.1	0.5	0.093	0.26	3.8	21.6	9.27	10600	5.13	0.11	0.6	8	560
E846931	3.44	1.62	0.07	0.3	0.057	0.16	4	8.3	9.23	7110	3.29	0.06	0.4	4.4	230
E846932	4.11	1.67	0.08	0.3	0.072	0.11	3.2	10.8	6.99	7650	5.88	0.06	0.4	9.7	680
E846933	5.5	19.05	0.12	2.1	0.017	0.13	47.2	8	1.97	3210	0.8	5.56	3.1	18.8	680
E846934	4.9	1.23	0.1	0.2	0.057	0.09	2.8	4.2	7.94	7400	23.9	0.11	0.3	12.3	440
E846935	4.24	14.35	0.41	0.6	0.153	1.36	16.9	13.9	0.8	1760	701	0.66	1.7	22.9	550
E846936	4.08	1.86	0.08	0.3	0.076	0.11	2.8	7.2	7.73	7230	20.2	0.31	0.5	12.3	500
E846937	4.63	1.61	0.1	0.3	0.087	0.21	3.8	7	8.03	7550	5.09	0.09	0.4	8.7	790
E846938	4.75	1.98	0.08	0.4	0.064	0.13	2.5	9.3	7.69	7460	6.22	0.36	0.5	15	540
E846939	3.98	2.03	0.09	0.4	0.07	0.17	3	5.9	8.32	8370	4.47	0.28	0.4	8.5	430
E846940	4.27	1.78	0.08	0.4	0.116	0.15	3.4	5.3	8.06	9570	3.42	0.26	0.4	7.6	280
E846941	5.08	2.7	0.08	0.7	0.122	0.16	3.5	8.6	7.91	9220	7.35	0.61	1.1	15.8	240
E846942	5.46	2.35	0.1	0.4	0.133	0.06	4.8	12.9	8.28	8310	9.5	0.27	0.7	19.8	200
E846943	5.78	4.04	0.09	0.9	0.117	0.09	4.6	18.2	7.82	7860	14.8	0.68	1.1	26.4	740
E846944	5.5	5.11	0.09	0.8	0.142	0.31	8.3	23.3	7.65	8490	8.9	0.44	1.3	21.7	500
E846945	5.15	2.9	0.09	0.5	0.139	0.17	6	13.7	8.39	9000	11.65	0.31	0.7	14.1	430
E846946	5.94	12.6	0.14	1.4	0.124	1.45	53.4	31.6	3.5	7060	11.6	1.51	5.4	27.3	1030
E846947	4.93	16.85	0.14	2.2	0.064	0.22	75.4	36.7	3.03	6370	9.9	3.99	6.7	25.1	870
E846948	3.24	18.25	0.12	2.4	0.039	0.47	58.8	25.7	2.16	4720	12.1	4.42	6.2	21.1	710
E846949	4.69	17.85	0.14	2.1	0.038	0.55	56.7	18.9	2.17	4720	3.56	4.06	5.6	24.2	630
E846950	0.04	0.15	<0.05	0.8	<0.005	0.01	1.6	2.3	0.01	25	0.37	0.01	0.2	1	10
E846951	6.88	13.65	0.14	1.6	0.053	4.24	21.4	28.1	2.51	6300	4.77	1.07	2.8	35.7	600
E846952	4.62	2	0.07	0.5	0.079	0.1	2.9	14.9	7.19	7960	22.3	0.41	1	14.5	490

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846913	1.9	4	<0.002	0.1	1.15	4.7	1	2.6	49.8	0.43	<0.05	12.8	0.128	0.03	1.3
E846914	1.6	10	<0.002	0.09	1.26	7.3	1	2.8	41.7	0.51	<0.05	14.8	0.178	0.04	2.2
E846915	1.4	24.1	<0.002	0.07	1.14	5.8	1	1.7	27.8	0.38	<0.05	14.3	0.12	0.11	2.3
E846916	2.9	1.1	<0.002	0.01	0.09	0.4	1	0.3	3.7	<0.05	<0.05	1	0.007	0.02	0.4
E846917	2.4	20.7	<0.002	0.36	1.73	11.3	2	2.3	29.8	0.47	<0.05	15.6	0.142	0.11	3.4
E846918	2	6.5	<0.002	0.2	1.45	11.5	1	1.4	34.5	0.45	<0.05	14.2	0.134	0.04	3
E846919	2.4	6.6	<0.002	0.38	1.56	10.9	2	2.2	34.6	0.58	<0.05	15.6	0.173	0.05	3.1
E846920	2.5	7.8	<0.002	0.52	1.41	15.5	2	2.2	34	0.45	0.05	15.2	0.138	0.05	2.8
E846921	2.8	22.1	<0.002	0.55	1.78	13.5	2	2.9	39.4	0.46	0.08	12.8	0.156	0.08	2.9
E846922	6	6.9	<0.002	0.62	1.47	10.1	2	1.8	39.3	0.36	0.13	13	0.14	0.04	3
E846923	3.4	13.6	<0.002	1.12	2.11	11	2	2.1	36	0.37	0.13	13.7	0.156	0.06	2.6
E846924	2.6	7.3	<0.002	1.07	1.63	10.8	2	2	31.8	0.46	0.14	14.6	0.176	0.04	2.9
E846925	2	8.5	<0.002	0.65	1.02	8.7	2	1.6	31.2	0.28	0.06	11.4	0.111	0.05	2.4
E846926	3.5	6.9	<0.002	1.14	1	7.5	2	1.2	29.9	0.21	0.09	9.6	0.096	0.65	3.7
E846927	13.6	2.8	<0.002	4.74	1.31	2.6	2	0.3	55.3	<0.05	0.37	1.5	0.012	2.16	3.9
E846928	15	6.6	<0.002	5.49	1.17	2.1	2	0.2	51.2	<0.05	0.23	2	0.014	2.09	4.1
E846929	6.1	7.1	<0.002	0.44	0.46	1.9	1	<0.2	57.8	<0.05	<0.05	1.4	0.011	0.95	2.5
E846930	3.2	11.5	<0.002	0.47	0.34	2	2	0.2	60.1	<0.05	<0.05	1.8	0.012	0.48	2.4
E846931	2.4	8.3	<0.002	0.27	0.28	1.6	1	<0.2	59.4	<0.05	<0.05	1.1	0.006	0.46	2.5
E846932	9.1	5.6	<0.002	0.58	0.61	1.8	2	0.2	51.4	<0.05	0.05	1.2	0.007	1.23	3.1
E846933	2.2	3.4	<0.002	0.09	1.02	9.8	1	2.7	20.3	0.32	<0.05	14.3	0.187	0.04	3.2
E846934	19.1	4.6	<0.002	0.45	0.56	2.1	2	0.2	60.7	<0.05	0.06	1.4	0.005	1.56	7.5
E846935	68.1	37.6	0.074	0.71	86	6.9	4	4	278	0.11	3.64	1.6	0.115	0.2	2.5
E846936	8.8	5.4	<0.002	0.37	0.71	1.7	2	0.2	60.5	<0.05	<0.05	1.4	0.009	1.3	5.5
E846937	16.8	10.8	<0.002	0.64	0.7	1.6	2	0.2	59.3	<0.05	0.05	1.4	0.007	3.4	4.9
E846938	10.2	6.1	<0.002	1.1	0.55	1.7	1	0.2	57.3	<0.05	0.07	1.5	0.009	1.87	3.2
E846939	3.1	9.2	<0.002	0.56	0.35	1.7	2	<0.2	66.1	<0.05	<0.05	1.1	0.007	0.58	2.1
E846940	3.5	7.3	<0.002	0.48	0.38	2.1	1	<0.2	58.2	<0.05	<0.05	1	0.007	0.46	1.6
E846941	5.7	8.7	<0.002	1.07	0.7	2.4	1	<0.2	56.6	0.06	0.07	1.9	0.019	0.57	2.7
E846942	5.9	3.1	<0.002	1.2	0.42	2.4	1	<0.2	58.3	<0.05	0.07	1.1	0.01	0.39	3.2
E846943	4.9	4.3	<0.002	1.18	0.45	2.7	2	<0.2	57.8	0.06	<0.05	2.4	0.018	0.41	4.5
E846944	4.5	16.7	<0.002	0.87	0.49	3.2	1	0.2	49.7	0.08	<0.05	3	0.026	0.32	3.2
E846945	4.1	8.4	<0.002	0.73	0.33	2.4	1	<0.2	59.8	<0.05	<0.05	1.5	0.011	0.24	3.1
E846946	5.8	67	0.002	0.66	1.08	8.3	2	2.7	24.6	0.3	0.25	10.4	0.114	0.36	3.7
E846947	2.4	10.9	0.002	0.35	1.27	11.9	2	8.1	31.7	0.47	0.18	12.9	0.141	0.05	7.4
E846948	1.7	24.7	0.002	0.39	1.27	10.2	2	4.5	26.4	0.49	0.08	13.7	0.149	0.1	4.1
E846949	1.8	27.5	<0.002	0.25	1.22	13.4	1	3.9	22.2	0.46	<0.05	13.3	0.186	0.1	3.5
E846950	1.1	0.4	<0.002	0.01	0.06	0.2	1	<0.2	2	<0.05	<0.05	0.4	0.006	<0.02	0.5
E846951	4.2	106	<0.002	0.53	1.15	11.8	1	2.5	24.1	0.26	<0.05	12	0.163	0.56	3.1
E846952	7.2	5.1	<0.002	0.56	0.55	2.2	1	0.2	51	0.05	0.05	1.3	0.015	1.3	3.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E846913		25	4.1	7.8	6	79.6
E846914		43	5	9.7	8	85.3
E846915		23	4.2	12.4	8	72.7
E846916		1	0.2	2.3	4	27.6
E846917		58	4.6	17.4	14	80.7
E846918		49	3.6	16.9	11	76.7
E846919		54	5.2	17.4	10	79.7
E846920		58	5	19	10	70
E846921		54	4.1	23.6	17	67.7
E846922		46	3.8	15.7	19	64.9
E846923		52	4.5	19.1	25	69.1
E846924		51	5.2	17.5	16	77.3
E846925		63	4.1	17	21	66.7
E846926		45	2.7	16	21	52.2
E846927		20	0.9	10.1	9	16.9
E846928		16	1	9.2	9	25.4
E846929		11	0.9	8.6	8	15.7
E846930		12	0.8	8.3	10	17
E846931		8	0.5	5.9	6	9.8
E846932		9	0.6	8.4	11	12.5
E846933		72	3.4	11.2	10	69.9
E846934		9	0.4	7.4	7	8.7
E846935		60	15.1	10.3	106	21.7
E846936		9	0.7	7.3	8	12.4
E846937		9	0.5	7.3	7	11.9
E846938		11	0.7	7	11	15.2
E846939		10	0.5	9.5	7	13.6
E846940		14	0.5	10.1	8	11.9
E846941		17	1.3	11.9	19	24.1
E846942		17	0.7	12.3	13	13.4
E846943		18	1.1	12.5	13	29.3
E846944		26	1.5	12.9	14	28.8
E846945		17	0.7	12.1	11	15.9
E846946		85	6.8	17.5	17	48.5
E846947		91	10.9	17.8	15	73.7
E846948		56	6.9	15.5	10	80.7
E846949		76	5.4	13.6	9	70.3
E846950		3	<0.1	1.8	3	26.4
E846951		72	4.1	10.8	17	56.7
E846952		14	1.3	9.9	10	17.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E846953	2.25	<0.005	0.08	6.92	23.7	3340	0.34	0.41	5.25	<0.02	91.4	39.7	36	0.27	1.5
E846954	2.08	<0.005	0.09	6.87	20	100	0.36	0.51	5.47	<0.02	174	40.6	39	0.19	2
E846955	1.30	<0.005	0.08	5.93	25.9	90	0.36	0.61	5.12	<0.02	63.6	45.8	30	0.26	1.7
E846956	0.06	0.971	37.9	4.39	1300	540	0.85	31.7	6.61	<0.02	23.1	41.9	285	1.06	4300
E846957	1.78	0.026	0.47	6.19	5.7	160	0.62	0.35	7.21	<0.02	76.2	15.9	28	0.65	3.4
E846958	2.43	<0.005	0.08	6.63	1.8	100	0.97	0.04	7.04	<0.02	45.8	8.6	27	0.5	3
E846959	1.19	<0.005	0.03	6.63	1	80	0.92	0.14	5.68	<0.02	65.1	7.9	30	0.51	1.7
E846960	0.03	<0.005	0.02	0.06	<0.2	20	<0.05	0.01	0.02	<0.02	2.57	0.2	1	<0.05	1.3
E846961	2.61	<0.005	0.08	6.7	18.1	330	1.89	0.75	4.94	<0.02	97.8	33	37	1.4	2.7
E846962	1.94	<0.005	0.07	5.86	20.4	220	1.79	0.59	5.67	<0.02	75.3	37.9	33	1.24	3.8
E846963	2.58	<0.005	0.05	6.42	7.5	520	2.06	0.18	4.9	<0.02	74.9	15.5	34	1.66	1.5
E846964	1.27	<0.005	0.05	7.14	6.2	300	2.74	0.11	3.78	<0.02	103	7.4	39	3.02	3.5
E846965	2.50	<0.005	0.05	7.74	6	460	3.66	0.2	3.22	<0.02	105.5	9	51	2.23	4.9
E846966	2.33	<0.005	0.06	6.29	9.1	390	2.47	0.31	4.61	<0.02	71.5	15.6	35	1.57	6.3
E846967	3.54	<0.005	0.1	6.84	24.4	380	2.4	0.9	5.18	<0.02	97.9	40.2	34	2.1	4.2
E846968	0.04	<0.005	0.02	0.06	<0.2	10	<0.05	0.01	0.02	0.02	2.46	0.1	1	<0.05	1.1
E846969	1.86	<0.005	0.09	6.21	8.4	330	1.87	0.39	4.24	<0.02	71.8	15.1	36	1.23	11
E846970	1.12	<0.005	0.11	7.26	4	1260	3.99	0.28	3.71	<0.02	81.8	5.8	47	2.14	475
E846971	1.87	<0.005	0.08	7.89	4.4	690	3.62	0.14	2.38	<0.02	77.9	7.6	52	2.17	4.3
E846972	1.77	<0.005	0.06	6.95	4.6	490	2.4	0.15	4.1	<0.02	79	9.8	40	1.49	24.8
E846973	2.33	<0.005	0.1	6.83	15.9	400	2.71	0.4	5.46	<0.02	100.5	23.1	35	1.89	11.3
E846974	1.42	<0.005	0.14	6.89	11.3	430	2.9	0.27	5.93	<0.02	85.1	18.8	38	3.36	15.8
E846975	1.93	<0.005	0.12	7.07	8	550	3.02	0.12	4.65	<0.02	108.5	8.4	42	2.8	21.5
E846976	2.55	<0.005	0.08	7.65	3.5	580	4.44	0.11	2.86	<0.02	90.4	7.5	51	4.17	4.9
E846977	2.48	<0.005	0.05	6.8	4.4	520	2.46	0.11	3.94	<0.02	83.5	9.3	38	2.04	5.8
E846978	1.20	<0.005	0.11	7.23	19	460	2.94	0.5	4.78	<0.02	129	30.4	37	3.29	38
E846979	2.16	<0.005	0.09	7.11	14	390	2.89	0.39	4.51	<0.02	58.7	31.1	39	3.99	2.6
E846980	0.99	<0.005	0.13	5	3.2	90	1.06	0.04	7.87	<0.02	31.9	11.2	23	1.38	3.4
E846981	1.95	<0.005	0.2	5.14	1.8	60	0.56	0.04	6.99	<0.02	53.3	5.8	25	0.44	5
E846982	0.84	0.098	0.87	2.88	16.8	60	0.59	0.18	9.21	<0.02	341	5.9	15	0.44	9.5
E846983	2.71	0.025	0.54	5.12	8.8	60	0.63	0.24	7.65	<0.02	135	6.5	24	0.5	11.6
E846984	1.93	0.016	0.58	6.39	13.8	100	0.76	0.31	5.69	<0.02	200	65.5	30	0.4	5.1
E846985	3.20	0.018	0.64	2.67	20	50	0.29	0.29	11.2	<0.02	486	62.4	13	0.43	7.6
E846986	2.47	0.012	0.71	2.15	18	100	0.57	0.31	9.91	0.02	345	95.5	9	0.59	4.5
E846987	3.53	0.058	1.04	1	18	880	0.23	2.13	15.15	<0.02	460	41.9	4	0.47	13.6
E846988	1.83	0.079	1.76	2.19	10.6	180	0.5	1.52	9.49	<0.02	>500	84.4	8	0.26	6.7
E846989	2.48	0.069	0.74	3.84	9.3	50	0.53	1.94	8.45	<0.02	494	35.7	19	0.27	5.3
E846990	1.63	0.009	0.19	0.07	11	190	0.16	2.7	8.29	<0.02	>500	10	<1	0.07	14.7
E846991	3.00	0.012	0.25	0.13	25	380	0.19	1.12	11.25	<0.02	490	46.65	<1	0.15	4.8
E846992	3.20	0.015	0.33	1.32	12	130	0.35	0.81	10.5	<0.02	443	64.1	11	0.25	3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846953	5.03	17.65	0.13	2	0.026	0.13	51.8	9.9	2.39	4230	1.54	5.21	5.4	39.4	680
E846954	5	18.9	0.17	1.9	0.027	0.09	99.7	15.2	2.67	4330	2.05	4.81	7.7	48.5	660
E846955	4.28	14.6	0.11	1.9	0.028	0.15	36.2	6.3	2.21	4510	3.92	4.27	5.2	34.3	600
E846956	4.42	12.65	0.15	0.6	0.178	1.44	17	17.1	0.81	1800	736	0.67	1.7	21.2	550
E846957	2.87	14.75	0.1	2.1	0.053	0.48	42.4	10.6	3.19	5900	7.37	3.97	4.7	17.4	640
E846958	2.34	15.3	0.08	2.2	0.049	0.64	24.1	8.4	3.26	4440	1.71	4.22	5.6	20.8	650
E846959	1.9	15.6	0.08	2.1	0.038	0.63	36.1	8	2.56	3960	2.95	4.25	7.2	14.6	630
E846960	0.04	0.11	<0.05	0.8	<0.005	0.01	1.5	2.1	<0.01	9	0.07	0.01	0.1	0.3	10
E846961	4.29	18.1	0.14	2.2	0.077	1.75	53.8	20.1	2.31	4030	2.72	2.79	6.6	29.5	630
E846962	4.85	14.1	0.13	1.9	0.08	1.79	41.9	17.4	2.59	4600	5.19	2.19	4.4	35.8	560
E846963	5.17	15.3	0.12	1.9	0.076	1.91	41.7	18.6	2.24	3930	2.55	2.28	4.2	26.9	610
E846964	4.96	19	0.13	2.2	0.085	2.43	56.2	26.7	1.55	3100	10.45	2.1	5.2	25.2	730
E846965	4.64	24.9	0.16	2.4	0.097	3.48	54.1	30.9	1.65	2460	1.71	1.73	6.3	30.8	660
E846966	4.22	16.35	0.13	1.9	0.079	2.39	39.9	21.5	2.1	3510	2.1	1.63	5.5	30	580
E846967	4.64	17.15	0.14	2	0.092	2.34	54.1	22.1	2.41	4150	2.02	1.96	5	44.6	660
E846968	0.03	0.11	<0.05	0.8	<0.005	0.01	1.4	2.2	0.01	11	0.07	0.01	0.1	0.3	20
E846969	4.4	15.2	0.12	2	0.062	1.82	40.5	16	1.95	3310	1.16	2.32	5.1	27.6	610
E846970	4.59	26.6	0.13	2.3	0.126	3.95	40.6	33	1.59	2550	1.44	1.13	6.1	30.7	690
E846971	4.92	25	0.14	2.3	0.094	3.7	40.3	29.1	1.28	1700	1.48	1.59	4.9	31.5	650
E846972	5	17.6	0.13	2	0.077	2.58	43.7	18.9	1.85	3120	0.78	2.18	4.3	26.8	630
E846973	4.46	18.55	0.14	1.9	0.117	2.48	55.2	24.2	2.54	4500	1.21	1.68	5.1	28.7	620
E846974	4.41	18.8	0.12	2	0.118	2.87	47.1	29.1	2.66	4770	2.08	1.46	6	33.2	640
E846975	4.85	19.05	0.15	2.1	0.099	2.72	59.5	28.9	2.13	3780	1.53	1.6	6	26.9	670
E846976	5.45	25.5	0.14	2.2	0.127	3.81	44.7	37.9	1.46	2470	1.47	1.23	6.4	28.4	730
E846977	5.13	17.2	0.13	1.9	0.092	2.44	46	22	1.76	3390	1.34	1.94	4.8	21.1	650
E846978	4.65	19.8	0.16	1.9	0.133	2.83	72.5	28.3	2.26	4530	4.59	1.36	5.8	31.1	680
E846979	4.85	20.6	0.12	2.1	0.109	2.57	33	29.2	2.12	4320	5.99	1.74	5.1	29	670
E846980	3.74	11.4	0.08	1.7	0.049	0.64	17.2	22.5	3.84	6320	9.69	2.52	4.6	15.4	540
E846981	3.03	11.15	0.07	1.9	0.032	0.3	32.9	9.7	2.87	5180	6.92	3.31	8	10.2	790
E846982	6.11	12.75	0.27	1.1	0.044	0.37	214	11.4	4.6	4990	11.85	1.48	21.5	24.4	2430
E846983	3.33	13.15	0.13	1.7	0.042	0.36	84.9	11.4	3.38	5510	36.4	3.2	9.1	12.5	910
E846984	3.97	16.45	0.16	2.1	0.036	0.46	132.5	9.1	2.4	4120	53.2	4.2	11.9	25	1220
E846985	5.49	6.62	0.28	0.9	0.04	0.08	315	5.5	4.73	6850	33.5	1.82	9	21.5	1010
E846986	7.72	8.78	0.26	0.8	0.072	0.35	230	8.5	5.57	8470	38.3	1.04	10.9	23.6	1380
E846987	7.9	4.71	0.35	0.4	0.089	0.05	363.5	9.7	5.96	10550	96.5	0.54	12	12.6	1400
E846988	10.2	8.8	0.44	0.8	0.14	0.14	472	11.3	5.3	6150	95.75	1.14	9.6	24.1	1950
E846989	7.7	13.3	0.32	1.2	0.097	0.14	344	11	4.21	3940	49.3	2.38	9.6	17.7	1820
E846990	23.6	3.42	0.59	0.1	0.63	0.01	880	1	3.7	3810	14.55	0.03	13.4	5.1	1810
E846991	14.4	2.42	0.4	0.2	0.456	0.01	378	2.4	5.24	5820	55	0.02	7.2	13.2	1260
E846992	19.15	5.45	0.36	0.5	0.201	0.02	315	7.7	4.52	6030	26.1	0.81	18.7	22.05	2860

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846953	2.6	5.1	0.002	0.69	1.28	11.4	2	2.7	42.5	0.45	0.05	13.4	0.189	0.03	3.5
E846954	1.9	3.1	<0.002	0.6	1.51	11.9	1	3	21.4	0.63	<0.05	14.1	0.216	<0.02	3.4
E846955	1.9	6.7	<0.002	0.76	1.2	8.7	1	2.4	21	0.43	<0.05	12.2	0.176	0.03	3.8
E846956	70	35.4	0.05	0.72	87	6.1	4	4.7	281	0.09	3.57	1.4	0.117	0.11	2.4
E846957	1.7	25.3	<0.002	0.1	1.32	9.9	1	1.9	27	0.38	0.45	12.7	0.125	0.08	4.2
E846958	1.6	36.3	<0.002	0.01	1.67	11.4	1	2.9	27.1	0.44	<0.05	13.2	0.142	0.06	3
E846959	1.1	34.3	<0.002	0.01	1.65	10	1	2.6	23.8	0.57	<0.05	12.9	0.171	0.08	2.6
E846960	0.7	0.2	<0.002	0.02	<0.05	0.3	1	<0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02	0.3
E846961	1.5	103	0.013	0.5	1.49	11.7	1	4.5	19.2	0.59	<0.05	12.9	0.227	0.19	4.2
E846962	1.4	97.7	0.003	0.63	1.16	9.1	1	3.2	19.2	0.41	<0.05	11.1	0.203	0.19	4.6
E846963	1	111	<0.002	0.18	1.06	9.8	1	3.1	19.8	0.4	<0.05	12	0.204	0.24	3
E846964	1.7	143.5	0.002	0.06	1.51	12.4	1	3.5	17.1	0.45	<0.05	13.5	0.221	0.36	4.4
E846965	1.2	181.5	<0.002	0.18	1.21	14.4	1	4.7	12.5	0.57	<0.05	13.4	0.272	0.39	3.8
E846966	1	136.5	<0.002	0.27	1.02	9.6	1	3.2	15.7	0.46	0.06	11.5	0.209	0.27	3.3
E846967	1.8	137	0.002	0.7	1.28	11.2	1	3.8	19	0.46	0.07	12.7	0.222	0.28	4.6
E846968	0.6	0.3	<0.002	0.01	<0.05	0.2	1	<0.2	1.9	<0.05	<0.05	0.3	0.005	<0.02	0.3
E846969	1.6	108	<0.002	0.26	1.22	9.6	1	2.9	17.2	0.44	<0.05	12	0.205	0.23	3.2
E846970	1.6	188.5	0.002	0.17	1.42	14.2	1	5.4	25	0.51	0.06	12	0.258	0.5	3.4
E846971	1.1	189	<0.002	0.12	1.24	15.1	1	4.9	13.6	0.43	0.08	13.3	0.273	0.44	3.3
E846972	0.9	136.5	<0.002	0.15	1.11	11.5	1	3.2	17.6	0.38	0.06	13.1	0.235	0.29	3.5
E846973	1.8	155	0.005	0.5	1.16	12.4	1	3.7	18.6	0.44	0.07	12.4	0.206	0.34	4.9
E846974	1.6	156.5	<0.002	0.31	1.22	11.7	1	3.8	24	0.5	0.07	12.3	0.244	0.39	3.4
E846975	1.4	161	<0.002	0.18	1.19	12.1	1	4	19.8	0.53	0.08	13.5	0.251	0.4	3.3
E846976	1	182.5	<0.002	0.07	1.11	14.2	1	5.5	13.5	0.55	0.06	11.6	0.29	0.56	2.1
E846977	0.8	127	<0.002	0.11	1.05	10.2	1	3.8	17.8	0.41	<0.05	12.3	0.231	0.36	2.4
E846978	1.7	155	<0.002	0.56	1.4	11.1	1	5	18.2	0.48	0.06	13	0.227	0.43	3.3
E846979	1.3	138.5	<0.002	0.35	1.37	12.6	1	6.5	19	0.45	0.06	13.1	0.222	0.46	3
E846980	1.6	32.5	<0.002	0.17	1.14	6.6	1	5.6	33.1	0.34	<0.05	9.6	0.121	0.15	4.3
E846981	1.3	14.3	<0.002	0.09	1.11	6.6	1	6.2	39.4	0.42	0.12	10.1	0.118	0.08	6.1
E846982	3	19.5	0.004	0.85	1.95	6.1	2	14.6	30.3	0.24	0.94	7	0.065	0.08	6.1
E846983	3.3	18.6	0.01	0.41	1.41	8.5	2	11.4	34	0.41	0.36	9.7	0.115	0.1	5.8
E846984	3.8	20.2	0.006	1.39	2.08	9.6	3	11.1	34.9	0.65	0.6	12.3	0.156	0.12	6.2
E846985	3.8	3.5	0.005	1.02	1.07	4.3	4	4.5	56.1	0.27	0.57	6.8	0.066	0.08	7.1
E846986	2.8	18	0.004	1.58	0.79	7.4	7	10	82	0.31	0.81	4.9	0.05	0.19	3.6
E846987	3.5	3.1	0.028	0.93	1.01	3.4	6	4.3	87.5	0.21	2.93	4.1	0.031	0.11	4.6
E846988	2.8	7	0.011	4.67	0.88	2.9	11	10.1	46.3	0.25	2.78	5.4	0.034	0.07	5.6
E846989	2.9	4.1	0.019	0.83	1.09	5.2	8	8	38	0.23	2.36	8.5	0.045	0.04	11.9
E846990	2.3	0.3	0.005	0.1	0.55	0.2	3	30	38	<0.05	1.49	0.6	<0.005	<0.02	2.9
E846991	2.7	0.5	0.026	0.76	0.67	0.8	5	4.9	55.4	0.07	0.61	1.6	0.006	0.03	2.2
E846992	2.6	0.7	0.011	1.25	1.63	2.6	3	6.2	55.6	0.23	0.76	5.2	0.032	0.03	6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E846953		56	4.5	14.4	8	64.7
E846954		64	5.8	16.1	12	63.5
E846955		45	5.2	12.8	6	62.4
E846956		61	15.3	9.6	111	21.1
E846957		35	4.1	15.4	8	69.2
E846958		42	3.5	13	4	71.6
E846959		36	4.3	13.3	4	72.8
E846960		<1	<0.1	1.7	3	25.5
E846961		72	7.6	16.3	4	74.4
E846962		57	7.7	13.9	4	64
E846963		59	5	13.5	3	64
E846964		67	4.3	16.1	4	75.3
E846965		89	6	14.9	3	79.3
E846966		58	6.1	15	3	65.4
E846967		64	10.5	16.9	4	66.6
E846968		<1	<0.1	1.8	2	26.7
E846969		55	5	13.9	3	67.3
E846970		82	5.4	15.5	4	76.4
E846971		85	5.3	12.4	2	76.5
E846972		70	4.7	13.6	2	68.6
E846973		64	8.1	17	5	65.2
E846974		70	7.6	16.3	6	68.2
E846975		68	6	15.6	4	72.7
E846976		85	5.6	13.5	3	74.9
E846977		63	4.3	13.9	2	66
E846978		68	9.4	17.2	4	66.2
E846979		70	8.7	14.9	5	69.2
E846980		55	9.1	16.3	23	58
E846981		53	11.1	15.1	14	63.6
E846982		106	7.2	36.2	14	38.8
E846983		94	13	19.8	16	57.5
E846984		128	21.1	17.4	12	71.3
E846985		84	16	16.1	12	32.2
E846986		82	9.6	16.6	16	24.3
E846987		54	7.5	24	17	14.3
E846988		38	6.4	49.8	21	25.1
E846989		61	9.9	43.2	21	37.3
E846990		8	8.9	22.6	9	1
E846991		15	4	39.8	12	3.7
E846992		262	14.6	29.8	22	15.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E846993		0.07	0.937	34.8	4.39	1260	480	0.57	29.1	6.32	0.5	24.3	40.6	275	1.2	4470
E846994		1.95	0.019	0.2	1.85	26	40	0.4	0.37	14.9	<0.02	194	69.9	8	0.48	5.9
E846995		2.14	0.026	0.52	0.82	52	170	0.16	2.53	14.45	<0.02	90	325	2	0.45	10.5
E846996		1.93	0.044	0.61	2.02	27	140	0.28	6.52	11.9	<0.02	480	132.5	13	0.27	415
E846997		2.66	0.008	0.3	6.37	6.7	2470	0.41	0.6	6.17	0.02	150.5	36.8	32	0.29	6.6
E846998		1.86	<0.005	0.49	6.23	33	260	1.33	0.68	4.96	<0.02	138	64.2	30	1	28.6
E846999		2.45	0.005	0.23	6.74	11.3	1920	1.16	0.23	4.75	<0.02	146.5	31.1	33	0.92	74.2
E847000		2.73	0.011	0.24	8.27	46.1	6410	3.66	0.45	1.25	<0.02	85.8	47.7	59	3.17	131.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846993		4.24	12	0.08	0.7	0.206	1.37	16.7	13.8	0.79	1640	719	0.65	1.8	18.7	540
E846994		18.15	8.46	0.26	0.6	0.226	0.06	104.5	14.5	6.24	9430	10.15	1.04	32.8	79.3	3980
E846995		10.05	2.98	0.16	0.2	0.095	0.04	53.6	9	5.9	9780	17.65	0.43	35.9	74.4	3770
E846996		11.45	8.39	0.31	0.8	0.254	0.03	372	23.8	5.28	13000	109.5	0.96	21.9	39.7	2370
E846997		3.13	11.3	0.1	1.9	0.082	0.16	90.1	9.4	2.48	5180	9.7	4.51	9.6	13.8	1190
E846998		3.13	14.8	0.12	2	0.092	0.87	72.1	21.3	2.26	3680	26.4	3.04	9.2	22.8	930
E846999		2.52	16.75	0.11	2.2	0.137	0.83	84.3	21	2.08	5580	9.97	3.7	9.7	14.8	960
E847000		1.43	26.8	0.11	3.6	0.127	3.88	47.1	35	1.02	1240	25.4	0.79	10.1	18.2	610

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846993		63.2	33.8	0.066	0.76	85.1	5.3	5	2.8	284	0.1	3.42	1.4	0.119	0.22	2.2
E846994		3.2	2.9	<0.002	1.17	1.95	2.6	3	9.6	80.6	0.53	0.38	6.2	0.055	0.06	4.8
E846995		4.7	2.8	0.003	5.46	1.18	2.4	7	4.3	73.2	0.52	1.39	4.6	0.03	0.1	3.4
E846996		4.8	1.2	0.039	2.6	1.87	3.7	10	6.4	111.5	0.34	4	5.6	0.062	0.05	16.4
E846997		2.4	8.2	<0.002	0.67	1.21	7.3	2	3	66.5	0.53	0.39	11.6	0.131	0.06	5.6
E846998		2.9	49.8	0.002	0.83	1.48	9.1	3	5.4	221	0.54	0.41	12.7	0.152	0.27	6.6
E846999		1.8	47.1	<0.002	0.36	1.5	10.5	1	5.6	351	0.66	0.2	11.7	0.188	0.22	4.7
E847000		2.1	192	<0.002	0.41	1.36	13.8	2	7.1	150	0.72	0.1	15.4	0.303	0.97	6.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 7-NOV-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07100557

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E846993		58	14.6	10	109	22
E846994		1320	12.7	34.2	23	18.2
E846995		250	9.9	21.3	17	7.2
E846996		302	47.1	28.7	23	26.5
E846997		89	21.9	16.6	8	74.8
E846998		130	19.5	15.8	11	75.4
E846999		133	21.9	15.7	6	75.7
E847000		120	16.9	15.4	5	113.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-NOV-2007
Account: EIAFRG

CERTIFICATE TR07100558

Project: Werneckes - B

P.O. No.: FRG07-01

This report is for 156 Drill Core samples submitted to our lab in Terrace, BC, Canada on 8-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 20-NOV-2007
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Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
B398501	2.80	0.005	0.03	7.43	67.2	870	3.39	0.22	0.15	<0.02	108.5	23.5	59	2.7	89.6
B398502	3.35	<0.005	0.02	6.6	27	2470	2.66	0.47	0.09	<0.02	83.9	13.6	52	2.06	12.1
B398503	2.36	<0.005	0.02	8.6	17.7	460	2.86	0.69	0.07	<0.02	91.1	19.9	60	2.13	14.7
B398504	3.02	0.006	0.11	9.34	23.6	2940	3.64	1.1	0.09	<0.02	125.5	20.9	51	3.12	26.8
B398505	2.49	<0.005	0.1	6.79	28.7	410	2.59	2.05	0.04	<0.02	74.3	23.1	37	1.94	22.4
B398506	2.61	0.007	0.24	5.97	44.7	280	2	3.06	1.68	<0.02	20.1	48.5	34	1.78	163
B398507	2.53	0.009	0.2	6.96	43.3	430	2.49	3.75	3.19	<0.02	102	59.8	32	2.02	107
B398508	2.74	0.005	0.16	6.8	24.4	310	2.72	3.32	3.26	<0.02	78.5	27	30	1.98	170.5
B398509	2.94	<0.005	0.04	6.5	33.7	430	2.96	2.29	6.35	<0.02	69.5	37.7	24	1.55	70.9
B398510	2.63	<0.005	0.03	5.69	14.6	300	2.59	0.77	6.99	<0.02	63.8	13.4	23	1.32	216
B398511	2.99	<0.005	0.12	5.02	38.8	1280	1.86	0.92	8.72	<0.02	62.8	42	20	1.35	79.3
B398512	2.43	<0.005	0.05	4.93	33.9	1240	1.62	0.5	9.28	<0.02	49.9	40.4	19	1.05	46.9
B398513	2.97	<0.005	0.05	4.96	14.4	310	1.54	0.12	8.63	<0.02	52.5	17.1	21	0.98	31
B398514	2.12	<0.005	0.05	5.42	40.3	320	1.49	0.16	7.62	<0.02	55.9	19.5	19	0.97	25.5
B398515	1.63	<0.005	0.05	6.06	13.9	480	1.04	0.18	7.57	<0.02	68.7	16.5	19	0.89	16.1
B398516	2.79	<0.005	0.11	5.72	10.6	4000	1.07	0.47	6.38	<0.02	82.2	8.3	18	0.76	92.2
B398517	2.42	<0.005	0.21	6.8	91.4	1280	0.7	0.63	6.85	0.02	94	12.5	17	0.47	278
B398518	3.51	<0.005	0.13	4.28	59	310	0.3	1.23	10.4	<0.02	52.4	46.5	14	0.36	89.6
B398519	2.71	<0.005	0.12	4.91	13.2	530	0.45	1.03	8.85	<0.02	47.6	14.1	19	0.49	163.5
B398520	4.91	<0.005	0.14	9.13	33.9	1140	3.67	1.76	0.31	0.02	83.7	14.8	49	3.04	308
B398521	4.14	<0.005	0.25	8.3	30.9	1400	3.95	3.11	0.15	<0.02	72.2	9.1	43	2	279
B398522	0.05	<0.005	0.01	0.05	<0.2	10	<0.05	0.02	0.01	<0.02	2.29	0.1	<1	<0.05	1.5
B398523	4.46	0.005	0.34	8.44	62	1260	4.55	5.55	0.09	0.02	53.4	14	44	3.05	175.5
B398524	4.76	0.015	0.37	7.47	117.5	310	3.95	10.4	0.19	0.02	55.8	43.7	43	3.5	135.5
B398525	1.64	0.019	0.26	8.37	148	280	4.03	14.1	0.29	0.02	98	108	43	3	88.7
B398526	5.09	0.017	0.14	1.62	42.7	40	0.4	1.65	8.63	0.02	17.7	42.6	16	0.51	241
B398527	5.02	<0.005	0.07	0.2	21.8	20	0.12	1.14	5.63	<0.02	3.42	22.9	15	0.18	13.5
B398528	3.89	<0.005	0.13	0.18	26.4	20	0.12	1.5	5.77	0.02	2.51	20.1	21	0.19	16.9
B398529	4.38	<0.005	0.07	0.21	13.3	230	0.15	1.21	3.86	0.02	4.78	22.1	24	0.19	4.7
B398530	4.05	<0.005	0.08	0.42	26	30	0.21	1.45	14.1	<0.02	6.13	46	4	0.38	19
B398531	0.07	0.949	36.7	4.45	1305	520	0.62	34.3	6.97	2.14	21.7	44.6	284	1.14	4330
B398532	4.60	<0.005	0.15	0.66	46	250	0.24	2.52	16.05	0.02	8.09	32.3	5	0.35	32.8
B398533	4.03	0.017	0.23	0.68	236	360	0.27	2.63	14.85	0.03	9.95	54.6	7	0.41	188.5
B398534	2.47	<0.005	0.16	0.62	36	1160	0.26	1.84	13.8	0.02	6.5	22.2	5	0.22	23.1
B398535	1.50	<0.005	0.11	0.65	21	730	0.25	1.48	13.85	<0.02	6.41	16.8	5	0.26	11.9
B398536	4.68	0.006	0.23	0.46	38	1430	0.44	1.73	13.4	0.02	8.06	25.8	6	0.31	8.8
B398537	4.01	<0.005	0.28	0.48	22	30	0.43	2.14	14.45	<0.02	6.89	28.5	5	0.39	5
B398538	2.59	<0.005	0.23	0.32	<5	400	0.37	1.62	14.25	0.02	6.02	19.6	4	0.22	4
B398539	1.37	<0.005	0.46	6.06	24.6	250	2.13	2.03	5.75	0.02	29.6	31.9	25	5.18	77.7
B398540	0.41	<0.005	1.15	6.85	35.8	150	3.86	2.2	3.98	0.03	81.5	25.1	42	10.2	353

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
B398501		0.56	21.7	0.11	3	0.096	3.72	52.9	23.5	0.45	37	3.36	0.11	10.1	9	660
B398502		0.58	17.55	0.07	2.9	0.069	3.24	41.8	14.7	0.34	29	5.43	0.07	8.3	5	520
B398503		0.74	21	0.09	3.5	0.07	4.17	43.1	12.9	0.41	21	6.12	0.09	8.4	5.4	440
B398504		0.99	27.3	0.1	5.2	0.078	4.79	61.5	19.7	0.5	27	27.9	0.1	13.1	8.1	620
B398505		0.93	17.6	0.06	3.6	0.059	3.27	37.6	12.8	0.33	20	3.34	0.07	9.5	7.4	570
B398506		1.54	14.2	0.05	2.7	0.093	2.77	13	12.6	0.99	1660	6.59	0.07	6.9	13.6	1160
B398507		2.33	16.8	0.11	3.2	0.088	3.42	49.5	15.6	1.6	2380	32.4	0.07	8.3	17.9	1630
B398508		1.94	16.5	0.09	3.6	0.077	3.32	37.7	12	1.65	2550	13.65	0.07	8.5	11.5	620
B398509		3.08	14.4	0.11	3.2	0.076	3.06	32.9	11.6	2.84	5190	3.97	0.07	6.4	15	590
B398510		3.1	13.15	0.1	2.6	0.098	2.75	29.9	12.5	3.09	6020	3.63	0.06	5.6	11.7	540
B398511		3.64	11.4	0.11	2.4	0.078	1.97	33.1	14.1	3.84	7380	5.24	0.83	4.6	17.2	450
B398512		3.6	11.05	0.11	2.2	0.057	1.53	25.3	11.2	4.09	7090	3.24	1.51	4.4	16.7	460
B398513		3	11.5	0.1	2	0.059	1.43	26.9	11.4	3.78	6070	0.94	1.71	5.4	13.2	380
B398514		2.55	12.7	0.1	2.4	0.054	1.35	29	10.7	3.3	5650	0.89	2.2	6.1	12.1	420
B398515		2.52	13.5	0.11	3.2	0.042	1.01	36.7	10.6	3.33	5480	1.02	3.14	7.3	8.9	470
B398516		2.08	14.3	0.12	3.2	0.036	1.01	44.2	9.2	2.89	4230	2.45	2.96	7.3	14.7	420
B398517		2.24	13.85	0.13	3.8	0.036	0.53	48.9	7.7	3.08	4370	2.19	4.53	8.9	13.4	490
B398518		3.91	7.2	0.18	2	0.035	0.23	28.3	7.4	4.88	6190	6.69	2.94	3.5	20.9	460
B398519		3.38	8.39	0.12	2	0.054	0.47	25.4	10.6	4.25	6000	4.89	2.96	4.1	21.6	700
B398520		1.29	23.2	0.16	3.8	0.071	4.16	44.6	29.8	0.77	216	4.89	0.73	10.4	15.7	390
B398521		0.98	20.1	0.19	3.1	0.058	4.01	37.9	26.4	0.6	126	4.22	0.1	11.5	12.1	370
B398522		0.02	0.19	0.11	0.7	<0.005	<0.01	1.4	2.1	<0.01	<5	0.08	<0.01	0.2	0.4	10
B398523		1.38	23.6	0.12	3.7	0.067	4.14	27.6	30.1	0.61	117	8.55	0.09	12.8	16.3	340
B398524		3.09	22.2	0.13	3.6	0.063	3.55	29.8	29.4	0.59	128	6.11	0.19	8	25.6	670
B398525		4.23	27.1	0.17	3.9	0.06	3.29	55.9	27.9	0.63	206	2.7	1.45	8.2	38.2	320
B398526		3.53	3.69	0.1	0.8	0.056	0.24	9.4	11.4	4.4	3470	8.68	0.68	1.6	22.2	1040
B398527		2.47	0.64	0.05	0.1	0.03	0.07	1.6	1.7	2.51	2890	1.6	0.01	0.3	8.3	<10
B398528		2.83	0.56	0.06	0.1	0.036	0.07	1.1	1.6	2.45	3200	2.59	0.01	0.3	11	20
B398529		1.94	0.65	<0.05	0.1	0.052	0.08	2.4	1.8	1.61	2550	2.31	0.01	0.4	7.5	40
B398530		4.55	1.03	0.07	0.2	0.087	0.12	2.5	5.5	7.26	5790	2.54	0.03	0.4	16.6	130
B398531		4.4	13.55	0.26	0.9	0.22	1.43	16	14.4	0.84	1820	754	0.67	1.9	23.8	530
B398532		4.19	1.52	0.07	0.4	0.072	0.14	3.4	5.7	8.54	6070	5.27	0.18	0.7	15.8	240
B398533		4.15	1.48	0.07	0.3	0.117	0.13	4.2	6.5	7.61	6720	6.06	0.19	0.5	17.3	1330
B398534		3.35	1.41	0.06	0.3	0.078	0.12	2.5	6.7	7.4	5350	5.38	0.15	0.6	13.8	310
B398535		3.1	1.51	0.05	0.4	0.078	0.14	2.5	6.6	7.49	5620	4.19	0.14	0.6	11.4	300
B398536		3.68	1.27	0.05	0.3	0.086	0.06	3.5	13.8	7.21	5760	4.85	0.01	0.6	14.3	530
B398537		4.14	0.96	0.07	0.3	0.051	0.04	3.4	16.7	7.8	5890	2.7	0.01	0.5	12.1	230
B398538		3.35	0.78	0.06	0.2	0.047	0.02	2.8	12.5	7.67	5660	2.71	0.01	0.4	9.3	100
B398539		3.07	14	0.09	2.2	0.084	2.15	15.9	36.5	2.95	4710	11	1.09	6	13.3	540
B398540		3.87	17	0.16	3.1	0.21	2.74	47.7	118	2.65	3610	16.15	0.06	8.7	30.6	640

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
B398501		2.2	180	0.002	0.06	1.02	10.9	2	5.5	10	0.7	<0.05	14.4	0.335	0.95	4.9
B398502		2.5	146.5	0.002	0.2	0.99	7.5	1	4.1	22.5	0.57	<0.05	12.9	0.262	0.79	6
B398503		2	160	0.005	0.33	0.86	8.6	1	4.4	5.3	0.57	<0.05	13.9	0.288	0.85	9.6
B398504		3.8	202	0.004	0.41	1.26	10.3	1	6.7	29.9	0.86	0.06	19.3	0.302	1.17	12.3
B398505		2.4	140.5	<0.002	0.47	1.04	11.9	1	4	8.2	0.64	0.09	13.1	0.236	0.84	6.2
B398506		3.8	121.5	<0.002	0.48	1.16	14.2	1	3.8	10.2	0.45	0.1	9.4	0.198	0.71	9.7
B398507		4.9	145	0.005	0.84	1.25	14.7	2	4.7	17.7	0.54	0.1	12.4	0.208	0.82	8.9
B398508		2.8	140.5	0.005	0.5	1.01	11.1	1	3.3	16.4	0.55	0.07	11.9	0.21	0.75	7.2
B398509		2.6	131	<0.002	0.5	0.75	8.8	1	2.6	28.7	0.43	0.05	10.3	0.17	0.69	3.8
B398510		3.3	122.5	0.005	0.27	0.56	7.5	1	2.2	28.7	0.35	<0.05	8.9	0.149	0.61	3.7
B398511		2.1	93.4	<0.002	0.46	0.57	6.8	<1	1.7	38.1	0.32	<0.05	9	0.121	0.55	3.3
B398512		1.7	74.7	<0.002	0.44	0.45	6.6	<1	1.7	41.5	0.31	<0.05	8.2	0.11	0.47	2.5
B398513		1.3	69	<0.002	0.11	0.35	6	<1	1.5	32.4	0.38	<0.05	9.2	0.116	0.41	1.8
B398514		1.6	67.2	<0.002	0.03	0.36	6.6	<1	1.4	29.5	0.43	<0.05	10.7	0.126	0.4	1.7
B398515		1.7	53	<0.002	0.1	0.41	8.1	<1	1.2	29.9	0.49	<0.05	10.8	0.147	0.31	2.5
B398516		3.2	51	<0.002	0.21	0.63	7.8	<1	1.2	58.9	0.49	<0.05	11	0.143	0.32	3.1
B398517		3.5	25.3	<0.002	0.25	0.92	8.2	<1	0.7	35.9	0.6	<0.05	12.4	0.168	0.19	3.7
B398518		4.2	9.9	0.003	1.12	1.03	6.1	<1	0.6	35.2	0.23	<0.05	7.3	0.07	0.12	3.5
B398519		2.7	20.5	<0.002	0.63	1.03	5.6	<1	0.4	30.5	0.3	<0.05	8.2	0.097	0.16	4.1
B398520		2.9	185.5	0.002	0.69	1.49	12.2	<1	2.9	108.5	0.72	0.05	13.6	0.282	1.35	4.2
B398521		5.3	174.5	0.003	0.54	1.33	12.2	<1	3	81.3	0.79	0.06	13.4	0.298	1.42	5.6
B398522		1.3	0.3	<0.002	0.01	<0.05	0.2	<1	<0.2	2	<0.05	<0.05	0.4	0.006	<0.02	0.2
B398523		9.2	206	0.002	0.61	1.9	14.2	1	3.7	65.2	0.87	0.08	15	0.29	1.75	4.6
B398524		15.2	178	0.004	2.8	1.97	12.9	1	3	14.6	0.55	0.11	13.4	0.205	1.74	6.3
B398525		13.8	169	0.003	4.55	1.68	11.9	1	2.7	11	0.58	0.2	15.7	0.208	1.49	9.4
B398526		5.3	14.2	0.003	1.25	0.68	2.1	1	0.5	46	0.09	0.05	2.3	0.031	0.49	6.5
B398527		3.1	4.1	<0.002	0.89	0.48	0.7	<1	0.2	26.4	<0.05	0.05	0.3	<0.005	0.17	0.9
B398528		8.3	3.8	<0.002	0.92	0.52	0.6	<1	0.3	27.4	<0.05	<0.05	0.3	<0.005	0.49	1.1
B398529		3.1	4.4	<0.002	0.56	0.6	0.5	<1	0.3	17.9	<0.05	<0.05	0.3	<0.005	0.22	1.3
B398530		3.7	7.4	0.002	1.77	0.49	1.2	1	0.3	61.8	<0.05	<0.05	0.7	0.006	0.25	1.7
B398531		72	37.6	0.064	0.75	93	8	3	3.4	283	0.14	3.48	1.7	0.118	0.24	2.8
B398532		6.7	7.3	0.002	1.37	0.64	1.3	1	0.3	63.9	<0.05	<0.05	1.2	0.011	0.41	2.4
B398533		6.2	6.7	0.002	1.31	0.71	1.1	1	0.3	56.7	<0.05	0.06	1.4	0.008	0.5	2.9
B398534		4.9	6	<0.002	1.01	0.66	0.9	<1	0.3	55.3	<0.05	<0.05	1.1	0.008	0.3	1.9
B398535		3.7	6.8	<0.002	0.68	0.51	0.9	<1	0.3	51.7	<0.05	<0.05	1.2	0.01	0.31	1.8
B398536		7.4	3	0.002	0.82	1.26	0.8	1	0.2	85	<0.05	<0.05	0.8	0.01	0.53	2.6
B398537		8.7	1.8	<0.002	1.31	1.59	0.8	<1	0.2	43.4	<0.05	<0.05	0.8	0.009	0.2	2.1
B398538		6.4	1.1	0.002	0.8	1.12	0.7	1	0.3	50.8	<0.05	<0.05	0.6	0.007	0.2	2.3
B398539		6.6	104	<0.002	0.46	2.8	8	<1	4.3	25	0.36	0.16	11.2	0.149	0.88	8.8
B398540		9.4	160	0.011	0.26	6.62	11.2	1	2.8	21.3	0.6	0.11	13.7	0.206	0.93	7.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
B398501		60	16.3	12.8	2	103
B398502		40	10.8	9.7	3	89.2
B398503		61	8.1	11	<2	106.5
B398504		82	10.1	14.7	2	154.5
B398505		44	6.6	12.5	<2	105.5
B398506		52	5.3	12.9	3	79.9
B398507		61	4.7	17.8	3	92.4
B398508		62	4	14.6	2	95.6
B398509		55	2.9	17.5	2	98.6
B398510		43	2.4	17.7	2	94.5
B398511		35	2.2	17.6	4	79
B398512		31	1.9	17	4	70.3
B398513		27	1.8	14.3	3	63.7
B398514		30	1.8	15.9	3	75.8
B398515		34	1.9	18.8	3	96.7
B398516		31	1.9	19.2	3	101.5
B398517		34	2.3	18.8	11	113
B398518		23	1.8	13.7	8	65.7
B398519		27	2.3	13.7	10	68.1
B398520		67	6.6	15.6	5	123.5
B398521		61	4.9	14.9	2	108.5
B398522		<1	<0.1	1.8	2	23.1
B398523		65	6.6	17.1	2	121.5
B398524		59	6.5	17	3	115.5
B398525		96	9.1	16.6	3	129
B398526		24	2	10.9	11	27.6
B398527		5	0.4	4.8	5	4.2
B398528		8	0.3	5.2	6	4.1
B398529		5	0.5	4.8	4	6
B398530		10	0.7	8.6	9	6.9
B398531		60	15.8	11.1	108	24.5
B398532		8	1	9.4	9	12.6
B398533		8	0.8	12.2	11	13.6
B398534		4	0.6	7.4	8	13.7
B398535		5	0.7	7.6	9	14.1
B398536		7	1	10.2	14	10.1
B398537		3	0.8	6.8	15	8.3
B398538		3	0.6	6.4	13	7.4
B398539		55	6.2	12.4	11	68.6
B398540		63	7.2	26.8	19	104

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
B398541		3.78	<0.005	0.14	0.86	26	20	0.52	1.02	15.7	0.02	11.1	8.9	7	0.78	17.6
B398542		5.98	0.009	1.21	5.31	31.1	100	2.56	5.03	8.38	0.06	92.1	26.3	30	4.86	586
B398543		0.84	<0.005	0.16	0.77	25	70	0.32	2.01	16.25	0.02	8.51	18.4	5	0.48	39.3
B398544		4.16	0.020	0.12	7.14	3.7	2060	2.88	0.21	4.44	<0.02	96.5	25.8	36	4.01	46.2
B398545		3.84	<0.005	0.11	7.62	4.9	6620	2.46	0.16	3.96	<0.02	83.5	22.8	40	3.98	17.6
B398546		2.59	<0.005	0.14	8.02	4	4220	4.07	0.08	3.36	<0.02	130.5	22.1	46	4.15	14.9
B398547		4.62	<0.005	0.16	7.62	3.6	6390	3.58	0.05	4.35	0.02	109	23.3	42	3.5	368
B398548		3.73	<0.005	0.1	8.15	2	3680	3.89	0.04	2.89	<0.02	119.5	18.5	49	3.45	128.5
B398549		0.06	<0.005	0.02	0.06	<0.2	20	<0.05	0.01	0.01	0.02	2.79	0.1	1	<0.05	1
B398550		5.25	0.009	0.22	7.11	6.9	5300	3.68	0.11	4.02	<0.02	93	34.5	42	2.61	955
B398551		3.20	<0.005	0.15	6.73	5	7450	1.82	0.09	5.31	<0.02	37.9	29.2	43	0.83	398
B398552		2.59	<0.005	0.15	7.48	9.7	2530	2.59	0.26	4.52	<0.02	65.4	22.8	47	2.18	59.4
B398553		2.70	0.006	0.44	6.1	15.3	1200	2.25	1.01	5.4	<0.02	57.8	29.6	38	3.21	286
B398554		3.99	<0.005	0.2	7.61	8.5	4230	4.81	0.52	3.51	<0.02	105.5	11.8	44	7.82	15.5
B398555		3.30	<0.005	0.21	7.5	11.7	8420	4.32	0.42	3.7	0.03	87.5	30.5	48	5.36	43.8
B398556		4.30	<0.005	0.19	7.41	10.8	4490	4.33	0.32	3.13	<0.02	88.5	10	53	5.84	16.7
B398557		5.10	<0.005	0.31	7.72	54.8	1010	4.4	0.83	2.95	0.03	124.5	35.2	55	5.93	88.3
B398558		2.51	<0.005	0.49	8.55	33.6	690	3.13	2.41	2	0.02	128.5	32.2	56	15.25	144.5
B398559		2.37	<0.005	0.88	7.28	60.3	220	3.02	5.64	3.54	<0.02	95.6	37.3	46	8.85	507
B398560		2.42	<0.005	0.49	2.97	44.4	50	0.99	3.94	4.94	0.02	19.55	34.9	12	1.34	114.5
B398561		2.59	<0.005	0.86	5.88	66.2	140	2.79	7.62	4.43	<0.02	94.7	39.6	36	5.82	296
B398562		1.39	<0.005	0.73	5.88	46.9	160	2.53	4.03	4.63	<0.02	81.3	25.3	40	6.7	281
B398563		2.78	<0.005	0.19	5.75	182.5	260	0.88	1.36	5.34	<0.02	65.4	42	29	0.89	17.6
B398564		1.68	<0.005	0.66	4.3	50.7	1220	1.72	4.48	4.27	<0.02	61.7	15.7	22	3.73	138.5
B398565		0.06	0.923	37.6	4.36	1345	500	0.77	35.1	6.64	<0.02	26.8	42.9	279	1.34	4490
B398566		3.47	<0.005	0.41	4.65	62.2	520	1.14	3.1	7.23	0.02	104	32.4	27	0.84	39.1
B398567		5.55	<0.005	0.21	7.62	34.5	3380	3.58	1.72	3.51	<0.02	104	18.7	56	4.16	53.6
B398568		4.14	<0.005	0.2	7.3	38.7	1270	3.23	1.22	4.37	<0.02	97.5	24.5	49	2.61	28.1
B398569		5.14	<0.005	0.34	7.46	28.2	3510	3.97	1.59	3.53	<0.02	94	20.4	55	2.83	46.5
B398570		4.31	<0.005	0.23	8.01	29.6	770	4.12	1.78	2.43	<0.02	118	16.1	61	3.84	55.7
B398571		3.74	<0.005	0.23	7.85	25.1	3540	3.93	2.09	2.07	<0.02	117	16.7	61	4.15	62.5
B398572		5.16	<0.005	0.49	7.9	35.4	690	3.75	2.32	3.07	<0.02	120.5	23.5	57	3.89	167
B398573		5.80	<0.005	0.27	6.16	53.5	2130	2.33	1.11	5.47	<0.02	83.3	35	40	1.75	149.5
B398574		0.05	<0.005	0.02	0.07	0.4	20	<0.05	0.01	0.02	0.02	2.67	0.1	1	<0.05	1.6
B398575		5.39	<0.005	0.53	7.1	99.1	1420	2.12	1.03	2.85	<0.02	133.5	14.3	52	1.27	115
B398576		4.24	<0.005	0.34	6.63	82.8	780	1.46	1.94	3.7	<0.02	102	38.8	41	0.88	49.4
B398577		1.50	0.005	0.77	2.05	143	30	0.37	3.42	13.75	0.04	46.1	83.7	7	0.28	45.3
B398578		2.64	0.005	0.87	2.2	186	140	0.34	3.77	13.55	0.03	56	90.2	7	0.28	437
B398579		3.57	0.007	1.21	4.85	179	50	0.63	6.63	6.84	0.03	59.6	75	16	0.65	191
B398580		4.00	<0.005	1.26	6.51	60.5	770	2.34	6.03	3.2	<0.02	67.5	29.2	28	2.92	182.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07100558

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
B398541	3.02	2.03	0.07	0.4	0.092	0.28	5.3	16.5	8.27	8040	3.94	0.03	0.9	10.4	320
B398542	5.25	12.8	0.14	2.5	0.218	1.53	57.8	118	3.59	4950	24.2	0.04	7.8	30.5	640
B398543	3.78	1.7	0.06	0.4	0.092	0.22	3.9	14.9	8.6	8260	4.3	0.03	0.8	13.9	400
B398544	4.27	21	0.16	2.2	0.27	3.57	56	43.6	2.33	6010	2.4	0.06	6.4	27.6	650
B398545	4.07	18.25	0.19	2	0.245	3.77	48	37.1	2.06	4890	2.13	0.1	6.4	26.5	650
B398546	4.43	24.5	0.23	2.3	0.266	4.43	72.3	40.7	1.75	4540	2.53	0.25	4.7	27.9	720
B398547	4.4	19.8	0.22	2.4	0.216	4.02	58.6	43.3	2.09	5780	3.26	0.59	6.7	23.9	750
B398548	4.05	22	0.23	2.4	0.2	4.91	63.2	42.6	1.54	3550	1.69	0.33	6.9	23.5	750
B398549	0.02	0.24	0.05	0.9	<0.005	0.01	1.6	2.2	<0.01	9	0.05	<0.01	0.1	0.5	<10
B398550	4.85	20.3	0.22	2.1	0.193	4.07	48.1	41.2	1.85	4760	13.55	0.66	5.2	30.9	680
B398551	3.93	15.75	0.13	2.1	0.065	0.98	19.7	20.6	2.22	5760	1.98	3.91	3.6	22.4	660
B398552	3.69	19.3	0.16	2.4	0.077	1.47	32.5	43.9	2.17	4860	3.44	3.73	5.1	29.7	720
B398553	3.46	15.05	0.15	2.5	0.125	1.92	27.7	28.1	2.72	5320	7.29	1.71	4.7	26.5	710
B398554	2.24	20.5	0.21	3.4	0.108	2.9	49.9	33	1.9	3400	7.14	1.27	13.6	18.8	490
B398555	2.91	18.7	0.19	2.7	0.099	2.33	43.9	41.1	2.24	3120	2.42	1.78	9.3	19.7	510
B398556	2.37	19.15	0.2	3.1	0.116	2.39	41.3	39.9	1.87	2790	1.04	1.68	11.1	18.1	490
B398557	2.51	21.1	0.22	3.4	0.134	2.68	59.3	35.4	1.72	2930	1.75	1.65	9	39.4	530
B398558	3.49	21.5	0.23	3.3	0.126	2.84	66.6	73.7	1.76	2270	4.95	0.73	6.2	31.6	480
B398559	4.84	18.25	0.2	2.7	0.155	2.47	50	108.5	2.59	4050	3.83	0.7	4.7	37.3	500
B398560	3.66	6.63	0.13	1.7	0.159	0.69	9	41.5	2.25	5600	1.97	0.99	1.8	14	420
B398561	4.32	15.6	0.22	3.1	0.201	2.17	47.9	84.9	2.46	4670	3.75	0.69	7.7	42	730
B398562	3.21	14.4	0.19	2.7	0.183	2.17	40.2	66.9	2.44	4350	3.93	0.98	5.3	32.6	970
B398563	5.02	13.35	0.16	1.6	0.119	1.95	32.3	43.1	2.73	5770	1.1	2.17	2.8	46.3	510
B398564	4.62	10.55	0.16	2.4	0.217	1.17	29	57.1	2.38	4280	3.28	0.91	4.1	18.7	410
B398565	4.3	13.4	0.43	0.7	0.193	1.47	19.1	14.8	0.82	1805	730	0.66	1.8	21.8	560
B398566	9.25	11.2	0.21	1.8	0.312	0.13	48.9	73.7	3.95	8700	0.77	1.62	5.7	23.8	290
B398567	2.74	19.65	0.18	3.3	0.18	2.84	46.9	33	1.74	3490	1.25	1.48	7.5	29.8	560
B398568	2.17	18.3	0.19	3.3	0.12	2.15	44.1	22.9	2.09	3490	0.5	2.41	9.4	26	520
B398569	2.12	19.4	0.18	3.3	0.141	2.38	42.2	24.3	1.77	2900	0.51	2.32	8.7	24.6	500
B398570	2.56	21	0.21	3.4	0.154	2.92	52.7	37.2	1.62	2110	0.64	1.41	7.2	29.6	620
B398571	2.75	20.4	0.2	3.3	0.149	2.91	52.9	40.8	1.63	1805	0.62	1.17	6.1	29.5	570
B398572	2.8	20.4	0.2	3.4	0.15	2.73	55	34.1	1.88	2540	0.68	1.51	7.7	32	530
B398573	2.83	14.35	0.17	2.4	0.105	1.46	37.2	18.6	2.49	4280	0.43	2.44	5.2	28.4	430
B398574	0.02	0.28	0.09	0.8	<0.005	0.01	1.5	2.5	0.01	14	0.05	0.01	0.2	0.5	10
B398575	2.19	19.25	0.23	3.1	0.082	0.83	63.1	21.6	1.47	2640	0.51	4.08	7.4	25.4	460
B398576	3.47	14.55	0.19	2.9	0.058	0.53	47.2	21	1.85	3410	1.86	4.05	4.9	23.7	480
B398577	7.46	3.8	0.17	1.2	0.083	0.08	20.2	15.3	6.63	9570	2.14	1.23	1.6	30.2	230
B398578	7.57	4.38	0.17	1.1	0.102	0.1	23.7	14.8	6.58	9770	2.45	1.36	1.5	41.7	220
B398579	5.46	7.89	0.15	2.8	0.066	0.27	27.2	14.7	3.08	5290	2.69	3.19	2.9	39.8	630
B398580	3.5	16.05	0.14	4	0.091	1.13	31.8	28.8	1.62	2750	6.6	3.14	6.1	29.5	970

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
B398541		3.3	13.9	<0.002	0.34	0.91	1.3	<1	0.3	62.3	0.06	<0.05	1.5	0.017	0.19	2.9
B398542		31	75.9	0.005	0.3	6.22	9.5	1	2.8	36	0.52	0.15	10.4	0.164	0.63	8.9
B398543		4.2	10.9	0.002	0.89	0.8	1.1	1	0.3	62.1	0.05	<0.05	1.4	0.013	0.35	2.6
B398544		2.2	232	<0.002	0.16	1.66	12.8	<1	4.2	36	0.56	0.05	16.5	0.213	0.7	3.8
B398545		2.5	221	<0.002	0.32	1.61	11.4	<1	3.9	57.1	0.54	0.07	13.9	0.209	0.67	3.4
B398546		2.9	249	<0.002	0.2	1.45	15.2	<1	6.4	52.9	0.36	0.1	18.6	0.207	0.85	4
B398547		2.3	206	<0.002	0.21	1.36	12.3	<1	4	81.4	0.58	0.07	16.1	0.204	0.72	3.9
B398548		2	236	<0.002	0.08	1.23	13.7	<1	4.6	54.3	0.61	0.09	17.5	0.225	0.81	3.5
B398549		1.3	0.6	<0.002	0.01	<0.05	0.1	<1	<0.2	2.2	<0.05	<0.05	0.3	0.005	<0.02	0.2
B398550		2	193.5	0.002	0.38	1.31	13.3	1	4.9	283	0.41	0.07	14.1	0.161	0.68	3.8
B398551		1.6	45.9	<0.002	0.34	0.93	8.8	<1	3.8	121.5	0.35	<0.05	14.6	0.117	0.19	3.2
B398552		2.2	63.1	<0.002	0.23	1.39	11.8	<1	5	76.2	0.49	0.05	15.2	0.143	0.32	3.8
B398553		3.7	94	<0.002	0.96	1.52	10.1	<1	1.9	78.5	0.33	0.17	10.3	0.147	0.5	3.8
B398554		3.7	151.5	<0.002	0.17	1.91	13.4	<1	3	79.1	0.96	0.1	15.7	0.289	0.81	8.1
B398555		4.4	131	<0.002	0.43	1.94	14.4	<1	3.6	152	0.68	0.07	13.7	0.237	0.52	6.8
B398556		4.3	130.5	<0.002	0.21	2.17	14.1	<1	2.7	76.3	0.8	0.07	14.8	0.274	0.45	7.8
B398557		12.6	143	<0.002	0.74	2.88	15.6	1	2.4	50.5	0.65	0.11	15.2	0.237	0.54	8
B398558		7	153.5	<0.002	0.84	4.57	14.8	<1	2.4	31.9	0.48	0.06	17.8	0.182	0.82	10.9
B398559		8.6	141	0.002	1.24	4.43	12.1	1	2	22.8	0.37	0.1	14.4	0.154	0.68	12.7
B398560		7.6	43	<0.002	1.42	1.52	3.1	<1	0.5	21	0.13	0.05	5.3	0.038	0.48	2.8
B398561		16.9	142	<0.002	1.84	3.95	9.4	1	1.9	29.3	0.54	0.11	12.4	0.176	0.81	6.3
B398562		12.6	130.5	0.003	1.08	3.63	9.8	1	1.8	31.2	0.38	0.11	11.8	0.15	0.74	5.9
B398563		3.3	72.4	<0.002	1.37	1.1	10	<1	1.2	22.2	0.24	<0.05	11.7	0.138	0.14	9.7
B398564		12.5	67.3	0.002	0.51	7.04	7.4	1	1	29	0.28	0.09	7.7	0.108	0.64	3
B398565		72.3	35.9	0.067	0.71	88.5	6.3	3	3.1	280	0.11	4.27	1.6	0.118	0.23	2.8
B398566		11.2	7.5	<0.002	1.68	3.4	7	1	0.4	42.3	0.42	0.05	8	0.15	0.04	1.9
B398567		3.8	147.5	<0.002	0.54	2.14	14.3	<1	2.2	63.8	0.54	0.07	13.9	0.218	0.47	2.2
B398568		4.9	114	<0.002	0.36	1.28	13.5	<1	2	45.4	0.66	0.08	14	0.249	0.36	1.8
B398569		11.2	124	<0.002	0.63	2.56	14.3	<1	2.2	61	0.62	0.06	14	0.241	0.44	1.8
B398570		4.9	144	<0.002	0.49	1.85	15.8	<1	2.4	35.6	0.5	0.09	14.6	0.221	0.52	2
B398571		5.8	149	<0.002	0.8	1.89	15.1	<1	2.3	59.4	0.42	0.07	14.5	0.202	0.52	2
B398572		11.8	146	<0.002	0.79	6.5	14.9	<1	2.3	36.9	0.55	0.07	14.7	0.232	0.5	2.5
B398573		3.1	71.8	<0.002	0.34	1.38	11.5	<1	1.3	51.6	0.39	<0.05	10.5	0.17	0.22	1.8
B398574		1.3	0.4	<0.002	0.01	<0.05	<0.1	<1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02	0.2
B398575		7.8	44.9	<0.002	0.44	1.26	13.5	<1	1	47.5	0.53	0.27	14.1	0.193	0.14	2.5
B398576		5.8	30.1	<0.002	1.64	2.91	9.3	<1	0.7	47	0.36	<0.05	12.3	0.132	0.09	2.3
B398577		13.6	4.9	<0.002	3.86	21.6	4.8	1	0.2	87.1	0.12	0.06	3.7	0.033	0.04	1.3
B398578		14	5.6	<0.002	4.15	8.8	5.2	1	0.2	82.4	0.12	0.07	3.7	0.03	0.05	1.4
B398579		16.6	14.1	0.002	3.52	6.53	5.8	1	0.2	42.1	0.22	0.16	8.4	0.075	0.08	2.9
B398580		15.2	61.3	0.003	2.11	4.95	13.5	1	0.8	33.4	0.44	0.12	12.3	0.133	0.36	3.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
B398541		5	1	9	9	13.5
B398542		52	7	34.1	41	86.3
B398543		5	0.9	9.7	7	14.3
B398544		64	7.6	16	8	74.1
B398545		65	5	13.4	8	61.5
B398546		77	5.4	15.9	5	75.5
B398547		67	4.9	14.7	9	77.2
B398548		74	5.2	14	7	76.2
B398549		<1	<0.1	1.9	3	27.9
B398550		67	5.3	15.3	6	68.1
B398551		74	5.1	12	7	67.1
B398552		87	6.6	14.5	12	74.9
B398553		69	3.1	19.7	12	79.5
B398554		60	4.3	21.5	11	106.5
B398555		60	4.3	20.4	21	87.7
B398556		73	4.1	21.3	15	99.8
B398557		75	2.8	19.1	21	105.5
B398558		77	2.8	15	25	105.5
B398559		69	2.6	16.2	24	88.6
B398560		16	1.3	13	10	59.4
B398561		53	2.4	20.7	21	98.4
B398562		59	2.9	20.7	22	86.1
B398563		54	3	12.4	15	50.2
B398564		46	1.5	17.3	20	79.4
B398565		63	15.1	10.3	110	22.3
B398566		52	0.9	25.8	41	59.4
B398567		76	2	18	10	103.5
B398568		66	2.3	18	8	107.5
B398569		72	1.9	18.2	6	107
B398570		82	1.9	15.4	14	109.5
B398571		78	1.4	13.8	15	104.5
B398572		75	1.7	15.7	12	110.5
B398573		63	2.7	16	13	78.6
B398574		1	<0.1	1.7	4	24.3
B398575		65	4.4	16.8	14	97.9
B398576		48	2.7	15.5	13	95.4
B398577		25	1.1	23.1	26	37.2
B398578		42	1.4	21.7	22	35.9
B398579		38	1.4	18.9	17	96
B398580		109	2.2	20.2	9	125.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
B398581		4.57	<0.005	1.09	4.94	45.3	150	2.12	6.51	2.6	<0.02	49.1	31.4	23	2.69	386
B398582		4.27	<0.005	0.6	7.21	23.9	210	3.39	2.45	1.44	<0.02	32.9	23	23	3.83	543
B398583		4.94	0.016	0.44	4.13	67.4	70	0.99	3.89	1.47	0.02	9.75	95.9	19	1.05	22.9
B398584		5.68	0.016	0.44	3.48	49.4	40	0.58	3.99	3.41	<0.02	14.6	76.5	15	0.65	31.5
B398585		3.01	0.012	0.24	2.97	46.7	50	0.61	2.95	7.96	0.02	12.85	73.2	11	0.95	32.9
B398586		2.95	0.015	0.25	3.04	48.1	50	0.59	2.85	7.79	0.03	24.1	77.4	13	0.92	54.4
B398587		4.70	0.006	0.26	3.79	40.9	50	0.79	2.72	3.74	0.03	16.8	55.5	15	0.86	10.1
B398588		5.97	<0.005	0.33	3.84	12	370	1.22	2.26	12	<0.02	29.2	16.6	6	1.75	212
B398589		5.19	<0.005	0.28	3.54	11	90	1.15	2.78	10.5	<0.02	21.3	23.3	6	1.95	81.1
B398590		5.40	0.005	0.17	2.55	11	70	1.09	1.99	10.15	<0.02	13.5	10	6	1.3	15.2
B398591		5.74	0.006	0.48	1.83	33	40	0.67	4.72	10.1	0.03	15.95	17.1	9	0.78	57.1
B398592		3.24	<0.005	0.78	3.19	40.3	60	1.15	6.69	7.54	0.13	59.6	46.1	11	2.09	180
B398593		0.05	<0.005	0.02	0.05	0.2	90	<0.05	0.02	0.02	<0.02	2.62	0.1	<1	<0.05	1.4
B398594		5.89	0.035	0.81	4.53	113	100	0.81	2.3	10.35	0.05	332	217	23	0.99	26.1
B398595		5.83	0.016	0.8	5.39	22.8	170	1.11	1	8.76	0.04	108.5	93.2	25	1.64	29.1
B398596		5.89	0.018	0.97	5.78	39.6	170	1.31	5.87	8.64	0.03	115	114.5	25	2.82	35.7
B398597		4.77	0.011	0.79	4.95	22.9	140	1.1	2.37	9.81	0.04	46	78.7	24	1.59	14.9
B398598		1.99	0.031	2.95	4.65	36.5	130	1.91	9.6	8.86	0.06	322	94.5	20	4.02	327
B398599		2.49	<0.005	0.51	6.72	42.9	220	3.37	2.79	3.62	0.02	96.1	29.3	32	9.23	158
B398600		5.42	0.074	1.78	6.36	131	180	2.39	5.43	4.55	0.03	387	220	41	4.05	318
B398601		5.03	0.263	1.84	4.66	197.5	130	0.66	3.47	8.15	0.04	168	535	24	0.57	122
B398602		5.46	0.017	0.27	6.32	4.8	580	0.48	0.32	7.43	<0.02	49.1	15.2	31	0.21	6
B398603		3.21	0.015	0.52	6.89	7.8	4940	0.43	0.48	4.94	<0.02	102.5	37.6	41	0.21	8.6
B398604		4.99	0.040	0.99	5.92	31.8	270	1.12	1.77	7.08	0.03	162.5	152	30	0.55	12.5
B398605		5.57	0.008	0.34	6.26	5.7	660	0.59	0.28	5.93	0.02	116.5	27.1	28	0.27	3.8
B398606		4.06	<0.005	0.04	7.15	3.6	3040	1.11	0.07	4.86	<0.02	103	9	35	0.47	2.9
B398607		3.40	<0.005	0.07	6.5	8.5	3820	1.24	0.15	5.19	<0.02	95.4	19.5	31	1.02	3.4
B398608		5.56	<0.005	0.12	6.72	10.6	2060	2.53	0.16	4.97	<0.02	101.5	16.5	36	2.03	9.1
B398609		5.51	<0.005	0.1	7.54	11.4	2970	1.54	0.45	2.39	<0.02	77.8	46.5	38	0.84	3.8
B398610		0.88	<0.005	0.17	3.36	21	190	0.74	0.82	11.5	0.02	33.7	38.8	13	0.45	9.1
B398611		1.83	<0.005	0.1	6.17	18.1	2640	0.93	0.33	5.48	<0.02	127.5	26.3	32	0.5	5.7
B398612		1.58	<0.005	0.07	9.9	7.2	1290	3.7	0.07	0.28	<0.02	153	8.3	66	5.41	4.2
B398613		3.63	<0.005	0.06	10.5	7.3	1070	3.66	0.19	0.22	<0.02	94.5	8.5	69	5.38	4.1
B398614		4.44	<0.005	0.03	6.84	2.9	3210	2.73	0.08	0.62	<0.02	92	5.3	40	1.92	2.7
B398615		5.57	<0.005	0.02	8.68	1.6	2470	2.91	0.02	0.4	<0.02	82	3	57	2.07	2.2
B398616		5.92	<0.005	0.03	8.39	2.2	9950	2.41	0.08	0.3	<0.02	84.8	2.9	66	1.5	1
B398617		5.92	<0.005	<0.01	8.04	1.9	4290	2.33	0.06	0.6	<0.02	81.2	5.2	65	1.38	0.9
B398618		4.81	<0.005	0.01	8.63	1.1	2260	2.58	0.04	0.73	<0.02	91.7	5.1	61	1.35	4.7
B398619		4.33	<0.005	<0.01	8.6	1.3	1530	2.44	0.06	0.4	<0.02	117.5	2.9	67	1.4	4.1
B398620		5.27	<0.005	0.01	7.44	1	1030	1.27	0.07	0.33	<0.02	60.9	1.6	62	0.76	3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
B398581	3.42	11.75	0.14	3.4	0.112	1.21	23.5	55.5	1.47	2620	6.21	1.56	6	27.7	720
B398582	1.92	26	0.13	6.1	0.111	3.23	14.9	50.1	1.17	1300	5.86	0.81	8.8	15.1	850
B398583	2.94	8.77	0.09	3.2	0.045	0.91	4.1	13.7	0.77	1280	3.37	1.75	5.8	34.3	460
B398584	3.3	7.06	0.1	2.8	0.049	0.51	6.5	7.3	1.47	2440	3.01	1.91	4.8	31.9	460
B398585	4.69	6.38	0.1	2.2	0.075	0.71	5.5	9.6	3.42	5620	2.23	1.24	3.1	25.8	360
B398586	4.68	6.53	0.1	2.4	0.074	0.7	10.3	9.2	3.34	5300	2.62	1.32	2.9	28.2	450
B398587	3.11	8.08	0.08	2.6	0.052	0.86	7.4	16.1	1.64	3060	1.45	1.63	4.1	18.7	440
B398588	4.56	8.89	0.11	2.6	0.142	1.18	12.7	49.8	7.54	5950	3.71	0.34	2.2	11.4	290
B398589	4.47	7.99	0.1	2.6	0.177	1.45	9.1	33.5	6.12	6280	2.99	0.1	3.1	15.9	340
B398590	3.63	6.92	0.08	1.8	0.188	1.38	5.6	14	4.98	6680	1.63	0.03	2.5	8.7	260
B398591	6.1	4.56	0.1	1.3	0.202	0.74	6.6	21.9	4.61	7790	3.39	0.09	1.8	9.3	270
B398592	5.83	8.8	0.14	1.8	0.186	0.96	32.9	78.9	3.68	7970	4.63	0.27	3.1	16.4	370
B398593	0.02	0.18	<0.05	0.7	<0.005	<0.01	1.4	2.4	0.01	9	0.07	<0.01	0.1	0.5	10
B398594	8.16	14.55	0.25	1.4	0.128	0.43	221	39.8	4.7	10300	68.2	1.92	16.4	31.4	2070
B398595	5.15	15.25	0.15	1.5	0.106	1.17	65	22.8	3.79	8340	78.8	2.36	7.2	27.7	830
B398596	6.4	14.65	0.16	1.7	0.178	1.55	70	47.1	3.89	8780	53.9	1.55	3.7	30.3	840
B398597	5.33	15.75	0.11	1.4	0.124	1.11	26.2	33.3	4.57	8410	98	1.93	5.3	25.7	550
B398598	7.25	13.6	0.28	1.6	0.149	0.93	196	78.7	4.81	8570	153	0.95	9.7	38	990
B398599	2.82	18.9	0.16	3.6	0.168	2.93	51.9	54.9	2.2	3550	29.3	0.28	8.5	27.5	900
B398600	9.55	17.1	0.26	1.9	0.145	1.08	275	117.5	4.06	5300	63.7	0.81	15.5	43.4	1500
B398601	9.91	11.35	0.2	1.4	0.212	0.4	115.5	35.1	4.49	6770	149	2.03	7.6	60.1	1100
B398602	3.25	13.2	0.09	1.8	0.061	0.11	28.2	6	3.01	5540	8.38	4.77	7.7	10.5	1590
B398603	2.53	15.8	0.13	2.1	0.042	0.13	68	5.2	1.94	4080	14.25	5.24	14	12.1	1400
B398604	4.67	16.2	0.18	1.7	0.062	0.52	97.8	10.1	2.93	5420	92.4	3.85	11.8	30.6	1370
B398605	4.13	15.55	0.15	1.9	0.028	0.19	66.1	7.1	2.46	4920	10.3	4.57	4.7	16.7	750
B398606	2.88	19.7	0.16	2	0.032	0.38	57.7	6.4	1.97	3870	1.71	5.14	6.1	18.6	700
B398607	4.97	15.9	0.14	2.1	0.042	0.98	50.4	11.4	2.38	3860	2.11	3.78	4.4	22.4	680
B398608	4.96	19.7	0.18	2	0.097	1.99	53.9	23.1	2.42	4100	2.12	2.54	6.1	28.4	660
B398609	2.3	23	0.15	3.1	0.041	0.95	40.2	14.5	1.12	2070	2.85	4.88	10.6	13.8	600
B398610	4.27	8.52	0.1	1	0.086	0.23	15.5	21.1	5.69	7420	3.73	1.87	2.9	15.7	560
B398611	4.71	15.9	0.17	1.4	0.048	0.2	69.7	7.3	2.3	5210	1.72	4.54	5.6	14.4	570
B398612	2.06	32.6	0.19	3	0.06	4.42	76	25.7	0.54	82	1.48	1.78	6.5	36.1	860
B398613	2.21	32.4	0.16	2.9	0.063	4.61	47.1	20.9	0.5	69	1.06	1.89	7.5	30.3	490
B398614	0.99	21	0.13	1.8	0.047	2.66	46.3	16.5	0.5	477	0.74	1.16	4.3	11.6	390
B398615	0.79	28.9	0.12	2.9	0.06	3.14	41.2	16	0.41	243	1.14	2.39	8.2	11.2	450
B398616	0.63	27.2	0.11	3.2	0.043	2.09	45.2	12.6	0.32	168	0.44	4.15	10.4	11.5	410
B398617	0.72	24.6	0.11	2.9	0.035	1.93	40.8	12.1	0.42	429	0.46	4.31	8.2	12.1	550
B398618	0.7	26.4	0.12	3.4	0.032	1.76	47.5	17.5	0.46	538	0.61	4.85	9.9	9.8	460
B398619	0.59	27.4	0.14	4.2	0.029	1.68	60.9	15.4	0.35	297	2.86	5.75	12.4	10.6	530
B398620	0.33	17.3	0.09	3.9	0.014	0.74	31	6.1	0.22	263	5.31	6.64	12.5	7.1	510

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
B398581		11.4	68.4	0.006	1.37	4.24	7.4	1	0.8	19.9	0.39	0.17	10.3	0.114	0.47	3.4
B398582		5.9	155	0.003	0.76	1.72	12.3	1	2.5	11.4	0.56	0.08	14.6	0.158	1.12	6.1
B398583		6.7	46.5	<0.002	2.28	1.05	3.4	1	0.9	16.6	0.41	0.2	8.4	0.082	0.72	4.2
B398584		8.3	25.6	<0.002	2.42	1	3.2	<1	0.8	21.6	0.33	0.21	8	0.066	1.13	4.5
B398585		6.6	34.2	0.002	2.12	0.84	4.6	1	0.8	38.5	0.21	0.18	5.5	0.044	0.57	3.1
B398586		6.4	33.4	<0.002	2.16	0.83	4.7	1	0.8	38.6	0.2	0.17	6.5	0.037	0.65	3.6
B398587		5.6	42.1	<0.002	1.71	0.86	4.7	<1	0.7	21.6	0.29	0.15	7.8	0.06	0.6	3.4
B398588		3	47	0.003	1.15	1.12	4.2	1	1	38.5	0.14	0.09	6.7	0.045	1.62	3.5
B398589		3.6	53.7	0.003	1.48	1.2	4.1	1	1.1	27.8	0.21	0.08	6.7	0.058	1.88	3.9
B398590		3	53.4	0.002	0.74	0.84	3.2	<1	1.2	26.3	0.17	0.07	5.2	0.051	1.39	3.3
B398591		5.9	29.2	0.002	2.86	1.14	2.2	1	0.6	26.4	0.12	0.07	3.7	0.035	1.37	2.8
B398592		9.8	59.7	0.006	1.64	2.95	4.2	1	2.2	29.4	0.2	0.1	6.1	0.054	0.71	4.2
B398593		1.8	0.3	<0.002	0.01	<0.05	0.2	<1	0.2	2.4	<0.05	<0.05	0.3	0.006	<0.02	0.2
B398594		6.9	22.9	0.033	2	1.76	5.8	3	5.7	43.5	0.49	0.5	12.9	0.109	0.57	36.4
B398595		4.9	60.9	0.017	1.55	1.68	9.5	2	6	44.9	0.39	0.46	10.3	0.115	0.71	31.9
B398596		7.1	81.1	0.022	2.35	1.74	8.6	2	6.2	39.5	0.22	0.76	11.1	0.073	0.91	18.5
B398597		5.5	62	0.007	1.42	1.82	8.4	1	6.9	43	0.32	0.29	9.4	0.106	0.65	11.1
B398598		11.1	50	0.016	1.99	4.01	7.9	4	7.6	35.8	0.36	0.84	15.6	0.107	0.69	21.4
B398599		8.1	173.5	0.005	0.85	4.59	10.8	1	2.9	25	0.62	0.13	13.7	0.204	1.41	4.7
B398600		15.6	51.8	0.021	1.68	4.19	8.3	2	11.9	24.4	0.76	1.01	20.1	0.219	2.54	20
B398601		10.2	11.1	0.038	4.28	4.14	6.3	4	10.8	28.6	0.45	1.68	9.8	0.136	0.14	11.5
B398602		2.9	4.2	0.002	0.18	3.05	8.4	1	4.4	51.5	0.77	0.29	13.2	0.179	0.06	6
B398603		4.1	5.6	0.004	0.51	2.88	7.9	1	5.1	83.9	0.99	0.58	12.6	0.248	0.06	11.8
B398604		4.3	28.8	0.01	1.8	1.74	9.9	3	6.2	58.5	0.5	0.98	11.7	0.138	0.13	5.2
B398605		1.6	7.8	0.004	0.35	1.08	9.4	1	3.1	37.9	0.37	0.26	13.5	0.112	0.05	3.7
B398606		2	20.9	<0.002	0.14	1.25	10.9	<1	5.8	58.9	0.53	<0.05	15.1	0.161	0.11	4.3
B398607		1.6	53.1	<0.002	0.26	1.08	10.1	1	4.6	55.3	0.46	<0.05	15.1	0.221	0.18	3.4
B398608		2.2	113	0.002	0.33	1.22	11.6	1	6.3	122	0.55	0.07	13.7	0.248	0.34	4
B398609		2.2	44.7	0.004	0.57	1.19	9	1	3.9	58.1	0.77	0.06	11.9	0.261	0.21	4.7
B398610		2.6	12.2	0.004	1.06	1.15	4.6	<1	1	105	0.23	<0.05	6.1	0.076	0.13	4.9
B398611		1.8	11.1	<0.002	0.49	1.47	10.1	<1	2.7	67.6	0.47	<0.05	13.6	0.19	0.07	3.1
B398612		1.5	237	<0.002	0.06	2.21	16.3	1	6	31.8	0.5	<0.05	15.8	0.241	0.55	2.5
B398613		2	247	<0.002	0.15	2.12	17.3	<1	5.8	22.4	0.61	<0.05	18	0.281	0.48	3
B398614		1.3	140	<0.002	0.15	1.51	6.8	<1	3.1	38.4	0.35	<0.05	13.3	0.151	0.21	1.8
B398615		1.5	163.5	<0.002	0.07	1.22	11.8	<1	3.9	43.8	0.57	<0.05	17.7	0.198	0.26	2.6
B398616		2.1	107.5	<0.002	0.3	1.35	14.2	1	3.9	117	0.67	<0.05	18.9	0.223	0.24	3
B398617		3.1	93.6	<0.002	0.15	1.32	12.4	1	3.9	68.8	0.56	<0.05	17.2	0.2	0.21	2.6
B398618		1.5	94.4	0.002	0.09	1.66	11.7	<1	4.2	55.5	0.74	<0.05	16.9	0.244	0.2	2.7
B398619		2.1	86.5	0.002	0.05	2.24	13.4	<1	4.1	38.7	0.91	<0.05	18.7	0.287	0.18	3
B398620		2.2	34.5	<0.002	0.04	2.4	5.8	<1	2.1	33.3	0.95	<0.05	17	0.28	0.09	2.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
B398581		55	2.6	18.4	13	108
B398582		89	2.6	24.4	8	176
B398583		23	1.6	13.6	8	93
B398584		18	1.4	15.4	8	92.3
B398585		23	0.8	15	12	70
B398586		24	0.8	15.5	11	78.9
B398587		17	1.1	14.6	9	86.3
B398588		22	1.6	13.1	14	84.2
B398589		23	1.9	15	12	80.6
B398590		20	1.4	15.3	6	60
B398591		19	1.2	14.5	18	43.3
B398592		34	2.6	17	35	59.8
B398593		<1	<0.1	1.9	4	24
B398594		150	12.6	25.4	25	40.1
B398595		110	11.3	15.5	13	45.7
B398596		79	7.2	18.7	17	48.7
B398597		114	6.7	13.6	12	45.4
B398598		89	10.7	20.8	22	48.9
B398599		63	3.9	22.9	11	114.5
B398600		163	20.1	19	34	55.4
B398601		98	20.8	13.9	25	37.9
B398602		57	46.6	13.8	8	57.1
B398603		90	77.8	15	7	62.5
B398604		106	16.6	17.8	10	52.1
B398605		65	4.7	15.7	8	57.9
B398606		92	8.1	16.6	6	61
B398607		68	5.6	14.9	7	62.9
B398608		79	7.3	17.3	7	61.7
B398609		83	7	15.2	7	98
B398610		33	2.7	14.4	18	33.4
B398611		53	3.9	12.5	7	46
B398612		100	3.8	16	7	95
B398613		104	4.7	15.4	6	89
B398614		53	2.4	14.3	4	55.1
B398615		71	2.9	16.3	2	89
B398616		82	3.1	12.9	<2	91.4
B398617		79	2.7	12.3	2	81.7
B398618		75	3.4	14.6	5	106.5
B398619		110	4.8	17.4	4	128
B398620		60	5.2	13.3	4	121.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07100558

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
B398621	5.72	<0.005	0.05	8.71	2.8	2620	1.81	0.17	1.61	<0.02	126.5	21.1	56	1.75	3.6
B398622	5.91	<0.005	0.07	5.08	23.2	760	0.98	0.3	6.11	<0.02	69	46.8	28	0.91	4.9
B398623	5.27	0.005	0.14	6.53	45.2	150	1.35	0.81	3.97	<0.02	116	65.2	37	1.4	9
B398624	5.12	0.007	0.11	6.27	30.3	100	0.9	0.68	5.01	<0.02	124.5	83.8	31	0.92	5.8
B398625	2.57	0.008	0.14	6.05	31.2	130	0.9	0.81	5	<0.02	187	81	32	1	6.2
B398626	0.04	<0.005	0.02	0.07	1.3	20	<0.05	0.03	0.02	<0.02	9.02	3.4	<1	0.06	3.3
B398627	3.47	<0.005	0.02	8.52	0.9	40	2.27	0.05	1	<0.02	10.5	1.1	16	0.38	20.8
B398628	1.47	<0.005	<0.01	8.24	1	130	2.69	0.04	0.53	<0.02	20.6	1.2	24	0.75	6.4
B398629	3.97	<0.005	0.06	7.47	5.2	60	2.96	0.56	0.3	<0.02	61.8	14.3	48	1.14	6.8
B398630	4.90	<0.005	<0.01	7.49	0.4	40	3.11	0.09	0.58	<0.02	14.65	1.4	38	0.4	20.1
B398631	5.81	<0.005	0.03	7.28	7.6	110	3.24	0.53	0.31	<0.02	53.8	11.1	43	1.95	11
B398632	5.70	<0.005	0.02	7.66	12	190	4.12	0.5	0.36	<0.02	66.8	9.7	41	2.62	7.5
B398633	0.83	<0.005	0.07	7.39	15.4	120	3.53	0.84	0.48	<0.02	76.7	22.7	41	2.32	6.7
B398634	0.96	<0.005	0.1	7.75	22.1	140	3.27	1.05	0.52	<0.02	65.8	30.6	44	2.3	8.2
B398635	5.85	<0.005	0.1	7.19	18.6	2200	2.47	0.66	2.4	<0.02	77	46	45	2.3	23.6
B398636	6.04	0.006	0.17	6.53	35.4	700	1.44	0.99	4.6	<0.02	103	66.5	39	2	17.1
B398637	3.90	<0.005	0.15	6.69	16.4	130	2.48	0.99	2.58	<0.02	42.3	42.1	40	1.26	14.4
B398638	5.64	<0.005	0.06	6.77	3.6	140	2.87	0.35	0.62	<0.02	69.6	9.3	62	1.65	80.7
B398639	1.25	<0.005	0.03	7.82	3.2	170	3.69	0.18	1.36	<0.02	74.7	8.6	120	1.85	39.4
B398640	5.73	<0.005	0.05	8.12	5.7	180	2.73	0.15	0.42	0.03	97.5	5.4	43	2.25	28.6
B398641	0.06	0.883	41.3	4.75	1380	530	0.5	34.6	7.07	<0.02	24.4	43.8	298	1.25	4880
B398642	5.05	<0.005	0.24	7.63	9.7	260	2.58	0.33	0.42	0.02	53.4	6.6	37	2.51	30.8
B398643	5.75	<0.005	0.06	8.04	5.5	130	2.53	0.17	0.61	0.02	83.1	5.6	41	2.39	11.3
B398644	3.35	<0.005	0.03	8.2	3.4	170	2.83	0.12	0.35	<0.02	54	3.5	37	2.89	11.3
B398645	5.13	<0.005	0.07	7.66	11	50	1.79	0.3	2.57	<0.02	81.2	8.7	37	0.86	12.3
B398646	1.69	<0.005	0.05	7.74	3.6	60	1.6	0.3	3.05	0.03	29.7	3.5	36	0.98	8.5
B398647	1.65	<0.005	0.04	7.29	3	60	1.67	0.24	2.37	0.02	51.9	3.3	42	0.87	4.1
B398648	1.19	<0.005	0.02	7.4	2.2	60	2.26	0.13	0.96	0.03	31.7	1.7	40	0.5	8.8
B398649	1.18	<0.005	0.07	7.51	4.3	40	1.49	0.16	1.17	0.02	240	3.5	36	0.41	36
B398650	4.82	<0.005	0.04	8.5	7.7	80	2.33	0.09	0.56	<0.02	97.8	2.6	40	0.67	8.9
B398651	5.60	<0.005	0.08	7.6	11.9	80	2.25	0.28	3	<0.02	49.5	6.2	33	0.89	42.1
B398652	3.94	<0.005	0.06	7.65	9	50	2.41	0.25	3	<0.02	21.5	5.3	35	0.46	26.5
B398653	2.46	<0.005	0.08	7.38	14.1	50	1.63	0.19	5.98	<0.02	44.9	9.5	22	0.54	13.7
B398654	3.21	<0.005	0.05	5.22	5.3	90	1.43	0.08	4.07	<0.02	14.85	7.2	14	0.28	5.2
B398655	3.54	<0.005	0.11	7.55	13	60	2.54	0.33	0.55	<0.02	60.9	10.2	37	2.92	16.7
B398656	5.38	<0.005	0.03	8.36	3.8	520	2.07	0.06	0.38	<0.02	106.5	10.8	52	2.7	24.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
B398621	1.26	22.8	0.16	3.3	0.039	1.47	66	13.2	0.84	1555	5.14	5.26	9.8	12.9	620
B398622	5.88	12.25	0.22	1.1	0.104	0.68	39	9.5	2.66	6540	1.92	2.97	2.6	23.1	440
B398623	6.48	16.3	0.27	1.7	0.076	0.97	68.2	34.7	2.51	3740	3.21	2.75	5.2	40.5	610
B398624	5.92	14.35	0.23	1.6	0.087	0.74	73	49.2	3.56	5490	5.71	2.38	4	55.4	650
B398625	4.67	14.7	0.26	1.8	0.086	0.57	110	38.2	3.03	4870	5.09	2.95	5	67.9	670
B398626	0.03	0.81	0.05	0.9	<0.005	0.01	5.2	3.4	0.01	17	0.3	0.02	0.3	3.2	20
B398627	0.42	21.5	0.06	4.3	0.025	0.36	5.5	4.5	0.46	1245	1.51	7	13.6	1.5	50
B398628	0.43	24.5	0.07	4.3	0.015	0.45	10.9	12.9	0.31	544	2.37	6.7	13.5	1.4	150
B398629	0.57	25.3	0.1	4.3	0.021	0.8	32.7	13.4	0.27	137	1.24	5.35	12.8	5.4	440
B398630	0.32	23.4	0.07	5.4	0.019	0.38	7.3	5.8	0.29	646	1.85	6.54	17.7	1.5	150
B398631	0.65	19.4	0.09	3.4	0.029	1.74	27.7	14.3	0.38	167	0.92	3.44	10.2	6.7	400
B398632	0.8	23.3	0.12	4	0.037	2.13	34.8	20.3	0.49	213	1.05	2.72	10.5	8.4	400
B398633	1.03	22.9	0.14	3.8	0.03	1.54	40.3	21.7	0.48	295	2.56	3.42	10.7	14.7	490
B398634	1.27	22.7	0.12	3.7	0.03	1.61	35.3	21.1	0.54	344	3.13	3.63	10.2	20.8	510
B398635	2.22	20.8	0.16	3	0.062	1.66	41.4	29	1.44	2270	4.21	2.88	8.2	25.2	590
B398636	3.88	16.95	0.21	1.8	0.074	0.85	54.7	43.1	2.54	5130	6.14	3	5.4	35.1	720
B398637	1.85	18.45	0.13	2.6	0.032	0.98	22.1	17.6	1.34	1585	4.37	3.62	7.7	20.5	660
B398638	0.73	21.2	0.12	3.5	0.025	1.14	37.4	19.5	0.47	453	2.59	3.49	10.6	6.8	560
B398639	0.92	27	0.14	6	0.046	1.82	37.1	22.3	0.86	1305	3.46	4.07	17.7	5.5	920
B398640	0.58	23.4	0.15	3.3	0.044	1.86	57.6	16.7	0.45	166	1.92	3.38	8.6	6.2	720
B398641	4.58	14.4	0.24	0.7	0.216	1.59	20.1	13	0.88	1900	782	0.73	1.9	19.7	640
B398642	0.55	21.3	0.11	3.2	0.039	2.05	30.6	15.7	0.44	169	5.16	2.74	9.3	6.8	790
B398643	0.77	21.7	0.13	3.5	0.035	1.58	47.5	20.5	0.56	361	1.92	3.75	9.4	10.3	890
B398644	0.49	23.3	0.11	3.3	0.03	2.38	30.7	17.7	0.47	103	2.29	2.58	8.9	5.4	830
B398645	1.44	18.5	0.15	3.4	0.033	0.63	45.3	18.4	1.38	2250	2.9	4.74	9.7	15.9	980
B398646	1.41	16.4	0.08	3.1	0.031	0.61	16.3	25.4	1.37	2530	2.66	4.88	8.6	7.6	920
B398647	1.46	16.85	0.12	3.1	0.037	0.55	29.1	27.7	1.29	1960	2.48	4.55	8.1	10.7	870
B398648	0.62	19.55	0.08	3.2	0.027	0.58	18	9.4	0.52	839	2.41	4.97	8.8	5.7	850
B398649	1.48	18	0.28	2.8	0.026	0.34	133	20.3	1.02	1230	3.79	4.96	5.7	17.2	990
B398650	0.69	21.5	0.14	3.9	0.012	0.52	55.5	13.3	0.47	304	2.8	5.79	10.2	9.5	980
B398651	1.46	18.85	0.13	3.7	0.027	0.49	27.1	23.9	1.6	1660	2.19	4.84	10.4	21	690
B398652	1.51	18.95	0.09	3.3	0.025	0.27	11.8	16.2	1.71	1760	2.31	5.24	8.7	17.1	710
B398653	1.84	14.3	0.14	3.1	0.036	0.42	25.4	7.8	3.13	2630	2.2	4.8	6	10.2	670
B398654	1.17	13.3	0.12	1.5	0.032	0.19	8.4	3.8	1.92	2020	2.72	3.65	3.6	4.8	850
B398655	0.79	18.9	0.1	2.8	0.022	0.78	35.3	19.7	0.4	253	2.85	4.33	6.1	14.4	710
B398656	0.94	23.5	0.15	2.5	0.035	3.38	61.3	11.1	0.43	279	1.27	0.77	4.9	14.1	380

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
B398621		2	69.9	0.005	0.36	1.94	10.1	<1	3.4	50.4	0.7	0.05	16.7	0.218	0.17	3.7
B398622		1.6	36.9	<0.002	0.76	0.83	8.6	<1	1.7	31.8	0.2	0.07	9.3	0.135	0.13	3.9
B398623		2.6	53.9	0.003	1.27	1.14	8.5	<1	2.3	21.4	0.42	0.09	12.7	0.184	0.16	4.1
B398624		2	39.1	0.003	1.12	0.78	10.5	<1	1.4	18.1	0.32	0.1	11.1	0.13	0.11	8.6
B398625		2.7	31.8	0.005	1.33	0.79	10.8	1	1.2	22.9	0.45	0.1	12	0.163	0.1	5.4
B398626		1.2	1.2	<0.002	0.01	<0.05	0.6	1	0.3	3	<0.05	<0.05	0.8	0.007	<0.02	0.4
B398627		1.6	16.8	<0.002	0.03	0.5	2.2	<1	0.4	21.6	0.92	<0.05	13	0.278	0.06	2.8
B398628		1.5	22.3	0.002	0.02	0.56	2.1	<1	0.4	26.5	0.91	<0.05	10.4	0.271	0.1	2.8
B398629		2.3	42.5	0.006	0.2	0.72	8.8	1	0.7	26.8	0.86	<0.05	15.5	0.264	0.16	4
B398630		4.9	19.8	<0.002	0.02	0.72	2.9	<1	0.5	23.2	1.2	<0.05	15.5	0.356	0.07	3.2
B398631		2.3	79.2	0.004	0.35	0.61	9.3	<1	1.3	16	0.7	<0.05	12	0.251	0.22	2.5
B398632		2.9	111.5	0.005	0.38	0.65	11.5	1	1.8	17.7	0.73	0.05	13.6	0.238	0.31	2.9
B398633		3.6	83.2	0.007	0.47	0.81	11.2	1	1.4	22	0.76	0.08	14.9	0.223	0.28	3.2
B398634		3.4	81.1	0.006	0.68	0.85	10.8	1	1.4	22.4	0.71	0.09	15.2	0.229	0.27	3.4
B398635		2.5	78.3	0.008	0.74	0.89	10.6	1	1.9	50.7	0.6	0.08	12.1	0.201	0.25	4
B398636		4.2	43.1	0.008	0.97	1.11	10.7	2	1.9	76.2	0.44	0.09	10.9	0.165	0.16	6.3
B398637		4.2	48.4	0.002	1.24	0.79	14	1	1.1	25.1	0.53	<0.05	12.2	0.175	0.15	2.7
B398638		2.9	65.9	0.002	0.19	0.89	11.4	1	1	20.2	0.73	<0.05	11.8	0.238	0.21	2.5
B398639		2.5	79.5	<0.002	0.19	1.38	16.2	1	1.4	29	1.22	<0.05	14.7	0.422	0.31	3.3
B398640		5.4	92.2	0.003	0.08	0.9	13.9	2	1.1	19.6	0.58	0.06	13.4	0.207	0.29	2.8
B398641		72.5	34	0.073	0.78	95.8	7.6	5	2.7	306	0.11	3.9	1.5	0.124	0.18	2.6
B398642		3.5	99.7	0.003	0.09	1.15	12	2	1.3	15.3	0.6	0.07	12.3	0.219	0.28	2.4
B398643		3.4	76.5	0.004	0.12	0.87	11.6	2	0.9	19.6	0.61	0.07	14.2	0.215	0.26	2.8
B398644		6.7	117.5	0.003	0.05	0.72	12.9	1	1.2	14.8	0.56	0.06	13.1	0.225	0.37	2.7
B398645		6.4	28.6	0.002	0.21	0.65	10	2	0.5	21	0.63	0.06	14.6	0.21	0.13	3.5
B398646		2.9	24.6	0.003	0.05	0.77	10.1	1	0.4	23.9	0.52	<0.05	10.4	0.202	0.11	3.8
B398647		3.4	24.3	0.002	0.04	0.68	9.6	1	0.4	20.3	0.5	<0.05	10.8	0.195	0.1	3.5
B398648		2.8	29.1	0.002	0.01	0.46	12.7	1	0.4	18.4	0.56	<0.05	11	0.205	0.08	3.9
B398649		14.3	17.5	0.002	0.04	1.3	9.7	2	0.2	15.2	0.35	<0.05	31.2	0.135	0.04	167.5
B398650		3.2	24	0.005	0.03	0.69	10	2	0.4	22.6	0.61	0.05	15.3	0.231	0.08	6.1
B398651		6.3	19.2	0.006	0.28	0.74	9.9	2	0.4	27.1	0.63	0.08	11.7	0.215	0.11	2.8
B398652		6.4	11.3	<0.002	0.16	0.63	10	1	0.3	24.7	0.54	0.05	13.7	0.191	0.05	14.8
B398653		2.7	18.3	<0.002	0.38	0.49	9.7	1	0.3	30.2	0.38	0.07	12.8	0.129	0.05	2.8
B398654		2.1	8.5	<0.002	0.22	0.38	10	1	0.3	20.6	0.22	<0.05	9.3	0.079	0.03	1.6
B398655		8.2	37	0.013	0.15	1.14	8.7	1	0.4	15.9	0.39	0.08	12.8	0.149	0.17	3
B398656		2.3	147	0.002	0.07	1.64	8.3	2	1.9	11.8	0.34	<0.05	14.8	0.188	0.24	3.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 20-NOV-2007
Account: EIAFRG

Project: Werneckes - B

CERTIFICATE OF ANALYSIS TR07100558

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
B398621		77	4.6	14.8	6	106.5
B398622		62	3.1	9.9	12	36.8
B398623		74	3.2	10.6	37	52.8
B398624		45	2.7	10.1	48	47.7
B398625		33	3	14.3	35	56.7
B398626		1	0.1	2.4	4	29.3
B398627		33	4.8	10.3	3	144
B398628		37	4.1	11.5	7	147.5
B398629		57	3.2	16.1	6	145
B398630		49	5.7	12.7	4	179
B398631		61	2.5	14.9	5	117.5
B398632		65	2.7	18.5	6	129
B398633		58	2.8	17.3	7	122
B398634		59	2.8	17	10	121.5
B398635		72	3.2	15.6	12	98.1
B398636		62	3.1	13.7	19	57.7
B398637		54	2.9	14.2	7	84
B398638		83	3.2	15.5	10	113
B398639		178	8.5	20.1	8	198.5
B398640		89	2.2	18.9	7	114.5
B398641		67	16.1	11.3	116	29.5
B398642		70	2	16	5	111.5
B398643		73	2.2	17.3	8	124
B398644		76	2.3	16.6	5	117.5
B398645		62	1.8	19.2	8	123.5
B398646		67	1.9	15.7	10	112
B398647		75	1.7	16.8	10	114.5
B398648		92	1.6	16.1	5	119
B398649		92	2.3	33.7	12	103
B398650		75	1.8	18.8	7	141
B398651		58	1.8	16.7	10	129.5
B398652		58	1.6	16.4	9	120.5
B398653		37	1.2	16.5	6	121.5
B398654		23	1.2	10.8	4	55.8
B398655		57	1.3	15.7	9	100
B398656		73	1.4	14.5	5	86.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 8-NOV-2007
Account: EIAFRG

CERTIFICATE TR07122557

Project: Werneckes

P.O. No.: FRG07-01

This report is for 93 Drill Core samples submitted to our lab in Terrace, BC, Canada on 8-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 8-NOV-2007
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CERTIFICATE OF ANALYSIS TR07122557

Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
B398657	5.87	<0.005		0.07	10.55	2.9	720	2.62	0.03	0.06	0.03	115.5	5.3	74	3.28
B398658	5.94	<0.005		0.04	10.75	4.9	640	2.65	0.03	0.08	<0.02	117.5	6.9	68	2.99
B398659	5.73	<0.005		0.02	9.7	2.3	680	2.55	0.01	0.11	<0.02	96.8	4.6	62	2.85
B398660	5.13	<0.005		0.04	9.94	5.4	590	2.68	0.03	0.07	<0.02	96.1	8.5	61	3.49
B398661	0.05	<0.005		0.02	0.15	0.6	20	<0.05	<0.01	0.01	0.02	3.2	0.1	1	0.06
B398662	5.79	<0.005		0.02	9.23	3.4	410	2.67	0.03	0.23	<0.02	65.2	6.5	62	2.43
B398663	2.37	<0.005		0.07	8.33	4.1	380	2.61	0.05	0.14	<0.02	68.7	16.5	55	2.52
B398664	2.56	<0.005		0.04	7.2	2.6	50	0.95	0.1	5.33	0.02	41.8	6.6	45	0.41
B398665	5.60	<0.005		0.12	5.63	26	200	1.84	1.86	8.86	<0.02	44.2	58.5	22	2.16
B398666	3.28	<0.005		0.13	5.35	16.3	80	1.66	0.8	7.02	0.03	59.4	22.9	19	1.04
B398667	6.87	<0.005		0.29	5.82	10.7	80	1.61	1.56	4.86	0.03	84.3	29.6	23	0.97
B398668	5.81	<0.005		0.09	4.6	4.9	60	1.38	0.56	8.05	<0.02	46.5	7.9	22	0.76
B398669	4.96	<0.005		0.17	3.93	7	70	1.05	0.77	11.7	<0.02	33.8	13.6	17	1.65
B398670	5.28	<0.005		0.2	4.9	11.9	180	1.77	0.53	9.26	0.02	47.3	8.9	21	2.14
B398671	0.06	1.130	1.04	36.1	4.37	1285	500	0.51	32.9	6.59	<0.02	22.5	40.8	262	1.15
B398672	5.41	<0.005		0.27	5.12	21.7	170	1.67	0.44	8.17	0.1	55	8	27	2.07
B398673	7.67	<0.005		0.12	4.68	12.7	170	1.58	0.21	7.83	0.03	55.8	6.5	21	1.95
C287529	3.14	0.006		0.18	6.99	4.5	1680	0.87	0.12	2.35	<0.02	129	66	41	2.61
C287530	4.93	<0.005		0.11	6.57	3.1	2010	0.65	0.14	3.74	0.02	121.5	29.5	35	1.43
C287531	3.01	0.005		0.07	6.83	2.6	1680	0.93	0.1	2.07	0.02	97.6	60.2	39	2.64
C287532	4.45	0.006		0.14	6.83	2.3	2060	0.55	0.25	2.91	<0.02	94.5	33.4	41	1.26
C287533	4.22	<0.005		0.17	6.76	2.6	1540	0.72	0.2	2.52	0.02	125.5	53.7	39	1.66
C287534	5.04	<0.005		0.14	6.83	3	2240	0.73	0.2	2.88	0.02	127	47.9	40	1.49
C287535	2.41	<0.005		0.16	6.68	2.9	2120	0.59	0.18	3.01	0.06	141.5	35.2	40	1.31
C287536	1.82	<0.005		0.05	7.29	2.7	1790	0.81	0.11	3.15	0.03	64.5	51.8	41	2.11
C287537	2.78	<0.005		0.06	6.84	2.9	1600	0.92	0.14	3.07	0.03	83.9	54	40	2.31
C287538	4.31	<0.005		0.08	7.14	3.5	2450	0.6	0.2	3.68	<0.02	113	47.5	41	1.43
C287539	3.74	0.007		0.18	7.3	2.7	1840	0.95	0.3	2.28	0.04	80.1	72.4	46	2.78
C287540	3.14	<0.005		0.14	7.02	3	2950	0.69	0.27	3.55	0.02	78.5	57.5	40	2.01
C287541	4.06	<0.005		0.08	7.56	3.2	2060	0.85	0.13	2.56	0.02	133.5	73.7	48	2.84
C287542	3.33	<0.005		0.07	7.37	2.7	1990	0.78	0.12	2.35	<0.02	189.5	74	45	2.79
C287543	0.06	0.937		37.9	4.4	1380	530	0.53	35.6	7.11	0.61	24.8	42.5	270	1.24
C287544	3.84	0.006		0.14	7.2	3.2	2550	0.84	0.25	2.46	<0.02	117.5	71.9	44	2.23
C287545	4.16	<0.005		0.05	7.17	2.6	1800	0.87	0.08	1.94	<0.02	122.5	75.6	44	2.7
C287546	2.06	0.019		0.17	6.7	4.4	3070	1.1	0.31	2.23	0.03	65.6	81.7	41	2.69
C287547	3.03	0.043		0.46	7.21	3.8	2230	1.79	1.37	1.46	<0.02	100	55.9	44	3.03
C287548	3.47	0.010		0.12	7.28	2.7	900	2.46	0.35	2.93	<0.02	168.5	43	42	3.08
C287549	4.85	0.018		0.2	7.38	3.3	3080	1.45	0.64	2.88	0.03	133.5	55.5	44	3.32
C287550	4.54	<0.005		0.06	6.86	5.3	1160	1.04	0.32	2.87	0.02	146.5	42.2	41	2.07
C287551	1.49	<0.005		0.04	7.46	21.5	890	1.32	0.15	3.1	0.05	167	55.7	44	2.95

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 8-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
B398657		26.2	0.75	27.9	0.17	3.7	0.045	4.96	58.9	8	0.26	29	1.04	0.14	7.4	13.3
B398658		23.4	0.7	27.8	0.18	4	0.04	4.95	60.7	6.7	0.24	28	0.59	0.15	9	10.9
B398659		58.7	0.63	25.9	0.15	3.6	0.033	4.46	48	6.4	0.22	26	0.58	0.15	9.6	8.6
B398660		31.6	0.88	26.1	0.15	2.9	0.035	4.45	47	13.5	0.33	75	1.65	0.32	7.4	11.5
B398661		2.2	0.03	0.39	0.05	0.9	<0.005	0.04	1.8	2.5	0.01	<5	0.18	0.01	0.2	1.3
B398662		27.9	0.87	27.1	0.11	3.3	0.032	2.8	33.9	14.6	0.38	114	2.07	3.14	7.9	14.4
B398663		21.5	0.92	27.3	0.13	3	0.03	2.77	36.8	13.2	0.34	91	1.32	2.21	6.7	17.2
B398664		3.8	2.94	15.3	0.12	1.7	0.036	0.37	23	11.5	2.17	4230	1.54	5.01	3.8	23.1
B398665		14.6	4.04	14.45	0.12	2.6	0.083	1.85	24.1	20.9	4.49	4380	3.66	1.22	4.4	39.9
B398666		8.7	2.52	14.5	0.12	2.7	0.049	0.68	32.5	15.4	3.41	3570	6.04	3	5.9	14.2
B398667		14	2.36	13.95	0.13	2.7	0.084	0.55	44.2	18.3	2.45	3580	8.3	3.48	6.7	18.2
B398668		5.2	2.11	10.6	0.11	1.9	0.049	0.73	24.2	6.5	3.87	3450	2.86	2.49	4.9	12.1
B398669		30.4	3.5	8.64	0.09	1.9	0.074	0.92	17.3	25.9	5.78	5870	4.53	1.36	3.1	16.2
B398670		35.6	2.75	11.5	0.11	2.5	0.045	1.79	24.4	16	4.73	3300	2.34	0.83	5.4	13
B398671		4420	4.25	12.55	0.25	0.8	0.215	1.41	16.5	12	0.78	1720	708	0.68	1.7	20
B398672		66	2.62	11.7	0.11	2.1	0.039	2.1	27.7	18.7	4.11	3200	5.15	0.45	5.1	14.3
B398673		25.3	2.26	11.05	0.12	2	0.029	1.96	28.2	10.7	3.91	2960	1.47	0.33	5	11.8
C287529		35.7	7.63	19.5	0.2	2.3	0.035	5.74	78.7	31.4	3.16	936	4.45	0.04	6.3	39.8
C287530		30.7	6.93	16.55	0.2	2.7	0.066	6.98	73.1	16.4	2.42	1370	2.71	0.05	3.6	13.6
C287531		10.7	6.45	26.7	0.22	2.8	0.048	6.54	58.2	38.2	2.5	781	2.51	0.04	4.9	40.1
C287532		3.9	6.88	15.7	0.19	2.1	0.039	6.63	56.8	16.9	2.29	1020	2.93	0.04	3.1	17.7
C287533		27.5	7	22.7	0.26	2.8	0.04	6.78	75.9	26.2	2.44	953	5.88	0.04	4.9	26.5
C287534		20	7.12	21.1	0.25	2.6	0.043	6.85	77	24.6	2.45	1100	5.91	0.04	4.4	26.1
C287535		21.6	6.97	17	0.24	2.4	0.033	6.96	86.1	16.4	2.19	1155	4.78	0.04	4.2	17.6
C287536		26.3	6.6	20.1	0.2	2.3	0.04	5.51	37.7	30.3	3.17	1070	1.42	0.04	4.6	29.8
C287537		24.7	6.58	21.8	0.21	2.5	0.043	6.17	49.5	31.9	3	1020	1.34	0.04	5.3	31
C287538		139.5	7.37	19.2	0.25	2.6	0.06	6.1	68	22.3	2.9	1315	3.7	0.05	4.8	22.8
C287539		49.8	7.52	24.3	0.22	2.6	0.043	6.13	47	33.9	3.27	787	10.15	0.04	5.6	36.4
C287540		226	7.25	21.6	0.23	2.6	0.048	6.84	46.2	28.2	3.17	1245	5.06	0.04	5.5	25.2
C287541		15.5	8.25	24.6	0.28	2.7	0.037	6.77	80.3	34.7	3.29	904	3.58	0.04	6.5	35.3
C287542		6.3	8	23.9	0.28	2.7	0.03	6.64	102.25	34	3.19	825	2.61	0.04	5.8	35.2
C287543		4580	4.58	14.3	0.22	0.7	0.199	1.53	18.5	12.7	0.84	1795	741	0.68	1.6	20.4
C287544		41.5	7.93	21.9	0.25	2.7	0.101	6.89	70.1	33.2	2.99	878	4.28	0.03	6.2	29.1
C287545		8.6	7.95	23.3	0.27	2.6	0.028	6.09	73.1	39	3.11	686	3.09	0.03	6.6	32.3
C287546		112.5	7.2	23.5	0.24	2.5	0.034	5.69	38.6	44.2	3.42	858	18.8	0.02	6.9	33.8
C287547		3.7	8.45	24.1	0.26	2.6	0.045	5.87	59.8	39.4	2.58	493	15.6	0.03	6.9	25.5
C287548		4.3	6.37	26.7	0.26	2.6	0.089	5.4	99.8	48.6	2.99	915	4.37	0.03	6.5	29.4
C287549		2.2	7.33	19.65	0.25	2.7	0.052	6.33	77.9	40.8	3.42	1000	5.82	0.03	6.6	29.4
C287550		2.6	6.97	15.5	0.28	2.4	0.039	6.92	86.1	30.8	2.92	979	4.91	0.04	5.1	23.8
C287551		6.2	8.22	17.65	0.29	2.6	0.051	6.86	95.2	42.7	3.64	1050	3.92	0.04	6.9	30.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07122557

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
B398657	290	3.2	223	<0.002	0.03	1.41	11.3	1	2	11	0.54	<0.05	19.1	0.27	0.33
B398658	340	3	223	<0.002	0.03	1.28	12.3	2	2.1	8.6	0.65	<0.05	20.1	0.3	0.28
B398659	500	2.2	205	<0.002	0.03	1.38	13.7	2	2.1	8.8	0.67	<0.05	17.4	0.292	0.28
B398660	280	1.9	197	<0.002	0.03	1.25	11.6	2	2.6	8.3	0.54	<0.05	17.5	0.268	0.29
B398661	30	2.6	2.1	<0.002	0.01	<0.05	0.4	1	0.4	2.2	<0.05	<0.05	0.5	0.008	<0.02
B398662	390	1.7	131.5	0.002	0.04	1.31	18	1	3.5	23.6	0.54	<0.05	17.1	0.234	0.23
B398663	270	1.7	138.5	<0.002	0.08	1.22	17.6	1	4.1	20.7	0.42	<0.05	15.1	0.201	0.23
B398664	690	1.9	20.3	<0.002	0.08	1.03	9.6	1	1.6	52	0.3	0.06	16	0.124	0.05
B398665	490	2.3	95	0.002	1.1	0.66	8.1	2	1.6	33.9	0.31	0.05	10.7	0.129	0.2
B398666	530	2.7	35.2	<0.002	0.54	0.78	8.8	1	1.7	32.9	0.38	0.06	10.6	0.116	0.09
B398667	490	4.2	28.4	<0.002	0.69	0.91	8.8	2	0.9	23.1	0.46	<0.05	10.7	0.153	0.1
B398668	510	1.9	36.1	<0.002	0.14	0.43	7	1	0.8	30.4	0.34	<0.05	8.6	0.125	0.08
B398669	400	2.8	49.8	<0.002	0.22	0.67	5.4	1	0.9	39.3	0.22	<0.05	7.3	0.076	0.12
B398670	390	3.7	93.7	<0.002	0.25	1.18	6.6	1	1.3	33.2	0.36	<0.05	8.9	0.125	0.21
B398671	530	67.6	33.4	0.074	0.73	82.4	6.7	4	2.6	280	0.13	3.81	1.4	0.116	0.2
B398672	460	5.4	104.5	<0.002	0.16	1.13	7.1	1	1.3	29.3	0.34	<0.05	9	0.131	0.22
B398673	380	2.8	102	<0.002	0.14	0.77	6.5	1	1.2	29.6	0.33	<0.05	8.2	0.125	0.24
C287529	710	4.7	148.5	<0.002	0.03	2.62	11.1	2	3.7	21.7	0.52	0.1	14.7	0.206	0.29
C287530	640	5.7	94.8	<0.002	0.03	2.51	12.2	1	3.7	30.6	0.36	0.09	16	0.171	0.34
C287531	640	5.1	132.5	<0.002	0.01	2.77	13.2	2	3.2	19.5	0.48	<0.05	16.5	0.18	0.36
C287532	660	4.1	91.2	<0.002	0.02	1.98	10.2	1	2.6	23	0.29	0.09	13	0.17	0.29
C287533	610	5.2	116	0.003	0.02	2.61	12.7	2	3.3	21	0.47	0.07	16.4	0.174	0.33
C287534	630	5.3	112.5	0.002	0.03	2.6	12.8	2	3.5	26.9	0.41	0.1	16.9	0.18	0.33
C287535	630	6.2	89.5	0.002	0.03	2.4	11.6	2	3.2	23.8	0.4	0.09	14.4	0.182	0.28
C287536	670	3.8	137	<0.002	0.02	2.29	12.3	2	2.5	18.9	0.43	<0.05	13.4	0.199	0.27
C287537	630	4.7	126.5	<0.002	0.01	2.59	13.4	1	2.8	20.3	0.48	<0.05	16	0.199	0.33
C287538	700	5.3	103	0.003	0.05	2.48	12.6	3	3.2	31.3	0.43	0.07	15.8	0.184	0.3
C287539	710	3.8	142	0.003	0.02	2.86	13	3	3.4	20	0.53	0.12	15.8	0.212	0.35
C287540	670	5.8	120	0.002	0.07	2.62	13.2	3	3.2	30.4	0.48	0.09	16	0.196	0.3
C287541	710	4.5	127.5	0.002	0.02	3	13.6	3	3.3	21.6	0.59	0.06	17.2	0.229	0.29
C287542	700	4	119.5	0.002	0.02	2.73	14.3	3	3.1	20.6	0.54	0.05	16.7	0.226	0.31
C287543	550	74	33.1	0.071	0.79	95.5	5.9	5	3.2	281	0.09	3.78	1.5	0.126	0.21
C287544	680	4.3	132	<0.002	0.04	2.76	12.5	3	3.1	26.8	0.58	0.06	16.3	0.22	0.28
C287545	700	3.7	123	0.003	0.02	2.75	12.7	3	2.9	21.6	0.61	<0.05	16.3	0.214	0.27
C287546	740	5.9	160	0.008	0.09	2.78	11.7	4	3.5	32.7	0.6	0.06	15.3	0.202	0.29
C287547	920	5.5	194	0.015	0.04	2.92	13	5	5.3	25.6	0.51	0.4	15.8	0.194	0.29
C287548	700	3.3	243	0.004	0.01	2.65	14.2	3	4.2	16.7	0.56	0.08	16.2	0.232	0.33
C287549	670	4.4	130.5	0.002	0.06	3.05	12.6	3	3.2	61.6	0.6	0.13	15.3	0.219	0.35
C287550	610	4.1	116.5	0.008	0.01	2.74	12	4	3	21.2	0.44	0.08	14.4	0.168	0.28
C287551	680	3.4	156	0.002	0.01	3.56	13.7	3	3.3	22.1	0.62	<0.05	15.7	0.214	0.33

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
B398657		4.2	94	1.9	16	5	118.5	
B398658		5	94	1.8	16.4	3	126.5	
B398659		3.7	88	1.7	15.4	2	120	
B398660		3.5	87	2.1	13.9	5	98.9	
B398661		0.3	1	0.1	2	4	27.6	
B398662		3.7	107	2.2	13.1	5	108.5	
B398663		3.6	101	2.6	12.2	4	101	
B398664		2.1	103	3.3	8.1	7	61.5	
B398665		4.4	49	2.1	18.1	11	81.4	
B398666		3.1	35	2.4	14.8	14	86.2	
B398667		3.2	39	2.7	14.6	22	88.1	
B398668		2.7	38	1.2	12.4	7	65.8	
B398669		2.5	26	1	14.7	14	63.5	
B398670		2.5	32	1.1	11.9	20	76.8	
B398671		2.7	62	17	9.5	110	21.7	
B398672		2.4	38	1.1	11.4	69	71.1	
B398673		2	34	1	10.6	16	65.4	
C287529		11.2	71	8.4	14.2	25	74.6	
C287530		6.4	65	5.2	14.9	15	68.4	
C287531		5.7	66	5.2	13.5	22	72.6	
C287532		5	65	3.9	11.7	13	57.8	
C287533		7.8	67	5.4	13.9	16	75.1	
C287534		10.9	68	5.6	13.9	21	72.8	
C287535		9.4	65	5.1	13	19	66.7	
C287536		9.3	69	4.5	11.3	20	62.2	
C287537		9.3	66	5	13.3	22	70.1	
C287538		13.7	68	5.7	14.7	19	71.1	
C287539		9.2	70	6.2	13.3	22	74.6	
C287540		10.7	66	6	14.9	16	73.3	
C287541		9.5	73	6.5	14.8	21	77.2	
C287542		11.1	71	5.5	13.2	15	74.2	
C287543		2.6	63	16.2	10.2	118	19.6	
C287544		10.4	69	5.8	14.5	22	73.2	
C287545		13.4	67	6.1	13	17	75.1	
C287546		13	68	8.5	14.8	17	69.6	
C287547		20.3	78	11.9	13.3	14	74.1	
C287548		10.1	74	7.9	16.6	15	72	
C287549		5.8	72	6	13.4	18	76.4	
C287550		8.1	55	5.5	12.3	14	68.7	
C287551		6.6	67	9.3	14.7	22	72	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C287552		3.53	0.006		0.06	7.17	2.9	940	2.08	0.12	3.28	0.02	145	52.5	40	3.19
C287553		1.96	0.010		0.13	6.81	3.3	1200	1.72	0.15	2.58	0.02	132	47.1	43	3.36
C287554		0.05	0.005		0.01	0.1	<0.2	20	0.05	0.01	0.03	<0.02	4.46	1	1	0.07
C287555		2.67	0.005		0.05	7.05	3.2	1900	1.16	0.09	1.24	<0.02	64.5	65.3	43	2.38
C287556		1.70	<0.005		0.03	7.5	5	1360	3.01	0.07	1.25	0.02	23.3	40.8	50	4.17
C287557		4.65	0.017		0.51	7.68	10.5	860	2.58	0.28	2.07	<0.02	121	54.6	48	4.51
C287558		3.85	0.007		0.11	7.56	4.3	2410	1.49	0.37	1.99	0.02	72.8	70.5	44	3.45
C287559		3.00	<0.005		0.05	7.25	3.9	1080	3	0.07	0.49	<0.02	61	79.4	46	4.85
C287560		3.59	<0.005		0.02	7.42	4	680	2.92	0.05	0.75	<0.02	91.9	96.1	46	4.81
C287561		4.93	<0.005		0.02	7.54	4.3	1570	3.53	0.06	0.82	<0.02	60.4	71.5	48	4.32
C287562		3.44	<0.005		0.04	7.25	5	240	4.27	0.09	1.37	<0.02	65.6	68.3	45	4.8
C287563		3.30	<0.005		0.05	6.9	6	240	4.14	0.13	0.97	<0.02	33.1	64.8	45	4.02
C287564		5.03	0.006		0.06	7.39	5.6	1920	1.83	0.19	1.43	0.02	39.9	43.8	47	2.41
C287565		3.74	<0.005		0.06	6.78	7.7	2340	0.95	0.19	1.27	<0.02	92.8	53.2	42	1.61
C287566		3.54	0.005		0.05	7.22	9.4	1300	1.21	0.16	0.83	0.02	26.6	53.3	54	2.16
C287567		4.84	0.008		0.15	7.14	6.8	2940	0.94	0.38	1.39	<0.02	184	47.7	45	1.89
C287568		5.40	0.006		0.14	7.48	6.8	1310	1.89	0.23	0.98	<0.02	124.5	66.8	48	3.24
C287608		8.16	<0.005		0.04	7.6	6.1	1120	1.88	0.15	1.58	<0.02	105.5	39.4	45	3.08
C287609		8.26	0.006		0.57	6.98	4.9	940	2.1	0.16	2.1	<0.02	92.5	39.7	39	2.97
C287610		8.18	<0.005		0.12	7.16	5.2	1140	2.05	0.22	2.92	<0.02	91.8	35.9	41	2.94
C287611		6.00	<0.005		1.02	6.57	4.4	1360	1.4	0.2	2.59	0.02	90.3	33.4	37	2.57
C287612		3.68	<0.005		0.13	7.07	4.4	1280	1.72	0.09	3.27	0.02	72.5	32.1	36	3.42
C287613		3.56	<0.005		0.08	7.71	4.4	1580	1.72	0.08	3.14	0.02	85.3	36.2	41	3.57
C287614		5.28	<0.005		0.06	6.9	3.2	950	1.22	0.15	3.23	0.03	63.9	29.7	34	2.61
C287615		8.94	0.063		0.58	7.28	3.8	2650	1.85	1.53	2.66	<0.02	151.5	39.9	42	2.91
C287616		5.60	<0.005		0.08	7.41	4.8	500	1.88	0.09	2.53	0.02	124.5	43.6	41	4.24
C287617		6.29	0.019		2.28	6.69	4.5	2690	1.37	0.5	3.77	0.07	126.5	36.7	43	2.1
C287618		7.18	0.065		0.69	6.44	3.4	3360	1.17	1.35	2.6	<0.02	107.5	31.6	40	2.15
C287619		6.77	<0.005		0.16	6.72	6.1	630	1.58	0.16	4.2	0.08	62.3	25.8	35	2.53
C287620		4.15	0.005		0.07	7.17	5.1	510	2.19	0.13	2.08	<0.02	88.8	53.7	41	5.32
C287621		4.18	0.285		0.78	6.95	4.1	1510	1.53	1.02	0.86	<0.02	110.5	73.8	46	3.79
C287622		5.49	0.080		0.18	6.73	6.7	2360	0.89	0.33	2.93	0.02	102.5	37.4	41	1.65
C287623		5.12	0.055		0.24	6.65	4.5	3170	1.09	0.25	3.45	<0.02	91.9	23.6	39	1.68
C287624		5.60	0.014		0.21	6.94	4.9	1440	1.15	0.27	1.83	<0.02	95.9	56.3	41	3.02
C287625		5.77	0.013		0.1	6.75	6.7	440	2.96	0.18	0.96	<0.02	20.9	59.7	42	4.73
C287626		6.89	0.011		0.97	0.28	22.4	280	0.22	0.97	0.07	<0.02	156.5	8.8	17	0.18
C287627		6.57	0.025		0.75	7.69	12.1	1450	0.85	0.36	1.15	0.02	50.3	56	49	2.21
C287628		6.29	0.012		0.3	6.49	20.6	390	1.87	0.24	0.4	<0.02	76.8	14.6	37	1.54
C287629		2.81	0.014		0.48	6.15	14.3	510	1.77	0.78	0.45	<0.02	133	22.9	33	2.03
C287630		5.69	0.014		0.26	6.8	17.8	380	2.03	0.32	0.5	<0.02	162.5	6.4	36	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-NOV-2007
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CERTIFICATE OF ANALYSIS TR07122557

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C287552	34.7	6.97	22.9	0.25	2.4	0.094	5.65	84.8	47.9	3.56	1210	3.4	0.03	5.6	32.1
C287553	54.6	7.1	21.8	0.23	2.3	0.081	5.79	77.9	40.7	2.74	1075	6.02	0.03	4.9	34
C287554	2.5	0.07	0.59	0.05	0.9	<0.005	0.04	2.7	2.6	0.02	10	0.15	<0.01	0.2	1.1
C287555	33	6.83	22.5	0.22	2.3	0.051	5.77	37	38	2.59	602	2.15	0.03	3.7	32.8
C287556	24.8	7.42	19.9	0.19	2.5	0.064	5.66	13.3	52.5	2.22	451	2.28	0.04	4.5	22.2
C287557	45.1	6.98	25.5	0.26	2.5	0.086	6.25	69.7	60	2.83	670	9.25	0.04	5.3	41.2
C287558	12.9	7.64	23.3	0.23	2.4	0.065	6.64	41.4	46.6	3.17	864	8.05	0.04	4.4	33.2
C287559	3.2	8.8	21.3	0.25	2.5	0.04	5.01	36.9	57.6	3.29	249	1.86	0.03	5.3	32.4
C287560	1	8.83	30.1	0.25	2.2	0.046	4.57	53.7	65.2	4.04	411	1.05	0.03	4.6	42.1
C287561	0.9	7.5	23.9	0.2	2.1	0.053	4.82	34.5	52.8	3.29	368	1.07	0.03	3.8	30.2
C287562	3.6	8.61	21.8	0.23	2.4	0.057	4.06	39.6	56.4	3.38	573	1.86	0.03	4.5	27.9
C287563	2.1	9.04	17.25	0.1	2.2	0.095	3.89	20.2	52.1	3.12	440	1.41	0.03	3.7	28.3
C287564	24.3	7.88	15.75	0.12	2.2	0.077	5.71	24.2	30.1	2.25	716	5.6	0.04	4	28.3
C287565	23.8	8.56	15.5	0.18	2.2	0.041	6.25	56.5	26.6	2.32	573	2.53	0.04	3.8	32
C287566	5.1	9.55	17.65	0.12	2.2	0.03	6.63	14.5	32.2	2.02	374	2.48	0.04	4.5	35.8
C287567	568	8.99	16.3	0.24	2.1	0.034	6.15	110	25.9	2.22	609	4.72	0.04	4.3	28.6
C287568	93.7	8.14	19.55	0.2	2.5	0.044	5.77	72.2	43.4	3.2	505	7.04	0.04	5.2	42.7
C287608	2.5	8.6	18.3	0.18	2.2	0.032	5.94	60.5	50.9	3.21	1675	1.39	0.05	5	33.5
C287609	4.2	7.45	17.9	0.17	2.1	0.03	5.54	55.2	54.9	3.56	1865	5.53	0.04	5.5	33.2
C287610	4.4	8.8	17.9	0.16	2.2	0.036	5.13	53.7	53.3	3.93	2330	2.39	0.04	5.5	31.2
C287611	16.5	6.41	16.55	0.14	2.2	0.036	4.63	52.6	46.1	3.26	2130	3.08	0.04	3.9	29.9
C287612	15	6.08	18.6	0.13	2.4	0.037	5.97	42.2	52.3	3.56	1940	2.16	0.05	3.4	32.2
C287613	22.4	6.98	19.4	0.15	2.4	0.035	6.21	49.4	59.6	3.77	1905	1.87	0.05	4.1	34
C287614	8.4	6.44	12.95	0.11	1.8	0.027	5.38	37.3	44.7	3.79	2150	1.86	0.04	3.1	24.1
C287615	18.3	8.41	18.25	0.21	2.3	0.055	5.75	97.8	57.8	3.4	2110	11.4	0.03	4.5	30.4
C287616	5.7	6.2	19.2	0.17	2.6	0.06	6.22	73.3	51.8	3.83	1145	3.08	0.04	5.2	34.2
C287617	27.6	8.09	16.3	0.18	2.2	0.068	5.5	75.6	43.2	3.53	2030	7.56	0.04	4.1	27.3
C287618	142	7.36	16.4	0.15	2.1	0.051	5.24	65.4	33.6	2.5	1120	10.9	0.04	5.2	26.8
C287619	71.3	5.71	16.2	0.12	2.2	0.126	5.27	35.7	30.1	3.21	2270	8.05	0.05	3	26.6
C287620	4.3	6.87	19.85	0.16	2.5	0.034	5.49	52.8	61.2	4.25	855	3.14	0.04	6.6	36.6
C287621	12.9	8.22	19	0.18	2.4	0.026	4.93	68.7	57.8	3.08	382	82	0.04	6.8	40.2
C287622	250	7.65	16.25	0.16	2.1	0.056	5.76	62.9	22.2	2.56	1245	6.37	0.04	4.8	30.4
C287623	47.3	6.4	16.45	0.15	2.3	0.066	5.37	55.6	20.3	2.47	1455	23.5	0.04	3.2	21.9
C287624	4.6	7.88	18.3	0.16	2.1	0.042	5.99	60.7	44.7	3.26	799	8.59	0.04	4.7	39.5
C287625	25.7	9.47	18.05	0.11	0.9	0.049	4.77	12.1	70.4	4.05	515	5.22	0.03	4.4	34.3
C287626	32.9	35.3	1.86	0.3	0.5	0.005	0.22	154	2.3	0.06	23	34	0.01	11.5	10.3
C287627	69.5	7.11	19.55	0.14	2.5	0.041	5.98	33	32.5	2.18	599	13.55	0.05	4.9	40.5
C287628	29.9	12.1	10.35	0.18	1.2	0.033	3.86	57.9	31	0.85	180	43.6	0.03	8.1	11.1
C287629	34.5	9.57	12.55	0.18	1.8	0.04	4.3	132.5	31.9	0.96	214	27	0.04	6.5	21.8
C287630	133.5	12.1	6.04	0.22	1.3	0.04	3.62	114	24.4	0.58	212	24.6	0.05	7.8	5.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07122557

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C287552	740	3.4	214	<0.002	0.02	2.99	15.1	3	3.8	18.6	0.47	<0.05	16.4	0.189	0.31
C287553	740	4.4	169	0.005	0.06	2.99	14.1	3	3	18.8	0.43	0.07	15.7	0.168	0.37
C287554	20	1.1	2.4	<0.002	0.01	0.06	0.4	3	<0.2	2.1	<0.05	<0.05	0.6	0.007	<0.02
C287555	610	3.2	130.5	<0.002	0.03	2.16	11.5	3	2.6	19.8	0.32	<0.05	14.4	0.142	0.28
C287556	750	3.2	178	<0.002	0.02	3.58	13.5	3	3	17.7	0.39	<0.05	16.3	0.186	0.36
C287557	800	3.8	252	<0.002	0.02	3.5	14.1	4	3.8	11.3	0.44	0.13	16	0.187	0.43
C287558	690	3.5	171	0.003	0.04	2.56	12.8	5	2.9	26.4	0.38	0.06	14	0.17	0.34
C287559	660	2.4	199	0.002	0.02	3.54	11.3	4	2.9	12.1	0.51	<0.05	13.8	0.196	0.28
C287560	680	2.3	158.5	<0.002	0.01	3.38	14.3	3	3.7	8.9	0.42	<0.05	10.7	0.171	0.27
C287561	700	2.5	178	0.003	0.03	3.68	11.9	2	2.9	14.4	0.35	<0.05	13.5	0.161	0.27
C287562	720	2.6	202	<0.002	0.01	4.31	12.5	4	3.4	6.3	0.41	0.13	15.6	0.183	0.26
C287563	660	2.4	178	<0.002	0.01	3.75	11.9	1	4.4	5.7	0.32	0.07	15	0.178	0.24
C287564	690	3.9	125.5	<0.002	0.04	2.96	9.3	1	3.4	34.3	0.32	<0.05	14.8	0.17	0.29
C287565	680	4.2	136	<0.002	0.04	2.39	9.5	1	2.9	31.2	0.3	<0.05	14.5	0.157	0.22
C287566	740	3.8	124	<0.002	0.02	3.02	8.9	1	2.8	15.8	0.39	<0.05	13.5	0.198	0.3
C287567	730	4.2	114	0.002	0.16	2.64	10.5	1	3.1	48	0.36	0.05	15.3	0.188	0.31
C287568	760	3.5	146.5	0.006	0.19	3.02	13.1	1	3.4	16.6	0.43	0.08	18.2	0.208	0.45
C287608	800	4.3	135.5	<0.002	0.01	3.91	12	1	3.5	23.6	0.42	<0.05	15.8	0.231	0.41
C287609	680	3.8	151.5	<0.002	0.02	3.75	11.5	1	3.5	26.3	0.44	0.05	15.4	0.212	0.37
C287610	720	4.1	128	<0.002	0.02	3.98	11.8	1	4.4	40.2	0.43	0.07	14.9	0.219	0.32
C287611	590	4.1	119	0.002	0.03	3.55	10.5	1	3.3	50.2	0.33	<0.05	14.1	0.171	0.31
C287612	580	3.4	158	<0.002	0.02	3.79	11.7	1	3.1	42.7	0.3	0.05	14.5	0.173	0.32
C287613	670	3.6	147.5	<0.002	0.03	4.11	12.1	1	3.2	36.8	0.33	<0.05	15.6	0.195	0.35
C287614	590	2.7	118.5	<0.002	0.01	2.8	9.1	1	2.5	30.5	0.26	0.05	10.7	0.176	0.25
C287615	870	4.6	153.5	<0.002	0.05	2.99	12.5	2	5.1	93	0.31	0.32	14	0.182	0.33
C287616	640	3.6	175.5	0.003	<0.01	3.92	11.2	1	3.5	17.1	0.44	0.05	15.3	0.222	0.33
C287617	820	4.7	125.5	0.002	0.05	2.37	12.6	1	4.2	65	0.3	0.17	14.4	0.177	0.3
C287618	880	9.8	121	<0.002	0.07	2.26	12.3	2	4.5	48.2	0.33	0.28	13.7	0.176	0.31
C287619	600	11.8	134	<0.002	0.14	4.45	13.3	1	2.7	21.4	0.25	<0.05	14.1	0.139	0.4
C287620	650	3.2	176	<0.002	0.01	4.21	13	1	4	16.5	0.53	0.07	15.1	0.244	0.36
C287621	850	6.8	151	0.043	0.03	3.16	12.3	3	5.2	20.7	0.52	0.37	15.7	0.219	0.39
C287622	760	5.4	121	0.004	0.08	2.47	11.2	1	3.7	31.4	0.37	0.11	14.6	0.198	0.31
C287623	730	6.2	120.5	0.012	0.08	2.47	11.5	2	3.5	46.2	0.27	0.1	14.8	0.172	0.32
C287624	870	4	135.5	0.002	0.02	2.37	11.2	1	3.6	20.8	0.37	0.18	15.2	0.193	0.29
C287625	580	3	123	<0.002	0.03	4	11.5	1	4.8	8.4	0.43	0.06	6.9	0.192	0.48
C287626	940	6	7.6	0.002	0.74	6.87	1.2	2	10.8	75.7	0.2	0.85	3.2	0.078	1.95
C287627	820	4	131	<0.002	0.01	3.11	11.8	1	3.4	18	0.38	0.68	15.1	0.173	0.54
C287628	930	3.6	170.5	0.002	0.11	6.12	6.7	2	8	9	0.38	0.17	13.7	0.17	0.47
C287629	920	6.8	173	0.002	0.48	5.22	8.1	2	6.6	11.1	0.34	0.28	12.2	0.149	1.04
C287630	850	3.9	204	<0.002	0.17	6.26	4.7	2	6.3	9.3	0.43	0.24	10.3	0.169	0.37

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 8-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
C287552		5	69	9.1	16.4	15	68.7	
C287553		6.7	68	7	12.6	11	63.4	
C287554		0.4	<1	0.1	2	3	25.1	
C287555		4.6	61	5.7	8.4	15	64.7	
C287556		4.6	65	5.2	10.4	13	72.1	
C287557		7.5	72	11.2	12.4	14	69.9	
C287558		8.6	62	6.1	9.6	23	68.3	
C287559		8.4	60	4.8	7.9	21	69.1	
C287560		7.8	71	5.2	7.1	21	60.2	
C287561		9	61	3.6	7.3	17	61.6	
C287562		11.5	61	4.4	8.9	20	68.5	
C287563		11.7	70	4	7.8	25	71.2	
C287564		8.9	68	4.5	8.5	14	77.9	
C287565		9.4	62	4.3	8.4	16	73.6	
C287566		15.1	74	3.5	8.5	20	74.9	
C287567		8.4	73	3.5	9.9	19	71.6	
C287568		11.5	81	3.2	12	24	80.9	
C287608		4	82	5.6	11.3	582	76.5	
C287609		5.5	73	12.1	11.1	529	72.2	
C287610		5.8	80	6.4	13.2	370	75.9	
C287611		6.4	67	10	11.5	149	74.7	
C287612		5.6	73	4.3	11.9	38	79	
C287613		5.8	82	4	12.6	49	83.9	
C287614		4.7	71	3.8	9.5	50	61.3	
C287615		11.8	93	8.7	12.6	105	79.7	
C287616		7.1	79	4.1	12.5	22	86.2	
C287617		11.6	86	30.1	15.2	143	72.2	
C287618		9.2	97	9.1	12.7	12	67.4	
C287619		5.7	67	3.5	9.8	27	74	
C287620		6.6	79	6.1	11.3	25	80.8	
C287621		19	83	9.2	13.2	29	78.9	
C287622		13.6	79	7.3	12.6	19	71.3	
C287623		12.8	74	5.7	12.9	11	71.9	
C287624		9	85	8.4	10.4	26	70.6	
C287625		10.9	44	9.5	4.5	32	29.3	
C287626		12.2	64	12.6	3.4	6	16.2	
C287627		7.8	72	12.1	12	33	83	
C287628		6.1	67	17.4	6	16	42.5	
C287629		8.7	60	12.4	8.6	17	59.4	
C287630		3.9	68	16.4	5.6	5	41.5	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C287631		0.06	<0.005		0.03	0.06	<0.2	10	<0.05	<0.01	0.01	<0.02	2.52	0.1	3	<0.05
C287632		6.73	0.006		0.15	7.04	15.4	3040	2.16	0.4	1.26	<0.02	156.5	8	30	1.95
C287633		4.41	0.044		0.31	7.24	8.1	2500	2.12	1.66	1.38	<0.02	67.1	6.7	44	2.36
C287634		5.21	<0.005		0.05	7.36	9.9	390	2.31	0.29	1.48	<0.02	86.6	3.5	42	2.21
C287635		4.83	0.029		0.31	7.16	5.1	1500	1.89	1.19	0.99	<0.02	8.38	13.1	46	2.89
C287636		2.00	0.017		0.09	7.41	4.9	560	1.98	0.39	1	<0.02	19.45	18.3	45	3.41
C287637		2.20	0.026		0.22	7.48	4	1590	1.61	1.88	1.36	<0.02	36.3	11	45	3.87
C287638		3.01	0.011		0.17	7.7	4.5	2270	1.56	0.55	2.03	<0.02	23.4	10.5	47	4.28
C287639		0.04	0.042		0.26	6.97	19.6	60	8.47	12.9	1.68	0.04	15.3	32.2	49	0.79
C287640		2.64	0.009		0.1	7.19	4.3	1540	1.45	0.31	2.22	<0.02	16.3	12.2	44	3.03
C287641		3.22	0.034		0.33	6.57	6.1	2050	1.08	0.96	1.38	<0.02	14.9	14.2	39	2.24
C287642		2.63	0.019		0.17	6	4.7	1580	1.3	0.67	2.29	<0.02	14.45	9.8	35	2.37
C287643		2.67	0.034		0.28	8.05	4.2	1250	1.74	1.47	1.03	<0.02	50.2	9.2	52	3.15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C287631		2.3	0.05	0.09	<0.05	0.8	<0.005	0.02	1.4	1.9	<0.01	<5	0.08	<0.01	0.1	1
C287632		95.1	9.65	6.62	0.17	1.4	0.058	3.87	107	26.6	0.96	611	13.6	0.06	7.5	5.7
C287633		155.5	7.84	25.2	0.15	2	0.142	4.35	42.4	35.8	1.13	746	20.2	0.05	4.7	11.3
C287634		9.1	8.32	10.7	0.15	1.6	0.073	4.08	56.9	30.9	1.12	687	10.45	0.05	5.7	4.5
C287635		21.1	7.99	19.45	0.12	2.2	0.21	4.76	4.7	31.5	1.23	1700	95.8	0.08	3.9	31.5
C287636		1.5	7.27	24	0.13	2.5	0.214	5.24	11.1	87.7	1.84	2600	16	0.08	4.4	63.7
C287637		24.5	5.12	20.1	0.11	2.6	0.154	5.99	21	118	1.86	2060	23.5	0.05	4	56.3
C287638		2.9	6.93	22.2	0.12	2.6	0.115	5.41	13.5	141	2.06	1490	15.35	0.05	4.1	67.6
C287639		118	2.15	64.1	0.07	4.5	0.035	0.26	6.9	321	8.82	331	36.1	0.06	11.5	162.5
C287640		1.3	7.13	20.5	0.13	2.4	0.138	5.36	9.3	77.6	1.69	1610	21.5	0.05	4.4	56.7
C287641		25.8	10.35	15.25	0.13	1.8	0.225	4.87	8.5	54.2	1.22	1750	38.5	0.04	4.3	46.3
C287642		42	7.84	14.65	0.12	2.1	0.234	4.6	8.2	61.3	1.58	2610	27.9	0.04	2.4	43.9
C287643		12.9	7.41	19.8	0.15	2.4	0.181	4.45	28.8	94.5	1.27	1160	45.2	0.05	4	48.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C287631		10	1.5	0.5	<0.002	0.01	<0.05	0.1	1	0.2	1.9	<0.05	<0.05	0.3	0.006	<0.02
C287632		970	3.2	219	<0.002	0.1	5.85	4.9	1	7.4	47.1	0.38	0.08	12.8	0.148	0.26
C287633		730	3.7	287	<0.002	0.11	4.76	20.6	3	7.8	31.7	0.31	<0.05	16.8	0.165	0.3
C287634		720	2.4	238	<0.002	0.01	4.86	6.3	1	5.8	10.6	0.36	<0.05	14.6	0.169	0.25
C287635		710	4.5	242	0.018	0.05	3.72	14.6	2	3.4	29.1	0.29	<0.05	13.6	0.157	0.35
C287636		630	7.2	270	<0.002	0.03	4.64	13.3	2	3	20	0.38	<0.05	18.6	0.161	0.39
C287637		730	16.5	274	<0.002	0.05	5.15	8.9	2	2.6	37.2	0.3	0.07	16.8	0.158	0.43
C287638		730	6.4	239	<0.002	0.06	4.86	8.8	2	2.8	46.1	0.37	<0.05	11.4	0.174	0.49
C287639		960	168.5	8.8	0.003	0.12	0.74	10.8	4	3.7	25.4	1.05	0.16	16	0.239	0.16
C287640		670	3.8	206	<0.002	0.05	3.87	8.2	2	2.9	35.6	0.33	<0.05	14.1	0.165	0.38
C287641		600	7.4	180.5	<0.002	0.06	4.24	10.8	2	5.7	33.9	0.28	0.07	13.5	0.137	0.32
C287642		670	4.3	208	<0.002	0.04	3.39	8.9	2	2.2	38	0.23	<0.05	14.3	0.13	0.29
C287643		760	7.5	168.5	0.003	0.03	4.35	8.7	3	2.9	19.2	0.29	0.06	10.2	0.16	0.47

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07122557

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	U-XRF10 U % 0.01
C287631		<0.1	1	<0.1	1.6	3	24.3	
C287632		3	58	17.3	6.7	5	45.3	
C287633		3.9	70	8.5	10.4	4	63.2	
C287634		2.2	59	11.9	7.3	3	49.7	
C287635		13.2	54	6.7	11.5	6	68.8	
C287636		78.4	67	9.8	12.7	5	80	
C287637		156.5	53	7.9	13.9	5	80.9	
C287638		32.4	72	8.8	14.1	7	80.7	
C287639		1830	246	2.9	33	39	147	0.20
C287640		16.9	70	9.8	12	7	76.7	
C287641		26.9	118	23.4	11.7	14	58.4	
C287642		17.9	60	7	14.7	12	65.8	
C287643		20.7	68	9.9	14.3	13	76.2	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
Account: EIAFRG

CERTIFICATE VA07070665

Project: Werneckes

P.O. No.: FRG07-01

This report is for 138 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07070665

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844701	7.66	<0.005	0.03	5.88	1.7	70	1.62	0.04	9.97	<0.02	39.20	8.4	34	0.62	9.4
E844702	7.30	0.006	0.08	5.32	7	70	2.50	0.13	10.15	<0.02	67.40	10.3	27	0.57	97.5
E844703	7.76	<0.005	0.03	4.95	<5	80	2.10	0.09	11.20	<0.02	69.30	32.1	27	0.71	169.0
E844704	7.06	0.009	0.03	4.51	<5	80	1.57	0.11	11.65	<0.02	37.40	42.6	33	0.66	93.4
E844705	7.26	<0.005	0.03	5.02	<5	100	2.11	0.10	10.30	<0.02	54.00	33.3	19	0.88	212.0
E844706	7.86	0.013	0.09	4.30	3.4	80	1.64	0.20	9.03	<0.02	51.00	38.6	33	0.66	4070.0
E844707	4.34	0.011	0.11	4.96	3.4	80	2.34	0.20	8.60	<0.02	34.90	59.7	24	0.67	2570.0
E844708	4.60	0.019	0.08	4.68	2.8	70	1.99	0.22	7.50	<0.02	36.70	53.1	24	0.65	1470.0
E844709	6.08	<0.005	0.04	4.63	6	110	1.16	0.14	10.60	<0.02	20.70	29.7	15	1.07	821.0
E844710	7.52	0.006	0.03	3.18	14	40	0.82	0.26	20.10	<0.02	45.50	34.1	10	0.40	82.1
E844711	7.52	<0.005	0.04	4.09	5	30	3.30	0.07	16.35	0.02	35.60	2.0	19	0.23	698.0
E844712	7.20	0.006	0.04	4.82	<5	30	2.11	0.10	12.45	0.02	12.85	4.3	24	0.30	1210.0
E844713	7.28	<0.005	0.04	6.81	2.3	30	2.48	0.05	9.72	<0.02	20.80	3.5	31	0.41	302.0
E844714	7.20	<0.005	0.02	4.78	<5	70	1.32	0.07	12.85	<0.02	31.40	7.4	22	0.55	544.0
E844715	7.26	<0.005	0.02	7.01	3.4	60	1.41	0.04	8.85	<0.02	41.70	4.2	28	0.61	341.0
E844716	7.30	<0.005	0.03	7.08	1.7	60	1.75	0.04	9.70	<0.02	52.10	4.1	28	0.62	75.0
E844717	3.22	<0.005	0.02	6.41	1.8	100	0.93	0.13	9.53	0.02	59.10	3.3	29	0.82	95.4
E844718	0.14	0.006	0.53	7.20	5.3	350	76.90	0.54	2.53	0.10	61.10	23.3	96	0.55	66.8
E844719	4.40	<0.005	0.03	6.80	8.6	90	0.82	0.15	3.74	<0.02	27.20	103.0	60	1.34	18.8
E844720	7.04	<0.005	0.19	7.52	2.5	40	0.64	0.04	4.93	<0.02	18.65	34.8	41	0.55	33.8
E844721	7.20	<0.005	0.03	5.91	5	50	0.56	0.02	12.30	<0.02	24.80	3.7	27	0.61	59.8
E844722	7.70	<0.005	0.03	6.95	1.3	110	0.99	0.04	9.54	0.10	500.00	4.1	32	1.06	273.0
E844723	7.36	<0.005	0.02	6.49	8	80	0.83	0.08	10.55	<0.02	188.50	2.5	30	0.77	273.0
E844724	7.50	<0.005	0.02	6.25	8	50	0.89	0.08	10.70	<0.02	71.60	2.6	29	0.48	311.0
E844725	0.08	<0.005	0.01	0.03	<0.2	10	<0.05	0.02	0.01	<0.02	1.78	0.1	4	<0.05	0.8
E844726	7.62	0.020	0.03	7.49	1.6	130	1.20	0.50	6.70	<0.02	13.10	8.2	41	1.45	406.0
E844727	7.66	0.005	0.02	7.71	1.4	120	0.88	0.09	5.13	<0.02	6.60	11.1	47	1.38	310.0
E844728	7.34	<0.005	0.02	7.21	<5	100	1.06	0.07	10.10	<0.02	12.60	3.8	34	1.08	298.0
E844729	7.36	<0.005	0.01	4.45	8	60	0.73	0.06	16.10	<0.02	12.55	4.0	18	0.58	144.5
E844730	3.30	<0.005	0.03	5.76	9	60	2.13	0.05	13.20	<0.02	33.20	7.6	27	0.57	446.0
E844731	4.04	<0.005	0.02	6.18	7	70	1.39	0.04	12.85	<0.02	38.90	5.8	30	0.62	257.0
E844732	7.34	<0.005	0.02	4.94	6	90	1.55	0.05	15.35	<0.02	19.25	9.2	23	0.84	199.0
E844733	2.60	<0.005	0.03	7.05	76.7	810	2.89	0.60	1.99	<0.02	64.20	17.4	33	5.47	65.8
E844734	2.78	<0.005	0.02	5.64	11.8	620	2.01	0.24	6.60	0.02	68.20	8.7	20	3.71	17.0
E844735	2.84	<0.005	0.02	5.53	29.1	560	1.80	0.24	8.64	0.02	69.90	7.1	21	3.23	40.5
E844736	3.04	<0.005	0.05	5.46	30.5	660	2.12	0.24	8.07	0.03	75.90	6.8	26	3.65	70.4
E844737	2.56	<0.005	0.05	4.33	24	530	1.55	0.38	13.60	0.03	49.90	6.3	20	2.59	130.5
E844738	7.00	<0.005	0.03	4.51	17.3	440	1.16	1.58	9.50	0.02	71.40	9.8	18	2.16	10.2
E844739	2.22	<0.005	0.01	4.53	13	560	1.33	0.24	10.65	0.02	60.40	5.5	18	2.59	3.7
E844740	2.26	<0.005	0.01	4.53	13	650	1.42	0.20	11.30	0.03	58.30	6.3	22	2.75	34.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844701		4.92	15.10	0.15	1.1	0.040	0.53	22.0	9.3	0.67	1580	2.18	3.54	3.5	23.0	490
E844702		5.73	12.15	0.17	0.9	0.039	0.54	34.9	3.0	0.12	1175	1.10	3.45	2.8	3.3	500
E844703		5.40	11.85	0.18	1.1	0.046	0.65	35.9	8.3	0.48	1325	5.63	2.79	3.7	17.6	580
E844704		5.12	10.75	0.14	0.9	0.038	0.62	21.3	6.1	0.33	1145	5.36	2.61	3.1	13.8	480
E844705		4.27	11.70	0.15	1.0	0.058	0.82	30.4	5.5	0.21	1340	8.26	2.79	2.9	7.6	500
E844706		6.41	9.77	0.17	1.0	0.090	0.64	29.0	5.3	0.24	1290	1.85	2.51	2.9	9.2	640
E844707		5.90	10.90	0.15	1.2	0.071	0.64	19.3	4.9	0.21	1160	1.49	3.00	3.5	10.1	650
E844708		6.42	10.35	0.16	0.9	0.051	0.58	20.1	11.6	0.54	912	1.24	2.58	3.2	13.2	540
E844709		5.09	14.80	0.15	0.9	0.069	0.94	11.0	19.8	1.38	914	0.70	1.46	4.0	44.3	570
E844710		3.29	9.41	0.15	1.3	0.045	0.22	22.5	5.7	0.48	1285	1.26	1.99	5.6	19.4	490
E844711		2.91	9.36	0.13	0.6	0.051	0.13	17.4	2.2	0.15	1255	1.68	3.03	3.5	1.6	480
E844712		3.19	11.85	0.09	1.0	0.046	0.16	5.5	2.9	0.17	996	0.27	3.54	4.4	3.7	530
E844713		2.60	16.75	0.09	1.4	0.026	0.19	10.9	4.9	0.30	1125	0.35	4.96	6.6	8.3	660
E844714		3.33	11.65	0.11	0.9	0.047	0.50	16.7	4.8	0.26	1630	0.27	3.00	3.7	4.8	560
E844715		1.23	18.85	0.10	1.2	0.042	0.46	23.3	6.4	0.32	1195	0.25	5.46	5.3	8.7	740
E844716		2.52	18.75	0.12	1.1	0.034	0.44	30.1	6.3	0.32	1305	2.37	5.02	5.4	8.0	650
E844717		2.46	16.40	0.12	1.1	0.047	0.69	34.2	7.7	0.42	1735	26.60	3.86	6.2	10.5	580
E844718		4.98	21.80	0.18	4.4	0.054	0.60	31.5	15.6	1.26	536	42.00	4.13	7.9	173.0	640
E844719		10.55	31.10	0.20	1.9	0.052	0.66	15.7	53.0	3.84	1360	9.16	1.82	4.4	124.5	910
E844720		2.29	25.00	0.11	1.5	0.022	0.23	9.8	20.6	1.35	1095	4.08	5.38	9.5	47.2	840
E844721		1.07	15.70	0.08	1.1	0.032	0.45	14.2	9.9	0.59	1010	0.38	3.66	5.4	16.8	580
E844722		1.58	20.80	0.49	1.2	0.068	1.01	273.0	12.2	0.59	1440	0.20	3.79	3.8	15.3	660
E844723		1.41	17.25	0.20	1.1	0.051	0.70	98.5	6.7	0.28	1410	0.13	4.21	3.5	6.2	660
E844724		1.18	16.45	0.12	1.1	0.030	0.31	35.6	3.0	0.12	1220	0.15	4.87	3.4	1.8	590
E844725		0.02	<0.05	<0.05	0.7	<0.005	<0.01	1.0	1.3	<0.01	<5	<0.05	<0.01	0.2	1.0	20
E844726		2.67	22.40	0.10	1.4	0.059	0.98	6.8	26.8	1.33	1175	0.13	3.91	5.2	40.4	710
E844727		3.31	24.90	0.12	1.3	0.067	1.01	3.2	33.5	1.89	1180	0.58	3.58	7.4	62.5	710
E844728		2.05	19.95	0.09	1.3	0.058	0.87	6.1	12.3	0.58	1375	0.14	4.42	5.7	14.9	710
E844729		1.17	12.15	0.08	1.0	0.046	0.45	5.0	8.5	0.53	1735	0.08	2.63	2.8	14.3	740
E844730		1.15	14.60	0.13	1.2	0.062	0.53	15.9	4.9	0.26	1700	0.11	3.77	4.6	4.6	760
E844731		1.24	15.95	0.13	1.2	0.054	0.56	20.0	5.5	0.28	1640	0.12	4.06	4.6	6.0	780
E844732		1.35	12.75	0.10	1.0	0.078	0.80	8.1	12.1	0.66	2050	0.08	2.46	3.0	19.0	990
E844733		1.11	20.70	0.16	3.0	0.115	3.21	31.7	8.9	0.71	753	0.78	0.41	6.2	16.5	370
E844734		2.68	14.45	0.15	2.9	0.087	2.44	33.2	5.7	2.76	2550	1.02	0.37	3.6	13.9	360
E844735		2.48	13.45	0.14	2.3	0.067	2.04	34.7	5.6	3.03	2740	2.42	0.71	2.6	10.0	390
E844736		2.19	14.35	0.14	2.3	0.076	2.25	37.2	6.4	3.00	2320	0.34	0.23	3.6	10.8	430
E844737		1.91	11.05	0.10	1.8	0.064	1.77	25.8	5.0	2.95	2460	0.40	0.35	2.5	11.2	410
E844738		2.30	11.30	0.12	2.0	0.071	1.43	36.0	3.9	2.96	3830	0.59	1.18	1.9	10.1	400
E844739		1.79	11.60	0.11	2.6	0.054	1.77	31.3	4.4	2.38	2250	0.26	0.67	2.6	6.7	350
E844740		1.84	11.00	0.10	1.9	0.052	1.93	30.4	4.6	2.71	1410	0.24	0.27	1.9	10.6	340

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
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CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844701		2.3	43.0	0.004	0.82	0.63	11.5	2	2.3	88.3	0.35	0.07	8.1	0.182	0.09	4.0
E844702		2.3	44.3	<0.002	2.47	0.50	6.7	3	1.8	154.5	0.40	<0.05	9.8	0.167	0.09	5.1
E844703		3.0	50.3	0.005	2.74	0.69	10.5	3	1.9	168.5	0.32	0.06	8.0	0.200	0.10	5.4
E844704		2.4	48.1	0.008	3.98	0.53	9.4	3	1.8	224.0	0.26	0.07	7.2	0.179	0.09	6.1
E844705		3.2	67.6	0.014	1.67	0.51	8.2	3	1.5	109.0	0.23	0.11	8.3	0.153	0.14	14.0
E844706		3.0	50.7	0.002	2.07	0.42	8.3	3	1.6	103.5	0.27	0.08	11.5	0.143	0.10	7.1
E844707		2.9	54.5	0.002	2.09	0.41	6.9	3	1.5	104.5	0.33	0.11	11.2	0.141	0.11	6.5
E844708		3.3	46.0	0.002	4.19	0.42	6.0	3	1.3	198.5	0.32	0.11	9.8	0.140	0.10	8.5
E844709		2.3	73.1	<0.002	6.24	0.90	17.0	3	2.6	303.0	0.34	0.08	6.8	0.342	0.16	2.3
E844710		1.7	18.0	0.002	6.02	0.97	20.6	3	3.2	426.0	0.38	0.21	2.9	0.440	0.05	1.5
E844711		3.8	8.7	<0.002	3.08	0.48	8.6	3	1.3	218.0	0.19	<0.05	8.9	0.121	0.02	4.5
E844712		2.8	11.5	<0.002	3.72	0.43	6.1	2	1.8	215.0	0.27	<0.05	10.3	0.148	0.03	4.5
E844713		3.3	15.2	<0.002	2.71	0.57	6.7	2	2.1	173.0	0.46	<0.05	14.7	0.172	0.03	8.1
E844714		2.2	39.9	<0.002	2.90	0.51	6.9	2	1.3	209.0	0.22	<0.05	11.6	0.137	0.07	5.5
E844715		4.3	30.8	<0.002	1.13	0.69	8.6	2	1.6	100.5	0.31	<0.05	15.2	0.136	0.07	10.4
E844716		3.8	34.9	<0.002	1.49	0.70	9.6	2	1.8	121.0	0.36	<0.05	14.1	0.152	0.07	10.2
E844717		4.7	56.0	0.009	1.30	0.87	8.1	2	2.2	110.5	0.41	0.07	14.4	0.175	0.10	11.4
E844718		492.0	29.3	0.078	0.18	0.22	17.6	6	5.5	194.0	0.83	0.13	14.2	0.343	0.14	1770.0
E844719		3.3	49.8	0.003	0.79	1.55	32.3	3	4.2	42.3	0.20	0.09	3.7	0.473	0.11	5.4
E844720		3.3	13.1	0.002	0.48	0.91	10.0	2	4.1	45.7	0.72	<0.05	10.9	0.350	0.05	10.9
E844721		2.7	38.3	<0.002	6.16	0.44	6.9	2	1.4	295.0	0.34	<0.05	10.4	0.130	0.07	7.9
E844722		3.1	78.6	<0.002	2.19	0.77	8.6	2	1.3	144.5	0.20	<0.05	25.0	0.110	0.14	3.9
E844723		2.6	55.3	<0.002	2.15	0.63	6.6	2	0.9	142.5	0.18	<0.05	12.1	0.096	0.10	3.0
E844724		3.7	19.5	<0.002	2.11	0.53	6.4	2	0.8	147.0	0.18	<0.05	19.6	0.094	0.06	5.5
E844725		0.7	0.1	<0.002	0.01	<0.05	0.2	1	<0.2	1.4	<0.05	<0.05	0.2	0.005	<0.02	0.2
E844726		3.6	73.9	<0.002	1.32	1.09	11.1	2	1.5	92.9	0.34	0.25	16.9	0.155	0.17	5.5
E844727		3.5	75.1	<0.002	0.53	1.06	11.2	2	2.1	54.7	0.53	<0.05	18.0	0.195	0.16	4.8
E844728		3.5	65.9	<0.002	1.66	0.84	11.5	2	1.8	123.5	0.39	<0.05	16.7	0.172	0.12	5.8
E844729		3.5	36.5	<0.002	1.91	0.46	20.1	3	1.0	149.0	0.12	<0.05	11.0	0.083	0.06	5.0
E844730		3.3	41.5	<0.002	0.22	0.52	10.9	3	1.3	79.1	0.27	<0.05	14.0	0.142	0.07	8.2
E844731		3.3	45.1	<0.002	0.23	0.56	11.2	3	1.4	78.7	0.27	<0.05	16.6	0.142	0.08	5.3
E844732		2.0	60.8	<0.002	0.29	0.50	10.8	2	0.7	93.3	0.24	<0.05	10.9	0.088	0.13	4.0
E844733		4.8	214.0	<0.002	0.27	0.47	12.2	2	2.6	52.0	0.32	<0.05	15.0	0.177	0.93	2.2
E844734		2.7	151.5	<0.002	0.32	0.19	7.1	2	1.7	133.0	0.10	<0.05	11.4	0.113	0.61	1.9
E844735		3.0	129.5	<0.002	0.36	0.24	7.0	7	1.6	133.5	<0.05	0.05	11.5	0.094	0.51	2.8
E844736		3.0	148.0	<0.002	0.33	0.42	7.5	2	1.8	152.5	0.10	<0.05	12.4	0.110	0.60	2.4
E844737		2.4	110.0	<0.002	0.33	0.33	5.9	2	1.3	261.0	<0.05	<0.05	8.6	0.084	0.43	2.2
E844738		3.5	88.1	<0.002	0.27	0.31	6.1	2	1.0	114.5	<0.05	<0.05	9.9	0.070	0.39	1.6
E844739		2.3	107.0	<0.002	0.23	0.15	6.4	2	1.2	163.0	<0.05	<0.05	8.9	0.089	0.48	2.0
E844740		2.3	114.0	<0.002	0.24	0.38	6.1	2	1.2	234.0	<0.05	<0.05	9.1	0.085	0.55	1.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844701		100	3.4	19.7	<2	31.1		
E844702		82	1.9	23.6	<2	23.2		
E844703		89	2.5	25.7	<2	32.8		
E844704		75	2.5	17.7	<2	24.3		
E844705		61	1.7	23.1	<2	27.6		
E844706		81	1.4	18.4	<2	28.4		
E844707		71	1.3	21.0	<2	33.1		
E844708		73	1.1	17.6	<2	25.1		
E844709		135	3.5	15.6	7	26.4		
E844710		115	5.1	50.6	<2	34.5		
E844711		45	1.5	42.5	<2	18.7		
E844712		51	2.1	23.1	<2	25.2		
E844713		46	2.5	22.5	<2	39.9		
E844714		51	1.2	14.7	<2	23.8		
E844715		25	5.4	20.9	<2	38.5		
E844716		48	2.3	21.2	<2	33.0		
E844717		52	2.1	11.9	<2	30.4		
E844718		656	3.1	20.2	63	180.5		0.17
E844719		328	7.6	13.8	24	54.8		
E844720		65	11.1	9.8	4	46.9		
E844721		21	4.8	8.8	<2	32.1		
E844722		37	3.6	10.7	<2	34.1		
E844723		33	3.3	8.2	<2	37.1		
E844724		30	2.9	9.8	<2	35.9		
E844725		<1	<0.1	1.3	4	19.5		
E844726		63	4.3	9.6	3	39.4		
E844727		66	6.7	9.6	7	38.0		
E844728		50	7.0	18.3	<2	36.8		
E844729		28	2.9	30.4	2	32.2		
E844730		27	4.1	34.5	<2	34.3		
E844731		32	4.1	28.7	<2	36.4		
E844732		32	2.1	34.2	<2	33.5		
E844733		42	1.4	11.1	<2	94.3		
E844734		26	0.9	12.6	<2	89.8		
E844735		26	0.8	10.8	<2	74.7		
E844736		30	0.8	9.0	2	69.1		
E844737		25	0.6	11.3	<2	53.1		
E844738		22	0.6	16.1	<2	66.0		
E844739		22	0.6	17.2	<2	94.2		
E844740		25	0.6	11.2	5	61.3		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844741	2.54	<0.005	0.01	4.27	8	560	1.25	0.11	13.00	0.04	47.90	5.5	22	2.44	4.0
E844742	2.60	<0.005	0.01	4.71	25	630	1.43	0.06	11.40	0.05	57.50	6.3	28	3.27	5.9
E844743	2.54	<0.005	<0.01	4.73	8	570	1.39	0.08	10.80	0.05	47.30	3.5	22	2.99	3.8
E844744	2.28	<0.005	0.02	5.37	8	620	1.48	0.20	10.05	0.54	64.50	3.6	25	3.74	27.4
E844745	2.20	0.016	0.02	6.38	44.7	740	1.80	0.25	5.25	0.32	66.30	10.7	33	5.05	18.7
E844746	2.66	<0.005	0.02	5.75	13.1	630	1.62	0.26	5.85	0.08	60.60	7.9	34	4.57	21.3
E844747	2.46	<0.005	0.08	7.21	28.9	790	2.04	0.31	3.00	0.04	74.40	7.8	52	6.38	34.3
E844748	2.86	<0.005	0.01	7.27	37.6	790	2.08	0.52	2.49	0.04	73.10	8.0	59	6.93	36.7
E844749	1.82	<0.005	0.04	7.55	49.0	760	2.09	0.56	3.14	0.03	102.00	22.5	60	7.14	144.5
E844750	2.30	<0.005	0.02	7.58	43.9	840	2.12	1.16	3.43	0.07	81.40	21.4	66	8.04	103.5
E844751	2.12	<0.005	<0.01	7.15	37.1	950	1.68	0.10	3.97	0.05	58.60	11.5	70	6.86	9.4
E844752	2.34	<0.005	<0.01	6.66	62.6	1060	1.67	0.14	6.45	0.05	66.80	20.0	62	6.41	6.1
E844753	7.34	<0.005	<0.01	6.83	58.4	1240	1.68	0.44	5.97	0.04	76.90	11.4	69	6.46	33.8
E844754	7.18	<0.005	<0.01	6.84	60.9	1020	2.07	0.34	2.39	0.04	63.40	14.2	69	5.62	85.8
E844755	6.52	<0.005	<0.01	7.04	56.3	900	2.17	0.51	0.49	<0.02	87.50	23.5	80	5.75	399.0
E844756	6.58	<0.005	<0.01	6.23	37.2	710	1.32	1.70	0.78	<0.02	64.60	21.0	77	3.60	490.0
E844757	6.10	<0.005	0.01	6.40	29.1	1160	1.38	1.27	0.60	<0.02	68.20	23.6	72	2.95	339.0
E844758	5.44	0.007	<0.01	7.12	91.7	1210	1.41	6.66	0.77	<0.02	88.60	30.0	81	2.55	178.0
E844759	6.40	0.009	<0.01	6.65	55.7	1200	1.29	6.51	0.70	<0.02	74.90	24.1	72	2.60	309.0
E844760	4.76	<0.005	<0.01	6.52	157.0	1160	1.28	0.73	2.43	<0.02	73.10	60.1	62	2.14	205.0
E844761	0.08	<0.005	0.01	0.06	<0.2	10	<0.05	0.01	0.01	<0.02	2.84	0.1	<1	<0.05	1.2
E844762	7.00	0.005	<0.01	7.42	150.5	1100	1.33	0.70	1.15	<0.02	77.90	63.1	67	3.09	375.0
E844763	6.28	<0.005	<0.01	7.43	94.7	1190	1.37	0.77	0.57	<0.02	61.40	44.5	72	3.80	307.0
E844764	6.58	0.014	0.02	7.40	160.0	1620	1.29	0.65	1.09	<0.02	58.30	47.4	69	3.58	838.0
E844765	2.46	0.232	0.48	6.66	1020.0	450	1.11	3.54	4.51	0.02	22.10	131.0	49	3.38	>10000
E844766	4.76	0.018	<0.01	8.51	292.0	2160	1.52	0.65	0.53	<0.02	51.60	67.1	82	7.02	219.0
E844767	6.60	0.010	<0.01	8.60	198.0	1890	1.86	0.27	0.71	<0.02	81.60	47.5	83	7.76	68.9
E844768	6.30	0.005	<0.01	8.83	58.3	1770	1.92	0.12	0.86	<0.02	88.20	34.4	86	6.45	48.2
E844769	6.38	<0.005	<0.01	9.22	35.3	1880	2.21	0.06	0.49	<0.02	91.70	28.0	83	6.75	36.2
E844770	6.46	<0.005	<0.01	9.45	43.0	1310	2.19	0.19	0.33	<0.02	112.00	46.6	73	6.93	64.6
E844771	6.60	<0.005	<0.01	9.42	27.9	1190	2.22	0.12	0.25	<0.02	120.50	38.5	72	6.58	61.8
E844772	6.10	<0.005	<0.01	9.28	15.2	1190	2.06	0.14	0.17	<0.02	124.50	27.3	74	6.39	160.0
E844773	6.64	<0.005	<0.01	9.62	5.1	1040	2.36	0.09	0.18	<0.02	147.50	23.6	71	7.47	313.0
E844774	0.08	0.006	0.28	7.51	8.9	370	10.50	0.63	2.02	0.28	61.30	21.2	78	1.17	65.7
E844775	3.68	<0.005	0.01	9.91	1.5	1020	2.58	0.05	0.12	<0.02	80.20	20.0	80	7.95	158.0
E844776	3.40	<0.005	<0.01	10.25	1.3	1070	2.53	0.05	0.13	<0.02	64.60	19.2	81	8.04	194.5
E844777	6.02	<0.005	<0.01	10.10	3.7	1070	2.71	0.05	0.10	<0.02	104.00	23.7	82	7.81	174.0
E844778	5.56	<0.005	0.09	8.47	3.1	990	3.07	0.07	0.29	<0.02	77.60	24.2	77	8.71	41.0
E844779	6.36	<0.005	0.01	8.16	1.4	930	2.80	0.07	0.14	<0.02	61.50	25.6	74	8.41	20.7
E844780	6.02	<0.005	0.01	8.37	1.4	990	2.39	0.06	0.10	<0.02	64.30	23.5	67	8.65	79.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
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CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844741		1.69	10.75	0.09	1.5	0.038	1.69	25.4	4.3	2.76	1395	0.29	0.50	2.2	8.2	330
E844742		1.99	11.95	0.11	1.7	0.032	1.98	30.1	5.3	2.78	1365	0.17	0.24	2.5	7.4	360
E844743		1.99	11.65	0.11	2.0	0.043	1.87	25.0	4.9	3.14	1520	0.36	0.52	2.2	3.7	410
E844744		2.23	13.25	0.11	1.9	0.083	2.06	32.0	5.8	2.32	1485	1.09	0.54	2.8	8.8	470
E844745		2.75	15.95	0.15	2.5	0.062	2.58	33.0	6.5	1.87	1355	0.48	0.41	3.3	16.6	590
E844746		3.46	14.15	0.14	2.3	0.035	2.34	29.9	5.3	2.11	1625	1.82	0.30	2.8	13.7	570
E844747		2.19	16.45	0.12	1.7	0.037	2.90	37.5	5.1	1.16	963	0.35	0.32	4.1	17.7	570
E844748		2.17	17.40	0.13	1.6	0.037	2.94	37.0	6.2	1.02	764	0.51	0.24	8.6	17.3	650
E844749		3.26	19.10	0.17	2.0	0.066	2.79	48.6	8.1	1.25	1270	0.53	0.50	8.7	31.5	470
E844750		3.31	19.20	0.14	2.1	0.094	3.08	40.9	6.8	1.27	1280	1.86	0.19	9.7	38.5	690
E844751		2.96	17.10	0.13	1.7	0.049	2.96	29.5	4.4	1.16	1540	0.30	0.18	8.6	23.6	740
E844752		3.30	16.55	0.14	1.6	0.050	2.82	34.7	3.7	1.12	2610	0.64	0.15	8.2	36.5	870
E844753		3.39	16.55	0.13	1.6	0.066	2.86	38.5	3.8	0.85	4000	0.52	0.14	9.8	26.9	720
E844754		3.26	16.80	0.12	1.7	0.074	2.66	32.0	4.8	0.55	3650	0.36	0.13	8.9	24.3	900
E844755		3.63	18.05	0.15	1.8	0.119	2.85	43.1	3.9	0.27	4910	0.77	0.12	10.6	27.6	1050
E844756		4.51	14.70	0.15	1.4	0.128	2.19	31.6	6.6	0.18	3390	0.83	0.13	7.9	21.1	1160
E844757		3.06	15.45	0.13	1.1	0.109	2.16	33.8	7.8	0.22	440	1.04	0.30	7.8	18.3	1270
E844758		2.19	16.70	0.12	1.3	0.140	2.39	43.8	4.3	0.15	823	1.11	0.89	9.9	15.7	1060
E844759		3.67	17.65	0.16	1.5	0.132	2.21	36.4	8.1	0.18	687	0.84	0.31	8.9	23.9	940
E844760		3.06	16.20	0.14	1.1	0.117	1.95	37.5	8.4	0.23	1570	0.55	0.85	9.2	26.6	770
E844761		0.02	0.15	<0.05	0.8	<0.005	0.01	1.6	1.9	<0.01	<5	0.06	<0.01	0.2	0.4	20
E844762		3.91	19.05	0.14	1.5	0.126	2.53	39.9	7.6	0.25	1180	0.43	0.36	9.4	29.8	750
E844763		3.63	20.20	0.13	1.7	0.150	2.76	30.7	5.5	0.20	755	0.48	0.20	11.7	30.7	630
E844764		4.19	20.50	0.14	1.8	0.207	2.63	30.0	8.4	0.26	1100	0.70	0.19	9.7	34.3	580
E844765		8.96	17.60	0.16	1.9	1.425	2.39	11.1	4.8	0.71	7480	0.74	0.18	9.0	76.9	330
E844766		4.69	24.60	0.13	2.3	0.165	3.18	27.3	5.7	0.29	1020	0.58	0.21	13.2	39.2	520
E844767		4.87	26.00	0.17	1.9	0.177	3.22	42.1	6.8	0.33	1330	0.32	0.21	12.2	33.9	510
E844768		5.95	24.80	0.18	1.8	0.157	3.07	46.2	10.9	0.38	1500	0.84	0.21	11.5	33.2	570
E844769		6.05	26.80	0.21	1.8	0.169	2.92	47.3	11.8	0.39	1370	0.35	0.19	12.3	31.3	590
E844770		7.16	26.20	0.23	1.7	0.201	2.36	54.7	10.9	0.33	3570	0.27	0.30	13.2	30.7	760
E844771		6.94	27.00	0.22	1.9	0.176	2.51	57.7	19.7	0.42	2440	0.64	0.25	12.6	39.3	620
E844772		6.30	26.30	0.22	1.9	0.164	2.71	57.8	14.3	0.37	2810	0.46	0.28	12.5	33.9	550
E844773		6.44	27.10	0.25	1.9	0.151	2.70	72.3	14.1	0.40	2660	0.49	0.43	13.3	37.7	470
E844774		4.84	19.50	0.16	3.7	0.344	0.97	30.3	12.0	1.23	576	34.80	3.70	9.8	158.5	550
E844775		5.85	26.90	0.19	2.0	0.131	3.10	38.4	19.1	0.48	1330	0.60	0.36	10.9	37.9	470
E844776		5.94	27.50	0.16	1.9	0.134	3.24	30.7	19.0	0.48	1330	0.61	0.40	11.1	36.3	460
E844777		6.06	28.10	0.22	1.8	0.144	3.06	50.7	21.1	0.69	1400	0.34	0.29	10.6	40.9	470
E844778		5.62	26.70	0.21	1.9	0.162	3.01	35.6	20.2	0.34	1990	0.39	0.49	11.3	31.7	470
E844779		5.75	26.00	0.18	1.9	0.150	2.87	27.9	23.2	0.35	1290	0.33	0.58	11.1	34.1	500
E844780		5.41	24.70	0.17	1.8	0.123	2.91	31.7	26.6	0.45	1020	0.26	0.23	10.9	32.8	460

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844741		1.9	101.5	<0.002	0.07	0.11	6.1	2	1.2	260.0	<0.05	<0.05	8.3	0.084	0.50	2.2
E844742		2.1	126.5	<0.002	0.12	0.21	7.1	2	1.3	238.0	<0.05	<0.05	8.6	0.102	0.69	1.4
E844743		1.9	120.0	<0.002	0.08	0.12	6.8	2	1.1	204.0	<0.05	<0.05	9.2	0.087	0.67	1.9
E844744		2.4	140.0	<0.002	0.18	0.17	7.4	2	1.3	234.0	0.07	<0.05	10.4	0.101	0.86	2.1
E844745		3.3	178.0	<0.002	0.43	0.24	9.5	2	1.6	140.0	0.10	0.05	11.6	0.130	1.21	3.0
E844746		2.7	163.5	<0.002	0.33	0.24	8.1	2	1.4	163.5	0.06	<0.05	11.7	0.114	1.16	2.1
E844747		2.7	194.0	0.002	0.31	0.78	10.9	1	1.8	111.5	0.25	<0.05	11.7	0.154	1.70	1.4
E844748		2.4	197.0	<0.002	0.24	0.35	11.2	1	1.9	105.0	0.55	<0.05	11.6	0.197	1.83	1.6
E844749		2.4	189.5	0.002	0.31	0.57	12.7	2	1.8	108.5	0.50	0.07	12.7	0.132	1.84	1.9
E844750		2.5	223.0	<0.002	0.57	0.73	12.7	2	1.9	125.5	0.61	0.06	11.6	0.208	2.03	2.2
E844751		1.9	207.0	<0.002	0.02	0.24	12.5	2	1.7	122.0	0.58	0.05	10.3	0.230	2.02	1.7
E844752		1.9	201.0	<0.002	0.01	0.35	12.2	2	1.6	147.0	0.54	0.06	10.5	0.216	1.93	2.0
E844753		1.7	209.0	<0.002	0.05	0.33	12.3	2	1.6	130.0	0.63	0.07	10.1	0.261	2.04	1.8
E844754		1.9	186.0	<0.002	0.03	0.33	11.5	1	1.5	87.8	0.60	<0.05	10.9	0.246	1.91	1.7
E844755		2.0	190.0	<0.002	0.05	0.36	11.7	2	1.5	58.1	0.68	<0.05	11.8	0.285	1.78	2.1
E844756		1.9	123.5	<0.002	0.04	0.34	9.1	1	1.0	62.9	0.55	<0.05	10.5	0.240	1.09	1.7
E844757		2.0	118.5	<0.002	0.04	0.38	9.9	1	1.0	88.2	0.53	<0.05	11.0	0.233	0.71	1.3
E844758		1.7	123.5	<0.002	0.02	0.34	10.1	2	1.1	107.0	0.66	<0.05	11.8	0.295	0.64	1.3
E844759		1.4	116.5	<0.002	0.02	0.37	9.9	2	1.2	86.6	0.58	<0.05	12.2	0.252	0.53	1.4
E844760		1.8	92.0	<0.002	0.02	0.38	9.8	2	1.0	82.6	0.58	0.05	12.1	0.242	0.39	1.4
E844761		0.9	0.5	<0.002	0.01	<0.05	0.1	1	<0.2	2.3	<0.05	<0.05	0.4	0.005	<0.02	0.2
E844762		1.5	121.5	<0.002	0.03	0.36	10.8	2	1.2	90.2	0.61	<0.05	12.8	0.262	0.52	1.7
E844763		1.6	136.0	<0.002	0.04	0.36	12.4	1	1.4	92.3	0.80	<0.05	11.7	0.345	0.60	1.7
E844764		1.5	134.5	<0.002	0.06	0.48	13.1	2	1.4	73.4	0.65	<0.05	11.3	0.277	0.56	2.1
E844765		2.4	118.0	<0.002	1.97	0.55	12.9	4	1.9	98.7	0.59	0.44	8.2	0.218	0.45	2.7
E844766		1.6	191.5	0.002	0.04	0.51	15.0	2	1.7	97.8	0.89	0.06	12.2	0.389	0.90	2.4
E844767		1.6	201.0	<0.002	0.01	0.54	17.1	2	1.8	123.0	0.87	0.05	12.6	0.341	1.03	1.7
E844768		1.9	193.0	<0.002	0.01	0.67	16.5	2	1.8	131.5	0.82	0.05	12.4	0.331	0.84	1.7
E844769		1.4	202.0	<0.002	0.01	1.23	16.9	2	2.1	119.0	0.79	<0.05	14.0	0.303	0.92	1.7
E844770		1.8	154.0	<0.002	0.05	1.79	16.0	2	2.5	145.5	0.94	0.05	15.0	0.372	0.87	1.7
E844771		2.1	166.0	<0.002	0.02	1.20	17.9	2	2.6	157.5	0.90	0.06	15.7	0.319	0.93	1.8
E844772		2.3	171.5	<0.002	0.01	0.92	17.0	2	2.5	156.5	0.89	0.07	16.1	0.318	1.11	2.2
E844773		2.6	179.0	<0.002	0.03	0.80	17.1	2	2.6	176.0	0.93	0.06	19.2	0.333	1.17	2.0
E844774		86.5	47.2	0.025	0.27	0.37	16.0	3	7.5	171.5	1.14	0.09	13.6	0.313	0.23	207.0
E844775		2.8	224.0	<0.002	0.03	0.79	17.9	2	2.9	169.0	0.74	0.05	14.6	0.254	1.39	1.9
E844776		2.6	227.0	<0.002	0.02	0.72	18.8	1	2.8	179.0	0.75	<0.05	13.8	0.263	1.41	1.8
E844777		2.4	219.0	<0.002	0.02	0.98	18.3	2	2.9	181.5	0.78	<0.05	15.7	0.261	1.52	1.7
E844778		2.4	198.5	<0.002	0.02	0.94	15.7	2	2.8	210.0	0.77	<0.05	12.1	0.273	1.42	1.9
E844779		2.4	193.5	<0.002	0.01	0.89	14.7	2	2.8	229.0	0.79	<0.05	11.3	0.264	1.49	1.9
E844780		2.3	208.0	<0.002	0.02	0.57	15.6	2	2.6	195.5	0.75	<0.05	12.3	0.252	1.48	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844741		26	0.6	10.0	4	47.5		
E844742		33	0.7	10.8	11	58.0		
E844743		28	0.6	9.6	20	62.7		
E844744		32	0.8	9.2	190	63.1		
E844745		40	0.8	9.5	120	84.7		
E844746		35	0.7	8.5	27	74.6		
E844747		53	1.0	7.3	22	56.2		
E844748		60	1.1	8.8	24	52.4		
E844749		60	1.1	12.1	43	67.5		
E844750		60	1.3	12.1	48	71.6		
E844751		61	1.2	8.7	41	56.1		
E844752		58	1.1	10.7	33	58.0		
E844753		63	1.0	14.9	33	54.7		
E844754		61	0.9	10.2	38	57.6		
E844755		57	0.9	9.2	22	63.6		
E844756		49	0.7	9.9	17	43.4		
E844757		49	0.7	9.2	11	36.7		
E844758		54	0.8	9.2	7	41.7		
E844759		52	0.8	8.7	8	48.2		
E844760		50	0.7	11.7	8	36.7		
E844761		<1	<0.1	2.2	3	25.1		
E844762		60	0.7	8.8	8	48.9		
E844763		65	1.0	7.3	6	55.7		
E844764		64	1.0	9.5	8	64.1		
E844765		50	0.9	13.6	9	62.1	1.825	
E844766		84	1.2	7.9	6	77.2		
E844767		84	1.2	9.6	7	62.8		
E844768		87	1.2	9.5	10	62.7		
E844769		87	1.2	10.1	10	63.2		
E844770		85	1.2	11.5	12	56.2		
E844771		85	1.3	12.4	15	66.8		
E844772		86	1.5	10.6	13	66.7		
E844773		86	1.3	11.3	15	66.3		
E844774		200	6.8	19.0	127	123.0		
E844775		87	1.3	8.4	15	68.4		
E844776		92	1.4	8.3	15	64.6		
E844777		95	1.3	9.8	17	63.4		
E844778		89	1.5	10.2	16	66.3		
E844779		91	1.6	8.5	18	61.5		
E844780		87	1.5	7.1	17	59.6		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07070665

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844781	6.28	<0.005	0.01	9.28	1.1	990	2.51	0.07	0.11	<0.02	77.40	19.3	68	9.40	180.5
E844782	6.48	<0.005	0.01	8.81	1.3	1000	2.08	0.05	0.11	<0.02	97.40	28.0	68	8.65	189.5
E844783	6.84	<0.005	0.02	10.65	2.0	1030	1.97	0.14	0.10	<0.02	105.00	25.9	81	9.97	367.0
E844784	6.14	<0.005	0.03	10.10	1.8	880	1.97	0.06	0.09	<0.02	71.80	25.4	71	9.65	335.0
E844785	6.00	<0.005	0.01	10.25	1.5	890	2.03	0.06	0.09	<0.02	102.50	20.6	70	10.15	105.0
E844786	7.02	<0.005	0.01	10.35	1.2	840	2.03	0.04	0.09	<0.02	70.60	20.8	72	10.25	139.0
E844787	6.98	<0.005	0.01	10.15	2.6	680	2.01	0.07	0.11	<0.02	100.50	29.9	67	8.95	20.3
E844788	6.88	<0.005	0.02	10.40	2.6	630	2.07	0.10	0.14	<0.02	101.50	28.2	69	8.12	5.5
E844789	8.00	<0.005	0.01	10.10	2.0	720	2.17	0.11	0.14	<0.02	94.80	24.8	71	8.60	25.2
E844790	7.04	<0.005	<0.01	9.98	1.2	760	2.67	0.09	0.12	<0.02	104.50	24.3	63	9.76	18.0
E844791	6.66	<0.005	0.01	10.70	4.1	840	2.29	0.22	0.30	<0.02	106.50	28.1	71	10.65	24.9
E844792	6.88	<0.005	<0.01	10.10	2.1	770	2.27	0.09	0.78	<0.02	96.90	16.7	71	10.60	65.0
E844793	6.38	<0.005	<0.01	10.70	4.0	780	2.42	0.07	1.10	<0.02	123.50	18.9	75	11.70	70.0
E844794	0.08	<0.005	0.01	0.10	0.6	10	<0.05	<0.01	0.01	<0.02	3.32	0.1	1	0.10	1.4
E844795	6.90	<0.005	0.01	10.70	4.1	780	2.50	0.06	1.41	<0.02	102.00	22.2	72	10.85	31.6
E844796	7.72	<0.005	0.01	10.55	5.3	860	2.69	0.06	1.10	<0.02	96.20	23.1	76	10.05	154.5
E844797	6.72	<0.005	0.02	10.45	4.9	750	2.95	0.05	1.28	<0.02	115.50	23.2	72	10.45	54.8
E844798	7.34	<0.005	<0.01	10.80	2.4	830	3.34	0.04	0.66	<0.02	114.00	14.7	76	12.45	19.6
E844799	6.92	<0.005	0.02	11.05	3.9	890	3.77	0.05	0.20	<0.02	151.00	12.8	79	13.35	8.2
E844800	6.84	<0.005	0.02	11.25	0.9	1000	4.21	0.04	0.39	<0.02	119.00	9.0	84	13.45	3.7
E844801	5.98	<0.005	<0.01	11.95	0.7	1240	4.45	0.02	0.22	<0.02	183.50	6.5	85	13.50	1.0
E844802	6.82	<0.005	0.01	12.05	0.7	990	5.93	0.02	1.60	<0.02	192.50	5.2	67	7.98	1.7
E844803	6.94	<0.005	0.01	11.45	0.5	630	5.63	0.03	1.40	<0.02	194.50	7.9	55	4.87	2.2
E844804	6.96	<0.005	0.01	13.25	1.0	1330	8.78	0.06	0.25	<0.02	238.00	4.9	82	9.53	1.6
E844805	6.32	<0.005	0.03	8.68	2.0	80	2.00	0.12	2.56	0.02	57.30	33.9	40	0.43	1.9
E844806	7.12	<0.005	0.02	8.99	1.9	70	1.13	0.08	3.34	0.02	28.10	28.9	36	0.47	6.1
E844807	7.16	<0.005	0.01	8.63	1.5	220	0.91	0.07	2.47	0.02	19.00	29.6	41	1.41	4.5
E844808	7.46	<0.005	0.01	9.33	1.3	740	0.79	0.05	2.18	0.03	17.95	15.5	46	1.80	17.2
E844809	6.78	<0.005	0.02	8.71	1.6	810	1.78	0.15	2.78	0.04	66.00	44.2	46	2.02	270.0
E844810	7.70	<0.005	0.02	8.74	1.3	50	1.97	0.05	3.89	<0.02	115.50	20.2	37	0.34	66.3
E844811	8.14	<0.005	0.06	8.78	1.5	50	0.86	0.07	3.20	0.02	170.50	17.6	37	0.41	383.0
E844812	7.60	<0.005	0.02	8.38	1.3	80	0.75	0.06	2.61	<0.02	130.00	16.8	31	0.47	245.0
E844813	3.50	<0.005	0.02	8.31	1.7	50	0.71	0.06	2.64	<0.02	125.50	26.4	35	0.36	106.0
E844814	4.00	<0.005	0.01	8.55	1.8	60	0.73	0.05	2.69	0.02	115.00	23.7	35	0.38	96.8
E844815	8.00	<0.005	0.05	9.50	1.8	40	0.68	0.05	2.37	<0.02	61.80	25.5	46	0.33	29.8
E844816	7.10	<0.005	0.01	9.61	1.8	140	0.70	0.05	2.38	0.03	12.75	9.2	49	0.92	102.0
E844817	8.22	<0.005	0.02	8.84	1.5	300	0.92	0.05	2.47	<0.02	25.20	7.4	41	2.21	77.3
E844818	14.60	0.016	0.05	8.84	1.9	60	0.75	0.41	2.92	0.02	53.00	37.2	42	0.81	126.5
E844819	0.06	<0.005	0.04	0.05	0.5	10	<0.05	0.01	0.01	<0.02	2.75	0.1	<1	<0.05	1.9
E844820	4.30	0.013	0.03	7.85	1.7	80	0.83	0.36	3.91	<0.02	86.10	38.2	38	0.62	348.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844781		5.35	26.10	0.18	2.0	0.122	2.98	38.4	25.5	0.47	1040	0.38	0.27	10.8	34.5	470
E844782		6.07	25.70	0.20	1.8	0.122	2.79	46.9	29.6	0.56	1160	0.56	0.22	9.1	40.1	500
E844783		5.46	27.50	0.20	2.3	0.142	3.14	46.9	22.2	0.51	1160	0.90	0.29	10.3	41.6	440
E844784		4.99	26.10	0.17	2.4	0.148	3.00	30.7	22.6	0.54	1010	0.83	0.35	13.2	35.7	430
E844785		4.46	26.70	0.19	2.2	0.158	3.09	45.8	17.8	0.44	1075	0.27	0.38	11.0	33.5	410
E844786		4.59	26.20	0.16	2.5	0.172	3.08	30.3	21.0	0.52	1165	0.34	0.61	9.1	38.0	410
E844787		6.00	26.30	0.21	2.2	0.178	2.56	43.9	20.6	0.45	2700	0.33	0.88	9.5	37.2	440
E844788		6.04	26.40	0.21	2.3	0.169	2.35	45.5	22.1	0.56	2930	0.46	1.33	10.2	43.5	460
E844789		6.06	26.00	0.22	1.8	0.185	2.58	42.4	18.0	0.40	3520	0.45	0.92	7.7	37.5	500
E844790		4.57	25.40	0.20	2.1	0.224	2.80	53.6	17.0	0.31	2560	0.39	0.54	9.3	33.9	430
E844791		4.85	27.10	0.21	2.6	0.226	3.55	48.1	17.8	0.41	1980	0.45	0.29	11.3	39.8	430
E844792		4.62	25.20	0.20	2.2	0.216	3.72	43.6	9.6	0.34	1035	0.59	0.26	9.5	33.0	470
E844793		3.92	25.90	0.19	2.2	0.243	4.12	54.5	10.1	0.35	938	0.45	0.23	9.0	32.8	550
E844794		0.03	0.31	<0.05	0.9	<0.005	0.02	1.8	2.0	<0.01	6	0.05	0.02	0.2	0.7	10
E844795		4.51	26.50	0.20	2.2	0.253	4.09	44.3	9.9	0.39	1685	0.48	0.22	9.5	42.2	470
E844796		3.93	25.70	0.19	2.1	0.244	4.11	42.5	7.4	0.43	992	1.39	0.22	8.6	39.5	460
E844797		4.66	24.90	0.22	2.1	0.252	4.10	52.2	8.0	0.51	1265	0.76	0.20	9.2	41.7	470
E844798		5.66	26.70	0.24	2.5	0.242	4.34	51.4	4.5	0.34	669	0.89	0.21	9.3	40.1	480
E844799		6.08	27.90	0.27	3.6	0.233	4.47	66.9	4.3	0.30	203	1.08	0.22	10.0	39.5	540
E844800		5.90	27.50	0.24	3.2	0.224	4.72	52.3	5.3	0.32	297	1.29	0.22	9.7	42.6	530
E844801		6.72	29.30	0.30	3.1	0.229	5.05	82.3	4.5	0.28	211	0.98	0.33	12.4	38.7	480
E844802		4.72	28.20	0.28	2.8	0.163	3.92	86.8	6.0	0.29	371	0.20	2.66	9.3	29.1	490
E844803		4.33	26.30	0.28	2.2	0.090	2.36	88.6	5.1	0.22	379	0.67	4.89	6.2	21.0	420
E844804		5.79	31.90	0.31	3.1	0.193	4.67	107.0	9.7	0.51	122	1.36	2.48	9.2	43.3	570
E844805		6.09	19.65	0.20	1.5	0.012	0.10	30.6	6.0	0.43	946	1.52	6.56	6.6	15.2	700
E844806		6.66	19.90	0.17	1.2	0.007	0.11	13.9	2.5	0.82	1505	0.59	6.82	3.4	12.2	760
E844807		6.08	20.10	0.14	1.2	0.008	0.72	8.9	8.1	1.04	974	0.51	6.04	3.5	25.1	790
E844808		5.27	19.10	0.14	1.1	0.010	2.06	8.2	10.7	1.01	1190	0.41	5.43	3.2	22.0	790
E844809		5.71	19.55	0.18	1.1	0.010	2.19	32.2	10.1	1.18	1275	1.09	5.02	4.8	28.5	820
E844810		5.84	19.50	0.22	1.0	0.008	0.10	55.0	1.0	1.25	1635	1.16	6.72	3.9	9.4	710
E844811		6.82	18.70	0.26	1.0	0.011	0.16	81.2	1.1	1.03	1445	1.07	6.69	3.1	9.8	760
E844812		5.98	17.90	0.23	0.9	0.011	0.20	61.7	1.5	0.90	1525	0.79	6.25	2.9	7.9	750
E844813		5.91	18.05	0.22	0.9	0.010	0.16	59.4	1.3	0.93	1650	0.83	6.24	4.2	10.6	740
E844814		5.67	18.95	0.20	0.9	0.010	0.17	55.0	1.3	0.94	1670	0.80	6.37	4.2	9.4	740
E844815		5.87	19.30	0.18	1.2	0.007	0.06	32.5	2.0	0.62	1145	0.54	7.32	2.9	10.5	710
E844816		5.80	19.80	0.14	1.1	0.008	0.36	5.8	8.3	0.66	781	0.52	6.90	4.7	15.9	800
E844817		6.02	17.65	0.13	1.1	0.030	1.27	11.9	14.2	0.98	1020	0.45	4.92	4.9	24.5	760
E844818		2.22	17.35	0.12	1.3	0.013	0.28	29.1	6.8	0.55	806	4.00	6.23	4.9	23.5	860
E844819		0.02	0.17	<0.05	0.8	<0.005	<0.01	1.6	2.2	<0.01	<5	0.06	<0.01	0.2	0.4	10
E844820		1.25	19.80	0.15	1.7	0.027	0.47	47.4	8.2	0.75	979	3.31	5.82	4.7	29.7	860

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844781		2.7	231.0	<0.002	0.02	0.65	17.5	2	2.8	200.0	0.72	<0.05	14.4	0.249	1.60	2.1
E844782		2.2	216.0	<0.002	0.04	0.58	17.0	2	2.5	170.5	0.61	0.05	16.4	0.209	1.47	1.9
E844783		2.9	247.0	<0.002	0.10	0.85	17.9	2	3.3	215.0	0.72	0.07	18.2	0.241	1.58	2.5
E844784		2.9	240.0	<0.002	0.04	0.96	16.3	2	3.2	214.0	0.98	<0.05	17.1	0.314	1.45	2.3
E844785		3.0	253.0	<0.002	0.03	0.85	16.3	2	3.4	277.0	0.78	<0.05	16.6	0.258	1.46	1.8
E844786		3.5	258.0	<0.002	0.02	0.77	16.3	2	3.4	310.0	0.61	<0.05	16.4	0.185	1.50	2.1
E844787		3.6	233.0	<0.002	0.03	1.01	15.6	2	3.0	429.0	0.68	<0.05	19.1	0.209	1.31	2.1
E844788		3.7	220.0	<0.002	0.02	1.04	15.7	2	2.8	451.0	0.74	<0.05	19.7	0.224	1.19	2.1
E844789		3.7	234.0	<0.002	0.03	0.84	15.5	2	2.8	423.0	0.52	0.06	17.2	0.167	1.29	2.0
E844790		3.6	262.0	<0.002	0.02	0.89	15.9	2	2.6	338.0	0.63	<0.05	18.0	0.211	1.50	2.6
E844791		3.5	314.0	<0.002	0.02	0.85	16.1	2	3.2	231.0	0.81	0.09	19.2	0.234	1.54	2.7
E844792		2.9	333.0	<0.002	0.02	0.80	14.9	2	2.9	147.5	0.66	0.05	17.5	0.200	1.48	2.4
E844793		2.9	349.0	<0.002	0.04	0.85	15.5	2	2.9	105.5	0.61	<0.05	18.5	0.194	1.50	3.5
E844794		1.1	2.1	<0.002	0.01	<0.05	0.2	2	<0.2	2.9	<0.05	<0.05	0.4	0.006	<0.02	0.3
E844795		2.9	331.0	<0.002	0.03	0.73	16.5	2	2.9	89.2	0.66	0.05	16.7	0.208	1.40	4.7
E844796		2.2	329.0	<0.002	0.05	0.62	15.9	2	2.9	64.3	0.56	0.06	16.3	0.178	1.25	3.1
E844797		2.4	326.0	<0.002	0.04	0.63	16.1	2	2.9	51.9	0.61	0.05	17.8	0.187	1.10	3.0
E844798		2.7	353.0	<0.002	0.03	0.53	17.2	2	3.2	53.0	0.56	<0.05	18.6	0.163	1.18	2.7
E844799		3.0	373.0	<0.002	0.02	0.64	17.6	2	3.4	48.6	0.60	0.06	18.8	0.157	1.24	3.8
E844800		2.7	373.0	<0.002	0.02	0.64	18.7	2	3.4	44.6	0.59	<0.05	17.2	0.180	1.15	3.6
E844801		2.6	396.0	<0.002	0.02	0.57	18.5	2	4.0	42.5	0.83	<0.05	20.1	0.251	1.11	3.6
E844802		2.4	293.0	<0.002	0.02	0.51	17.8	2	3.2	48.9	0.64	<0.05	19.0	0.210	0.69	2.9
E844803		3.1	163.5	<0.002	0.05	0.49	12.0	3	2.2	59.0	0.46	<0.05	16.9	0.177	0.42	2.1
E844804		2.9	330.0	<0.002	<0.01	0.51	20.7	2	3.8	58.4	0.51	<0.05	21.4	0.217	0.76	3.0
E844805		7.4	6.7	<0.002	0.27	0.54	9.7	3	1.7	64.5	0.61	0.09	19.0	0.184	0.05	9.3
E844806		5.5	8.7	<0.002	0.25	0.47	10.6	2	1.7	69.1	0.37	0.05	16.0	0.168	0.05	5.0
E844807		5.0	41.8	<0.002	0.20	0.51	10.5	2	2.1	62.1	0.35	<0.05	16.3	0.166	0.11	3.7
E844808		7.2	65.8	<0.002	0.07	0.66	11.2	2	1.7	61.1	0.31	<0.05	15.3	0.161	0.22	6.2
E844809		5.7	67.6	<0.002	0.27	0.65	11.5	2	1.9	64.3	0.45	0.08	14.8	0.176	0.23	6.4
E844810		4.4	5.5	<0.002	0.13	0.45	11.8	2	1.4	50.0	0.42	<0.05	16.0	0.167	0.03	6.4
E844811		5.5	10.1	<0.002	0.15	0.48	10.5	2	1.9	50.5	0.32	<0.05	16.8	0.173	0.05	4.8
E844812		4.0	12.3	<0.002	0.14	0.48	8.3	2	1.6	47.4	0.30	<0.05	16.3	0.152	0.06	4.1
E844813		4.2	9.6	<0.002	0.19	0.59	9.3	2	1.6	46.5	0.41	<0.05	15.8	0.167	0.04	5.8
E844814		4.0	11.2	<0.002	0.17	0.59	9.6	2	1.6	47.2	0.39	<0.05	16.2	0.165	0.05	6.6
E844815		5.5	3.2	<0.002	0.18	0.68	9.4	2	2.0	61.4	0.46	<0.05	17.7	0.195	0.03	10.2
E844816		6.3	22.6	<0.002	0.07	0.66	8.4	2	2.3	60.5	0.44	<0.05	20.7	0.200	0.06	27.8
E844817		3.7	68.6	<0.002	0.04	0.78	9.8	2	3.2	45.1	0.46	<0.05	18.0	0.197	0.20	6.2
E844818		4.1	20.6	<0.002	0.25	1.00	7.3	3	1.7	45.3	0.42	0.31	18.3	0.147	0.08	3.5
E844819		1.2	0.5	<0.002	0.01	0.07	0.2	1	<0.2	2.2	<0.05	<0.05	0.4	0.005	<0.02	0.3
E844820		3.4	21.1	<0.002	0.20	0.58	8.1	2	1.4	49.3	0.41	0.24	17.1	0.144	0.06	3.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844781		85	1.5	8.2	16	67.8		
E844782		81	1.5	8.4	18	62.1		
E844783		94	1.6	10.1	16	67.1		
E844784		86	1.6	13.0	16	79.1		
E844785		83	1.6	8.0	17	64.2		
E844786		84	1.6	6.9	17	78.9		
E844787		84	1.6	10.0	17	69.1		
E844788		84	1.6	7.8	18	67.7		
E844789		89	1.5	11.2	16	61.6		
E844790		82	1.4	10.0	14	70.4		
E844791		93	1.6	12.1	14	75.3		
E844792		86	1.6	9.7	8	71.9		
E844793		90	1.4	12.5	8	70.0		
E844794		1	<0.1	2.1	2	27.6		
E844795		94	1.5	11.3	7	64.5		
E844796		94	1.8	9.8	6	69.0		
E844797		92	2.0	10.0	6	69.3		
E844798		99	2.3	9.0	3	74.1		
E844799		104	2.4	10.5	3	109.0		
E844800		115	2.5	10.4	3	96.6		
E844801		112	2.5	11.6	2	89.4		
E844802		92	2.0	26.1	3	75.1		
E844803		79	1.3	26.6	5	61.8		
E844804		108	2.7	13.1	5	95.6		
E844805		65	1.1	17.9	12	39.2		
E844806		67	0.9	12.4	11	33.2		
E844807		70	0.9	8.5	11	36.9		
E844808		69	0.8	8.8	17	35.1		
E844809		69	1.0	11.9	23	34.0		
E844810		60	0.8	18.4	7	28.9		
E844811		65	0.7	9.4	10	26.4		
E844812		57	0.6	7.7	8	28.6		
E844813		58	1.0	7.8	8	27.5		
E844814		56	1.0	7.8	8	28.2		
E844815		67	1.2	8.9	9	35.4		
E844816		69	1.1	9.7	11	28.9		
E844817		75	0.9	6.7	15	34.5		
E844818		51	3.9	8.5	13	37.9		
E844819		<1	<0.1	1.9	3	26.2		
E844820		34	3.8	12.4	13	55.4		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844821		4.80	0.400	0.07	8.12	9.5	40	1.76	1.41	3.10	<0.02	52.70	154.0	56	0.47	2630.0
E844822		5.84	0.005	0.02	8.08	2.3	60	1.33	0.07	1.34	0.02	151.00	30.0	47	0.73	98.4
E844823		0.06	<0.005	0.01	0.05	<0.2	10	<0.05	0.01	0.01	<0.02	2.76	0.1	<1	<0.05	2.5
E844824		7.00	0.007	0.01	8.13	1.1	420	2.09	0.11	2.24	0.02	118.50	21.0	74	2.34	198.5
E844825		5.32	<0.005	0.01	8.27	0.6	1010	2.38	0.04	3.70	0.02	52.50	11.9	41	1.60	42.0
E844826		0.08	0.990	37.00	4.38	1320.0	510	0.61	35.00	6.51	0.73	27.40	47.0	271	1.28	4340.0
E844827		1.98	0.078	0.08	7.20	<5	80	3.93	0.92	10.05	0.03	55.50	21.5	19	0.37	3770.0
E844828		7.56	0.064	0.03	8.41	8.4	220	15.70	0.80	3.87	<0.02	32.10	129.5	55	1.79	634.0
E844829		7.66	0.040	0.02	7.17	3.3	220	7.45	0.29	7.69	0.02	12.65	38.0	32	1.50	70.0
E844830		7.38	0.006	0.03	7.50	0.7	310	0.88	0.06	6.56	0.03	11.65	8.9	37	0.94	163.0
E844831		7.64	0.030	0.06	8.15	0.9	1390	2.04	0.18	3.37	0.03	54.40	9.4	43	1.46	1240.0
E844832		7.24	0.020	0.05	8.03	1.4	1110	2.91	0.09	3.94	0.02	145.00	13.5	51	2.07	167.5
E844833		8.32	0.049	0.03	7.87	0.8	1220	3.20	0.17	4.46	0.02	143.00	12.4	39	1.74	1910.0
E844834		5.84	0.007	<0.01	7.28	0.9	870	2.95	0.06	5.56	<0.02	110.00	11.6	34	1.09	545.0
E844835		7.32	<0.005	<0.01	7.60	0.4	900	3.46	0.03	4.76	<0.02	118.50	7.8	37	1.29	60.1
E844836		6.84	<0.005	<0.01	8.38	0.8	1320	3.24	0.02	4.08	<0.02	41.70	6.7	32	1.36	72.4
E844837		7.12	<0.005	<0.01	7.52	0.8	390	2.27	0.02	6.43	<0.02	55.10	4.7	25	0.79	71.1
E844838		4.96	<0.005	<0.01	7.57	<0.2	460	1.84	0.02	6.17	<0.02	81.20	5.3	32	0.66	50.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844821		5.63	22.20	0.18	1.7	0.047	0.12	31.2	8.1	0.83	862	96.80	5.86	3.6	68.3	450
E844822		3.23	23.00	0.22	1.6	0.024	0.30	85.7	17.9	1.57	650	2.00	5.29	2.5	64.9	630
E844823		0.02	0.19	0.05	0.9	<0.005	<0.01	1.6	2.4	<0.01	<5	0.15	0.01	0.2	0.5	20
E844824		5.92	25.80	0.19	1.4	0.081	2.70	61.2	15.9	1.01	752	3.15	3.39	2.1	39.2	280
E844825		4.56	26.20	0.15	1.8	0.044	2.15	27.3	18.6	1.28	1180	4.67	4.07	3.2	48.4	510
E844826		4.19	14.20	0.36	0.7	0.239	1.40	20.5	14.9	0.82	1750	687.00	0.68	1.9	22.2	560
E844827		1.22	20.40	0.12	1.0	0.056	0.16	32.4	2.4	0.29	2390	18.20	5.04	3.4	7.5	680
E844828		3.85	28.70	0.16	2.8	0.079	1.46	13.3	18.9	2.03	1260	3.36	3.75	9.4	77.2	1460
E844829		7.27	24.30	0.15	1.8	0.061	1.18	4.6	17.0	2.14	2210	1.53	2.84	6.4	75.8	1330
E844830		4.31	19.95	0.10	1.6	0.013	1.80	6.0	11.1	1.40	1330	0.39	3.81	4.7	50.3	1230
E844831		3.91	22.20	0.13	2.0	0.029	4.51	29.6	10.7	0.80	595	0.65	2.66	5.6	35.9	940
E844832		4.67	24.90	0.20	2.0	0.031	3.95	77.4	15.8	1.11	683	1.21	2.37	3.3	42.0	880
E844833		3.87	24.40	0.21	2.2	0.042	4.12	78.7	14.9	1.00	689	3.40	2.39	3.9	35.9	830
E844834		2.20	17.60	0.17	1.6	0.022	3.37	61.7	12.7	1.02	779	0.32	2.55	3.3	24.8	770
E844835		1.73	19.75	0.18	2.0	0.012	3.12	72.0	13.2	0.98	597	0.40	2.88	4.3	29.5	800
E844836		1.56	19.50	0.11	2.7	0.017	4.48	24.6	12.6	0.89	509	0.58	3.16	5.1	25.1	800
E844837		1.15	17.15	0.12	1.7	0.012	1.76	36.5	7.9	0.91	1080	0.94	4.50	3.9	20.2	870
E844838		1.03	15.95	0.13	1.7	0.013	1.94	50.2	5.2	0.84	1170	0.95	4.21	4.5	15.4	860

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844821		3.7	7.2	0.023	1.56	0.60	7.7	10	0.9	46.4	0.32	0.92	20.0	0.101	0.04	3.1
E844822		3.2	21.3	<0.002	0.06	0.45	4.1	2	0.7	28.3	0.21	0.05	20.5	0.067	0.06	2.0
E844823		1.1	0.4	<0.002	0.01	<0.05	0.3	2	<0.2	2.5	<0.05	<0.05	0.4	0.005	<0.02	0.3
E844824		3.7	137.0	<0.002	0.06	0.77	5.6	2	0.9	39.1	0.18	0.09	12.2	0.056	0.33	2.2
E844825		7.6	90.1	0.002	0.03	0.70	7.1	2	1.1	65.4	0.28	<0.05	13.3	0.090	0.22	2.5
E844826		70.2	37.5	0.084	0.69	88.10	7.3	3	3.3	280.0	0.14	3.27	1.7	0.115	0.23	2.6
E844827		6.2	9.0	0.002	0.24	0.49	17.5	6	1.3	84.3	0.32	0.72	15.2	0.091	0.04	5.9
E844828		4.4	78.4	0.005	0.84	0.96	11.5	5	2.0	43.9	0.70	0.65	18.5	0.210	0.16	9.8
E844829		3.6	64.0	0.003	0.21	0.72	13.5	3	1.2	56.4	0.51	0.26	14.7	0.139	0.09	10.6
E844830		4.2	46.0	<0.002	0.06	0.49	11.8	2	1.1	68.3	0.40	0.08	15.5	0.121	0.11	2.3
E844831		4.1	150.5	<0.002	0.13	0.63	12.2	2	1.6	68.2	0.47	0.17	16.5	0.156	0.27	2.1
E844832		3.5	175.0	<0.002	0.01	0.60	15.6	2	1.6	63.2	0.29	0.08	17.8	0.144	0.23	2.5
E844833		3.5	166.0	<0.002	0.07	0.61	13.5	2	1.7	66.2	0.36	0.23	15.8	0.150	0.22	3.0
E844834		2.2	120.5	<0.002	0.08	0.46	10.8	2	1.2	70.9	0.31	0.06	13.0	0.133	0.14	1.7
E844835		3.2	126.5	<0.002	0.03	0.55	12.2	2	1.3	78.6	0.41	<0.05	14.6	0.144	0.16	4.3
E844836		3.8	145.5	<0.002	0.03	0.61	10.5	2	1.2	81.7	0.42	<0.05	14.7	0.137	0.22	4.1
E844837		5.3	57.8	<0.002	0.02	0.52	10.7	2	0.9	87.5	0.32	<0.05	17.1	0.100	0.13	7.2
E844838		4.0	58.6	<0.002	0.01	0.50	9.6	2	1.0	83.4	0.36	<0.05	15.2	0.102	0.12	5.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 24-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070665

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844821		114	3.0	14.8	13	59.4		
E844822		66	2.3	11.2	27	56.7		
E844823		<1	<0.1	2.3	3	29.5		
E844824		195	2.9	7.4	21	50.8		
E844825		138	3.2	10.8	26	63.2		
E844826		61	16.7	10.4	109	23.9		
E844827		33	3.3	19.5	7	37.4		
E844828		83	4.0	87.5	26	91.7		
E844829		70	2.6	51.3	30	56.3		
E844830		73	4.1	12.9	31	52.6		
E844831		64	3.0	15.0	17	68.8		
E844832		69	1.4	19.8	19	70.0		
E844833		66	1.6	20.2	14	75.7		
E844834		54	1.9	14.1	38	56.3		
E844835		63	3.2	17.2	13	70.7		
E844836		54	2.7	17.7	13	98.1		
E844837		37	3.7	21.1	14	64.2		
E844838		35	4.4	16.2	10	58.9		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071733

Project: Werneckes

P.O. No.: FRG07-01

This report is for 4 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071733

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844839		1.64	0.504		0.70	7.18	3.8	370	1.90	10.40	2.58	0.03	3.44	49.1	27	0.76
E844840		6.04	0.082		0.14	7.35	1.9	1000	1.92	1.58	4.09	0.05	32.20	7.2	40	0.83
E844841		7.92	0.104		0.11	6.98	0.7	590	1.36	1.21	7.16	0.02	22.80	9.1	38	0.53
E844842		3.00	1.240	1.15	0.53	7.53	1.0	680	1.71	3.32	4.23	0.02	191.50	8.4	40	0.93

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844839		>10000	5.88	14.00	0.30	1.5	0.466	3.44	1.5	3.1	0.53	544	42.10	2.56	2.6	64.8
E844840		6820.0	1.57	15.55	0.09	2.3	0.088	3.63	17.6	4.8	0.64	756	14.85	2.68	6.1	23.1
E844841		5790.0	3.88	16.85	0.10	1.6	0.075	2.41	13.0	3.1	0.65	1345	2.38	2.94	3.6	25.9
E844842		>10000	2.74	16.80	0.17	2.4	0.209	2.84	109.5	7.0	0.79	818	8.15	3.10	5.3	39.9

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844839		680	7.8	110.5	<0.002	5.64	0.85	5.2	47	5.4	60.0	0.20	9.49	13.6	0.066	0.22
E844840		780	5.1	96.9	<0.002	0.70	0.82	7.9	6	2.7	72.4	0.48	1.06	15.3	0.129	0.21
E844841		720	3.2	61.8	<0.002	0.66	0.51	10.0	5	1.2	83.3	0.30	0.71	13.5	0.097	0.14
E844842		780	4.7	86.9	<0.002	1.89	0.74	9.2	6	2.6	58.7	0.37	2.50	15.8	0.121	0.21

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071733

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
E844839		1.9	35	2.4	10.1	10	47.2	4.92
E844840		2.4	49	5.9	11.0	10	67.7	
E844841		2.0	52	5.9	13.1	12	46.1	
E844842		3.0	48	4.7	14.2	20	72.8	1.865

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 14-NOV-2007
Account: EIAFRG

CERTIFICATE VA07121724

Project: Werneckes

P.O. No.: FRG07-01

This report is for 127 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C287846		3.76	0.025		0.9	7.82	3.9	2020	0.92	4.89	0.96	<0.02	111	74.8	48	2.86
C287847		5.56	<0.005		0.07	7.12	3.5	1220	0.68	0.33	2.82	<0.02	80.1	59.4	40	2.51
C287848		5.54	0.006		0.07	8.06	4.5	3170	1.79	0.37	3.39	<0.02	67.7	33.6	42	3.35
C287849		5.36	<0.005		0.01	7.35	3	2020	1.74	0.14	3.58	<0.02	27.6	20	39	2.79
C287850		5.04	0.009		0.02	7.58	4	4090	1.83	0.16	3.35	<0.02	30.6	21.5	40	2.81
C287851		4.62	<0.005		0.03	6.78	6.8	930	1.36	0.32	3.01	<0.02	80.2	34.2	37	2.76
C287852		4.24	0.070		0.04	7.07	4.6	2290	1.47	0.39	3.72	<0.02	63.6	29	35	3.27
C287853		0.04	<0.005		<0.01	0.07	0.2	20	<0.05	0.01	0.02	<0.02	2.17	0.1	1	<0.05
C287854		3.38	0.013		0.14	7.76	4	490	3.51	0.79	2.4	<0.02	79.2	39.8	57	5.08
C287855		3.70	0.036		0.15	7.53	6.1	1720	1.3	0.23	2.47	<0.02	45.9	47.6	56	3.59
C287856		3.58	<0.005		0.09	6.62	7.6	540	1.84	0.69	1.64	0.15	105.5	46	38	4.11
C287857		2.24	<0.005		0.03	7.37	6.3	1120	2.23	0.13	2.16	0.11	46.1	45.9	43	4.66
C287858		1.76	<0.005		0.02	7.19	4.1	840	3.05	0.13	3.28	0.07	61.9	34.9	36	4.34
C287859		1.98	0.013		0.13	7.35	6.6	410	2.42	1.06	1.51	0.36	182	81.7	59	2.44
C287860		3.28	<0.005		0.05	7.36	7	390	3.3	0.17	0.48	0.18	38.2	77.7	63	4.42
C287861		3.48	<0.005		0.01	6.86	6.3	740	0.96	0.05	3.11	0.07	81.4	21	36	2.3
C287862		3.74	<0.005		0.06	7.61	7	540	2.74	0.19	1.71	0.04	93.8	48.2	47	5.71
C287863		2.06	<0.005		0.06	7.45	6.7	190	6.1	0.23	1.69	0.02	78.6	93.3	45	6.81
C287864		2.62	0.010		0.01	7.43	5.3	190	3.59	0.07	0.17	<0.02	24.9	105.5	79	3.45
C287865		4.20	0.028		0.02	7.63	4.1	90	3.43	0.13	0.14	<0.02	39.4	119	84	3.38
C287866		3.24	<0.005		<0.01	0.72	0.8	10	0.27	0.03	0.02	<0.02	15	8.6	10	0.37
C287867		4.52	<0.005		0.07	7.08	6.8	510	3.8	0.61	0.57	0.03	86.3	97.1	30	2.56
C287868		4.50	0.008		0.09	6.65	6.2	450	3.07	0.82	0.75	<0.02	78.4	96.4	6	2.01
C287869		3.40	<0.005		0.05	7.26	6.8	560	2.84	0.18	0.89	0.03	77.6	84.4	12	2
C287870		2.64	0.034		0.04	5.94	7.5	510	1.95	0.16	0.54	<0.02	84.7	86.5	10	1.61
C287871		4.16	<0.005		0.02	5.56	8.4	240	2.3	0.13	0.66	<0.02	110	88.5	22	2.34
C287872		5.22	<0.005		0.09	7.28	15.7	460	2.32	0.17	0.9	<0.02	37.8	90.2	59	2.55
C287873		0.04	0.023		0.31	7.29	21.6	50	8.61	13.75	1.76	0.06	15.6	35.8	40	0.77
C287874		5.92	<0.005		0.02	7.53	5.9	340	2.83	0.12	0.34	<0.02	79.5	119	62	2.27
C287875		3.94	<0.005		0.04	7.72	8.5	260	3.08	0.15	0.16	<0.02	21.4	127	85	2.18
C287876		5.36	0.006		0.03	7.55	9.1	1200	2.82	0.17	0.33	<0.02	31.5	134	87	2.15
C287877		1.28	<0.005		0.02	8.15	6.3	240	2.93	0.18	0.17	<0.02	32.6	208	84	4.29
C287878		7.14	0.009		0.08	7.67	8.3	850	2.32	0.49	2.52	<0.02	89	39.4	36	3.03
C287879		4.02	0.033		0.36	8.24	27.7	540	3.22	0.81	0.15	<0.02	89.6	13.9	55	2.73
C287880		4.64	0.005		0.3	8.45	15.7	620	4.37	0.36	0.2	<0.02	140	13.7	67	3.44
C287881		4.84	0.008		0.2	5.97	15.7	570	2.47	0.36	0.86	0.05	33.7	6.5	56	2.15
C287882		4.66	0.020		0.43	0.7	32.6	220	0.64	0.38	0.48	0.03	107	7.2	19	0.35
C287883		3.08	0.019		0.33	1.39	39.6	260	0.84	0.35	1.01	0.11	24.6	8.9	30	0.52
C287884		2.92	0.070		0.1	8.24	19.3	640	3.26	0.18	1.05	0.05	9.49	11.5	56	3.87
C287885		1.58	0.041		0.08	8.33	27.8	590	3.51	0.19	0.81	<0.02	6.02	11.2	56	3.97

Comments: REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C287846		1430	7.02	22	0.21	2.4	0.034	6.06	64.3	39.3	2.3	453	17.3	0.07	6.3	34.4
C287847		58.9	6.58	16.55	0.19	2.1	0.05	6.32	49.4	31.8	2.91	992	9.2	0.05	4.4	29.8
C287848		38.2	5.85	19.45	0.21	2.2	0.102	6.89	36.1	47	2.81	1345	10.25	0.07	4	29.7
C287849		8	5.31	17.7	0.17	2.2	0.13	6.65	14.1	39.4	2.47	1405	2.85	0.06	3.5	25.4
C287850		19.9	5.34	18.8	0.18	2.1	0.171	5.59	16.2	42.4	2.35	1520	2.98	0.07	3.8	23.9
C287851		24.4	6.49	16.45	0.19	2.1	0.086	5.24	56.9	39.1	2.73	1415	3.31	0.04	4.1	26.3
C287852		16.8	5.64	17.65	0.19	2.1	0.084	5.57	32.9	33.3	2.81	1815	3.8	0.05	3.9	27.1
C287853		0.8	0.04	0.13	<0.05	0.6	<0.005	0.02	1.2	1.4	0.01	7	0.08	<0.01	0.1	0.3
C287854		6.8	5.95	22.9	0.21	2.2	0.107	4.97	42.1	69.8	3.15	895	6.89	0.04	4.5	34.8
C287855		33.2	6.69	18.75	0.19	2.2	0.042	6.14	24.8	41.6	2.87	1100	26.5	0.05	4.6	36
C287856		44.9	9.95	18.1	0.22	1.7	0.071	3.74	60.3	53.4	3.24	1090	14.35	0.03	4.7	31.4
C287857		34.8	7.57	20	0.17	2.3	0.068	4.89	26.1	56.1	3.4	1170	10.35	0.04	5	31.7
C287858		40.3	6.12	18.8	0.17	2	0.117	4.28	34.7	54.7	3.48	1475	6.33	0.04	4.7	31.5
C287859		3400	8.35	19	0.27	1.8	0.129	2.68	98.7	77.4	5.05	888	42.3	0.03	2.2	64
C287860		184.5	9.68	19.55	0.19	1.5	0.104	3.18	20.1	105.5	4.8	464	5.55	0.02	4.8	55.3
C287861		78.1	7.1	13.5	0.2	1.7	0.039	6.7	44.1	23.2	2.26	1825	2.86	0.05	3	20
C287862		59.9	7.81	19.9	0.23	2.2	0.082	4.92	49.8	65.6	3.37	878	4.77	0.04	5.5	36.5
C287863		405	9.35	22.5	0.23	2.7	0.148	2.71	42.7	129	5.39	1100	6.74	0.02	6.7	40.1
C287864		31.5	13	18.5	0.19	1.2	0.127	1.35	14.3	107	6.7	372	4.79	0.06	1.7	71.3
C287865		621	10.4	19.8	0.21	1.2	0.13	1.28	22.8	106.5	7.35	399	3.53	0.12	2.2	70.8
C287866		30	0.99	2.06	0.05	0.3	0.009	0.16	6.5	9.7	0.51	55	0.51	0.01	0.9	5.9
C287867		1750	10.15	17.8	0.2	3.8	0.126	2.79	47	60.4	4.58	328	5.82	0.1	6	29.6
C287868		2050	8.89	19	0.2	4.5	0.092	2.5	40.9	54.5	4.33	439	11	0.03	5.3	16.8
C287869		525	9.05	18.4	0.18	4.6	0.059	4.09	40.5	44.2	3.65	413	6.63	0.03	4.8	19.1
C287870		322	11.5	16.75	0.21	4	0.041	2.87	45	42.6	3.54	237	7.78	0.02	5	20.3
C287871		116	13.2	20	0.25	3.3	0.07	2.46	58.2	43	3.41	326	9.97	0.03	5.6	23.9
C287872		250	9.07	21.2	0.18	2.7	0.077	3.88	20.4	43.3	3.6	582	9.56	0.03	2.8	45.5
C287873		126.5	2.14	69.3	0.15	4.4	0.04	0.24	7.4	334	8.7	358	38.1	0.06	11.4	171
C287874		149.5	9.79	24	0.2	2.9	0.059	2.56	42.3	71.5	5.48	347	5.94	0.02	5.4	47.8
C287875		243	10.6	21.4	0.15	1.5	0.058	1.92	11.9	77.8	6	337	3.78	0.02	1.7	72.2
C287876		1025	10.75	19.65	0.17	1.3	0.062	2.5	18	63.9	5.36	398	4.95	0.03	1.8	62.5
C287877		1170	10.7	25.9	0.18	2.3	0.064	2.62	18.2	83.1	6.84	304	5.5	0.02	2.1	62.8
C287878		174.5	5.8	18.75	0.2	2.5	0.075	5.67	50.9	41.7	2.57	1085	9.21	0.05	6.4	24.4
C287879		13.5	10.95	20	0.22	1.9	0.049	4.47	55.6	46.4	0.73	21	18.05	0.05	8.2	17.6
C287880		9.1	9.04	30.5	0.24	2	0.061	4.72	88.5	84.8	1	39	6.67	0.05	5.8	30.9
C287881		6.5	13.35	17.65	0.19	1.7	0.05	3.19	22.7	35.5	0.84	342	9.18	0.04	6.9	10.4
C287882		19.7	26.2	3.65	0.38	0.6	0.012	0.34	86.5	7.6	0.27	191	17.2	0.01	11.3	9.9
C287883		19.6	31.3	4.6	0.3	0.9	0.021	0.65	19.6	11.6	0.59	533	27.4	0.02	12.3	12
C287884		8.7	10.1	35.9	0.14	1.7	0.073	4.74	6.3	73.9	1.22	503	12.25	0.04	7.1	14.8
C287885		1.6	12.05	40.5	0.16	1.6	0.078	5.24	3.6	82.2	1.28	384	5.07	0.05	6.5	18.7

Comments: REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C287846		730	3.7	134	0.004	0.06	2.6	11.8	3	4.2	25.5	0.47	0.16	15.8	0.196	0.34
C287847		650	3.3	116	0.003	0.01	2.48	17.8	2	2.8	28.2	0.36	0.07	11.9	0.179	0.29
C287848		810	3.6	239	0.004	0.06	2.86	15.9	2	3.1	45.3	0.31	0.05	14.2	0.18	0.4
C287849		670	2.9	239	<0.002	0.01	2.19	12.7	1	3	32.3	0.26	<0.05	14.1	0.147	0.38
C287850		710	2.6	181	<0.002	0.07	2.55	13.3	1	3	58.6	0.28	<0.05	13.7	0.149	0.36
C287851		770	3	159	<0.002	0.01	3.21	10.9	2	3.4	22.4	0.32	0.1	14.6	0.157	0.26
C287852		700	3.1	175	0.008	0.05	3.41	13.1	2	3	34.7	0.32	0.14	13.7	0.149	0.29
C287853		20	1.2	0.4	<0.002	<0.01	<0.05	0.2	1	0.4	1.6	<0.05	<0.05	0.3	0.005	<0.02
C287854		720	2.8	253	<0.002	<0.01	4.32	17.6	2	4.1	14.5	0.34	0.11	14.3	0.2	0.38
C287855		700	2.9	163	0.003	0.03	3.24	14.3	2	3.2	29.9	0.34	0.14	13.9	0.194	0.29
C287856		740	10.9	157.5	<0.002	<0.01	3.94	11.1	2	4.2	12.6	0.34	0.1	14.1	0.172	0.25
C287857		780	32	179.5	<0.002	0.01	3.74	13.4	1	4.1	23.3	0.42	0.07	16	0.2	0.31
C287858		730	14.3	199	<0.002	<0.01	3.53	12.2	1	4	21	0.36	0.06	14.4	0.173	0.32
C287859		610	254	101.5	<0.002	0.04	9.01	29.6	4	1.6	14.6	0.15	0.07	4.9	0.225	0.17
C287860		670	9.9	91.7	<0.002	<0.01	5.74	26.1	1	2.4	7.8	0.34	0.07	6.3	0.363	0.29
C287861		700	8.2	155.5	<0.002	<0.01	2.7	10.4	1	2.3	19.5	0.23	<0.05	14.6	0.145	0.3
C287862		850	9.1	200	<0.002	<0.01	4.13	14	2	4.1	13.2	0.41	0.11	15.7	0.225	0.36
C287863		1340	7.4	136	<0.002	0.01	6.35	24.8	2	2.9	11.5	0.45	<0.05	10.2	0.424	0.29
C287864		540	1.5	72.6	<0.002	<0.01	4.66	33.3	1	1.2	4.1	0.11	<0.05	1.4	0.298	0.12
C287865		600	1.8	69.9	<0.002	0.03	4.69	39.6	2	1	3.2	0.14	<0.05	1.6	0.352	0.12
C287866		50	1.3	6.9	<0.002	<0.01	0.46	2.9	1	0.3	4.5	<0.05	<0.05	2.1	0.053	0.05
C287867		2260	5.8	88.9	0.007	0.13	4.62	23.1	2	1.6	12.2	0.4	<0.05	10.4	0.443	0.15
C287868		2610	3.7	84.2	0.008	0.14	3.96	22.5	2	1.4	9.8	0.36	<0.05	12.4	0.383	0.14
C287869		2640	4.3	106	<0.002	0.05	4.15	22.1	2	1.4	8.9	0.32	<0.05	12.7	0.349	0.19
C287870		2170	2.7	75.6	<0.002	0.03	4.08	16.8	2	1.2	8.3	0.34	<0.05	10.7	0.352	0.13
C287871		1790	2.6	101	<0.002	0.06	3.87	18.9	2	2.2	6.3	0.4	<0.05	11.1	0.391	0.17
C287872		950	3.4	119.5	<0.002	0.18	3.94	29.2	2	1.7	8.1	0.2	<0.05	5.5	0.294	0.26
C287873		1020	179	9.5	0.006	0.11	0.73	11.9	4	3.7	26.6	1.03	0.09	15.6	0.244	0.17
C287874		1080	2.3	92.3	0.002	0.04	3.1	29.4	2	2.4	6	0.43	<0.05	9.5	0.322	0.15
C287875		500	2	79	<0.002	0.08	3.14	43.1	2	0.9	3.3	0.11	<0.05	1.5	0.322	0.12
C287876		470	1.7	89.3	0.002	0.09	3.36	38.2	2	0.8	13.2	0.12	<0.05	1.2	0.339	0.13
C287877		640	1.7	119	0.006	0.08	3.26	42.9	2	1.5	3.5	0.14	<0.05	2.2	0.341	0.22
C287878		890	4.2	218	0.005	0.05	3.3	13.9	2	4	18.5	0.46	0.14	15	0.224	0.36
C287879		750	6.9	280	0.01	0.15	7.07	11.1	2	6.4	5.9	0.46	0.37	18.6	0.233	0.44
C287880		860	4.9	355	<0.002	0.11	4.85	13.6	2	7.5	4.9	0.31	0.17	13.8	0.225	0.41
C287881		810	10.8	206	<0.002	<0.01	5.6	6.9	2	6.8	8.2	0.4	0.15	11.9	0.234	0.24
C287882		830	11.5	30.4	<0.002	<0.01	8.04	1.8	2	14.6	13.2	0.23	0.37	4.6	0.098	0.05
C287883		920	16.8	54.6	<0.002	<0.01	9.59	2.4	2	13.2	12.8	0.4	0.35	5.4	0.153	0.08
C287884		950	12.9	329	<0.002	<0.01	7.02	10.9	2	12.2	7.2	0.36	0.22	12.8	0.208	0.42
C287885		1260	7.8	361	<0.002	<0.01	7.56	28.3	2	11.9	7.9	0.28	0.5	11.2	0.227	0.43

Comments: REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
C287846		7.9	72	19.9	12.3	18	83.9	
C287847		4.2	105	17.9	11.4	16	72.5	
C287848		5.8	94	18.1	13.7	10	77.6	
C287849		3.8	69	10.1	13.9	7	75.4	
C287850		4	74	42.7	11.3	7	71.2	
C287851		4.2	63	19.3	11.9	13	71.2	
C287852		14	65	11.2	14.7	13	68.5	
C287853		0.2	<1	0.6	1.4	3	21.8	
C287854		4.8	113	16.2	16.1	10	76.1	
C287855		7.1	106	15	9.1	19	75.3	
C287856		4.9	64	11.9	8.5	79	61.8	
C287857		4.1	80	14.1	9.7	171	74.9	
C287858		4.4	73	7.7	14.2	152	68.8	
C287859		8.2	221	13.1	14.2	254	61.7	
C287860		4	203	10	8.9	130	51.2	
C287861		2.2	78	7.3	8.7	28	60.9	
C287862		5.8	95	8.4	13	79	75.5	
C287863		5.7	177	8.9	21	77	104.5	
C287864		1.3	279	7.3	7.5	37	44.6	
C287865		1.1	295	6.2	8.3	36	44.1	
C287866		0.4	19	2.1	2.3	4	10.8	
C287867		2.7	192	10	16.5	42	148.5	
C287868		3.8	171	5.7	17.7	38	179.5	
C287869		3.8	173	3.6	19.5	36	184.5	
C287870		3.9	158	8.6	19.2	23	161	
C287871		5.4	185	2.1	17.6	24	129	
C287872		3.5	240	1.8	13.7	22	100	
C287873		1880	256	3	34.7	41	154.5	0.19
C287874		5.5	193	1.9	13.2	26	103.5	
C287875		2.4	302	2.7	10	31	49.4	
C287876		2	304	4.2	7.6	24	50.1	
C287877		3	321	2.4	12.2	32	85.4	
C287878		5.7	90	7.6	15.8	9	93.9	
C287879		27.3	76	14	10.6	4	65.2	
C287880		10.4	69	11.2	10.5	7	66.9	
C287881		4.5	69	13.1	10.3	22	55.7	
C287882		3.9	64	22.3	7	32	22.3	
C287883		5.1	77	24.9	5.5	41	28.8	
C287884		4.4	87	20.5	7.8	35	57.6	
C287885		4.7	114	19.9	6.8	19	54.8	

Comments: REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07121724

Method	WEI-21	Au-AA23	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
C287886	2.30	0.285		0.09	9.07	17.1	730	3.56	0.22	0.47	0.05	8.8	13.6	57	4.44
C287887	1.90	0.041		0.21	7.59	12.7	500	2.57	0.46	0.94	0.03	30.8	13	48	3.82
C287888	4.02	0.031		0.27	7.25	13.5	420	2.75	0.47	1.25	<0.02	29	17.1	46	4.12
C287889	3.76	0.008		0.05	7.98	11.5	580	2.94	0.14	0.63	<0.02	19.25	15.9	51	4.17
C287890	3.54	0.030		0.1	9.01	16.6	4400	2.41	0.27	1.49	0.03	7.3	13.3	59	4.1
C287891	4.20	0.016		0.28	8.15	12	1330	2.19	0.48	1.6	<0.02	33.1	14.7	48	3.67
C287892	3.96	0.041		0.25	6.78	14.7	1450	1.47	0.51	1.32	<0.02	259	39.6	44	3.26
C287893	3.64	0.005		0.1	7.89	10.7	2650	1.55	0.98	1	<0.02	236	28.3	50	4.05
C287894	3.80	<0.005		0.08	7.55	7.8	1660	1.94	1.26	0.81	<0.02	303	26.6	49	4.44
C287895	4.16	<0.005		0.03	7.66	7.6	1720	1.47	0.16	1.04	<0.02	147	30.1	45	3.8
C287896	3.62	0.011		0.1	7.4	6.1	1780	1.03	0.47	1.52	<0.02	141.5	31	43	2.95
C287897	3.64	0.049		0.05	7.56	5.1	1860	1	0.33	2.48	<0.02	139.5	36.7	45	2.76
C287898	4.20	0.022		0.04	7.36	4.2	2470	0.88	0.29	3.49	<0.02	102	40.8	40	2.62
C287899	4.02	<0.005		0.03	6.84	5.1	2540	0.69	0.21	2.75	0.02	119	41.4	37	1.88
C287900	4.22	<0.005		0.05	7.46	5.1	1850	0.93	0.21	2.39	<0.02	82.4	52.6	42	3.11
C287901	3.94	<0.005		0.05	7.08	5.5	2780	0.81	0.35	2.79	<0.02	90.3	43.8	41	2.83
C287902	4.08	0.007		0.12	7.32	5.1	2290	1.03	0.6	2.5	<0.02	91.6	48.3	42	3.44
C287903	3.66	0.023		0.66	8.3	7.5	2010	2.28	4.15	1.08	<0.02	81.8	48	49	5.41
C287904	3.50	0.019		1.19	8	8.8	4260	1.69	3.83	0.84	<0.02	45.4	33.2	47	3.51
C287905	3.38	0.044		1.42	8.02	10.4	4550	2.14	5.64	0.59	0.04	63	29	49	2.89
C287906	1.12	0.008		0.46	7.72	12.7	3450	1.97	1.29	0.33	<0.02	15.1	40	51	4.42
C287907	0.72	0.013		0.52	8.32	30	>10000	2.12	3.81	0.37	0.04	9.78	36.7	56	3.96
C287908	0.36	0.030		1.08	8.49	82.8	9540	2.72	7.41	0.75	0.18	33.2	51.4	67	3.71
C287909	1.06	0.013		0.41	8.97	18.1	8390	1.96	2.6	0.44	<0.02	10.55	30.6	61	3.76
C287910	1.06	<0.005		0.18	8.32	40.7	9090	2.32	0.77	0.37	0.02	20.1	42.6	65	3.91
C287911	1.06	0.007		0.23	8.86	16.3	5940	2.22	0.72	0.6	<0.02	8.76	38.4	65	4.61
C287912	1.04	<0.005		0.29	8.87	23.3	5180	2.6	1.45	0.56	0.02	11.15	42.4	61	5.14
C287913	1.76	0.012		1.48	8.38	12.6	4350	2.39	5.96	0.75	<0.02	41.9	31.9	54	4.32
C287914	1.40	0.040		5.31	7.57	16.6	6360	1.85	20.7	1.21	<0.02	37.6	28.4	50	3.52
C287915	0.74	0.142		10.65	4.15	14.5	5610	0.95	46	1.94	<0.02	27.8	40.5	29	2.27
C287916	0.86	0.036		6.62	4.33	11.1	1640	1.37	29.1	0.96	<0.02	22.5	36.6	32	2.35
C287917	1.48	0.053	0.087	3.46	6.27	10.3	1930	2.55	9.56	0.56	<0.02	117	49.2	39	3.75
C287918	1.66	0.194		3.39	3.45	13.1	3410	1.28	7.67	0.48	0.02	38.6	21.2	31	1.48
C287919	1.50	0.021		0.61	7.56	7.8	3410	2.5	2.76	0.69	<0.02	17.6	24.4	47	3.46
C287920	1.56	0.031		3.04	7.48	9.5	2680	2.72	11.05	0.62	<0.02	41	41.9	53	4.85
C287921	1.98	0.114		0.87	7.59	8.2	2000	3.21	4.87	0.43	0.02	123.5	57.8	53	6.04
C287922	1.48	0.009		0.44	7.93	7.7	1110	3.73	2.14	0.28	<0.02	200	60.6	54	7.28
C287923	2.58	0.009		0.13	7.98	5.6	2820	2.31	0.87	2.16	<0.02	121	30.3	50	4.58
C287924	3.24	<0.005		0.04	7.6	4.5	2910	1.15	0.15	2.35	<0.02	96.8	31.2	44	2.63
C287925	4.04	<0.005		0.02	7.47	5.8	2900	1.74	0.13	3.24	<0.02	88.9	35.7	46	2.69

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C287886		2.1	6.75	39.9	0.13	1.6	0.077	5.91	5.4	96.4	1.33	286	6.53	0.06	4.6	22.9
C287887		2.2	8.95	19.8	0.13	1.7	0.046	5.19	21.7	83.9	1.41	494	7.69	0.05	4.8	29.2
C287888		2.7	8.72	18.45	0.17	2	0.052	5.22	19.8	91.6	1.73	656	6.29	0.05	4.1	38.3
C287889		2.3	12.55	28.9	0.18	1.9	0.059	5.47	13.1	80.4	1.46	286	5.11	0.05	4.8	28.9
C287890		3.6	10.35	22.8	0.16	2.2	0.058	7.81	4.4	67.2	1.57	721	6.37	0.08	4.7	20.7
C287891		1.8	8.48	15.95	0.17	2.1	0.048	7.12	22.4	53.6	1.69	735	7.8	0.07	3.4	23.8
C287892		3.3	11.55	17.25	0.32	1.8	0.032	5.2	176.5	36.9	2.11	629	8.99	0.06	5	64.4
C287893		8.3	11.65	17.6	0.34	2.1	0.041	6.66	159.5	37.4	1.65	627	5.68	0.07	4.7	34.5
C287894		5	8.19	22.2	0.33	1.9	0.049	6.16	197.5	45	1.79	516	3.53	0.05	3.7	33.6
C287895		3	7.38	18.25	0.25	2.1	0.037	6.85	97.6	38.7	1.89	526	8.61	0.05	3.6	28.3
C287896		2.1	7.69	18.95	0.23	2.1	0.03	6.5	91.7	30	2.07	866	2.97	0.05	4.2	23.9
C287897		1.4	8.4	18.7	0.24	2.2	0.033	6.91	89.3	30.7	2.64	1305	2.7	0.06	5.1	24.45
C287898		3.8	7.33	17.6	0.21	2.1	0.037	6.66	62.4	31	3.14	1785	2.45	0.07	4.8	30.8
C287899		6	7.36	16.65	0.23	2.2	0.032	5.9	75.8	26.9	2.74	1620	5.34	0.07	4.8	26
C287900		4.9	8.51	19.9	0.21	2.4	0.036	6.21	50.5	38.7	3.1	1225	3.57	0.07	5.7	34.7
C287901		2.4	7.88	16.85	0.21	2.1	0.035	6.34	55.1	30.1	3.04	1400	3.43	0.06	4.5	28.1
C287902		117.5	9.02	18.6	0.22	2.2	0.039	6.38	56.6	32.9	3.12	1305	4.17	0.06	5.5	31.2
C287903		8.1	7.86	24.4	0.21	2.3	0.049	6.17	50.8	44	2.59	605	3.36	0.07	5.9	51.6
C287904		6.8	6.72	18.85	0.16	2.1	0.046	6.83	29	33.4	1.67	485	3.81	0.08	4.3	45.9
C287905		32.1	8.14	26.6	0.22	1.9	0.038	6.89	41.4	31.5	1.24	356	11.5	0.09	4.7	36.8
C287906		16.3	7.34	29.8	0.15	2	0.033	7.44	8.6	51.1	1.65	126	7.06	0.07	6.6	53.2
C287907		65.9	4.14	31.4	0.12	2.4	0.047	6.19	4	45.6	1.37	149	16.15	0.12	7.4	48.2
C287908		216	5.84	33.3	0.22	2.8	0.065	7.27	8	48.8	1.49	366	52.2	0.1	10.6	54.9
C287909		56.8	8.46	29.1	0.17	2.3	0.034	8.38	5	38	1.24	177	31.7	0.1	6.5	42.3
C287910		124	8.5	30.3	0.19	2.6	0.045	7.46	7	44.5	1.35	138	22.4	0.1	8.3	49.7
C287911		37.2	7.59	32.1	0.18	2.6	0.039	8.19	4	48.2	1.61	250	10.55	0.09	6	53.4
C287912		127.5	6.29	36	0.18	2.6	0.05	8.14	5	56.3	1.73	237	15.35	0.09	6	57.9
C287913		27.8	8.29	30.5	0.2	2.3	0.046	6.86	26	43.5	1.63	343	9.01	0.08	5.4	45.3
C287914		22.7	9.23	23.7	0.21	2.1	0.039	6.69	22.4	31.4	1.56	586	13.8	0.09	5.7	40.1
C287915		21.4	18.35	18.05	0.27	1.2	0.032	2.99	17.5	24.6	2.27	888	19.3	0.06	6.9	69.8
C287916		9.7	16.7	18.65	0.24	1.3	0.02	3.33	14.6	31.9	1.73	379	12.2	0.04	6.7	76.8
C287917		6.4	10.85	29.8	0.25	1.9	0.039	4.47	80.3	54.1	2.12	259	10.35	0.05	8.3	79.5
C287918		6.8	21.4	13.8	0.28	1.3	0.026	2.83	27.9	22.7	0.91	178	21.3	0.05	8.2	31.7
C287919		17.5	8.25	21	0.15	2.1	0.056	6.08	11.1	40.6	1.38	314	7.57	0.07	5.4	40.6
C287920		17.1	7.28	25.1	0.18	2.4	0.06	6.03	24.3	51.3	1.95	320	16.55	0.06	5.3	77.1
C287921		14.3	7.6	27	0.23	2.4	0.073	5.72	78.1	61.9	2.53	176	17.8	0.1	6.1	97.7
C287922		4.3	8.04	31	0.27	2.5	0.081	5.49	124.5	57.9	2.69	124	5	0.05	6.5	99.4
C287923		4.2	5.23	24.1	0.2	2.8	0.087	6.25	69.1	40.5	2.33	1065	4.13	0.07	5.8	43.4
C287924		2.8	5.74	18.35	0.19	2.4	0.05	6.84	55.3	25.1	2.23	1100	3.4	0.08	5.3	39.1
C287925		7.9	5.63	23	0.19	2.3	0.09	6.45	49.7	31.3	2.74	1385	1.49	0.08	4.7	37

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C287886		780	7.7	414	<0.002	<0.01	4.33	24	2	10.5	7.5	0.25	0.16	21.8	0.185	0.54
C287887		830	6.3	353	<0.002	<0.01	4.63	12.2	2	6.4	10.6	0.25	0.24	15.4	0.163	0.46
C287888		760	12.5	338	<0.002	<0.01	4.65	11.7	2	5.1	13.7	0.23	0.26	15.5	0.152	0.5
C287889		670	6.4	386	<0.002	<0.01	4.47	16.7	2	7.1	9.2	0.29	0.05	9.4	0.188	0.47
C287890		890	9.1	391	<0.002	0.08	4.02	16	2	5.4	51.6	0.31	0.09	6.6	0.197	0.53
C287891		810	8.4	328	<0.002	<0.01	3.7	11	2	4.1	19.3	0.21	0.24	13.9	0.162	0.47
C287892		770	6.6	213	<0.002	0.01	3.54	11	2	4.8	20.8	0.29	0.3	13.2	0.171	0.37
C287893		760	15.9	273	<0.002	0.03	3.94	12.4	2	4.7	34.3	0.3	0.5	15.2	0.196	0.46
C287894		700	11.4	290	<0.002	0.01	3.49	14.4	2	4.9	16.4	0.25	0.47	13.6	0.165	0.42
C287895		770	22	258	<0.002	0.01	3.09	11	2	3.9	17.7	0.26	0.05	14.7	0.171	0.41
C287896		680	6.6	193.5	<0.002	0.01	2.85	11.4	2	4.1	23.6	0.29	0.06	15.1	0.169	0.33
C287897		690	6.9	186.5	<0.002	0.01	2.76	12.2	2	3.8	23.8	0.37	0.1	15.1	0.211	0.35
C287898		650	4.9	181.5	<0.002	0.02	2.42	12.8	2	3.3	34.1	0.35	0.05	13.8	0.198	0.32
C287899		640	4.6	145.5	<0.002	0.02	2.48	10.4	2	2.9	36	0.36	<0.05	13.5	0.184	0.47
C287900		710	4	180	<0.002	<0.01	2.91	11.7	2	4.3	24.2	0.42	<0.05	15.1	0.206	0.34
C287901		690	3.8	177.5	<0.002	0.03	2.67	10.6	2	4	35.1	0.31	0.08	13.8	0.186	0.31
C287902		730	5.9	185	<0.002	0.03	2.79	11.8	2	4.3	31.7	0.39	0.1	14.3	0.211	0.33
C287903		840	6.1	278	<0.002	0.02	3.68	14.5	2	4.7	24.6	0.39	0.39	16.1	0.213	0.43
C287904		800	8.4	239	<0.002	0.06	3.18	12.3	3	4.1	50	0.27	0.39	14.1	0.176	0.4
C287905		820	10.1	239	<0.002	0.14	3.78	15.3	9	6.3	57.8	0.28	0.47	13.2	0.17	0.65
C287906		790	8.1	253	<0.002	0.04	3.94	17.4	4	5.3	30.5	0.4	0.13	10.2	0.193	0.6
C287907		790	21.8	199.5	<0.002	0.3	4.67	16.8	4	4.9	226	0.47	0.17	10.3	0.217	0.75
C287908		860	64.9	212	<0.002	0.21	12.4	21.6	11	6	108.5	0.61	0.21	53.3	0.289	1.15
C287909		840	18.3	265	<0.002	0.15	4.92	16.4	6	5.5	107.5	0.42	0.13	18	0.216	0.82
C287910		820	23.3	259	<0.002	0.18	6.91	18.4	5	5.7	112.5	0.51	<0.05	32	0.254	0.66
C287911		790	10.8	285	<0.002	0.09	4	18	3	5.2	61.7	0.4	0.07	11.6	0.22	0.63
C287912		840	15.8	312	<0.002	0.09	5.16	20.1	5	5.7	59.5	0.37	0.11	14.9	0.21	0.77
C287913		800	14.6	296	<0.002	0.07	4.29	17.4	5	5	36.9	0.34	0.73	16.3	0.208	0.51
C287914		880	28.9	250	<0.002	0.11	4.88	13.3	7	4.6	56.7	0.32	1.33	20.6	0.19	0.43
C287915		720	9.3	128.5	<0.002	0.15	5.05	7	14	6.7	56.1	0.24	2.93	6.1	0.123	0.23
C287916		760	8.1	135	<0.002	0.03	4.31	7.3	9	5.5	19.9	0.28	1.65	6.7	0.121	0.24
C287917		820	11	212	0.002	0.03	4.17	17.1	7	5.4	25.7	0.44	0.63	15.3	0.151	0.36
C287918		1040	12	117	0.002	0.09	4.57	8.8	12	6.1	59.9	0.36	1	11.2	0.125	0.28
C287919		780	8.5	224	<0.002	0.06	3.57	11.1	3	4.5	34.5	0.4	0.48	11.1	0.17	0.49
C287920		780	21.5	224	<0.002	0.04	4	13.8	7	3.7	33.6	0.4	1.71	13.9	0.185	0.55
C287921		830	14.3	290	0.007	0.03	3.61	14.4	5	3.4	29	0.48	0.54	14.6	0.216	0.56
C287922		850	8.2	323	0.003	0.01	3.94	15.3	4	3.8	12.8	0.48	0.14	15.2	0.211	0.53
C287923		740	4.9	173	<0.002	0.03	3.4	13.1	2	3.8	46.6	0.46	0.11	16.5	0.186	0.44
C287924		700	3.2	140.5	<0.002	0.02	2.17	12.8	2	2.8	35.6	0.44	<0.05	15.9	0.182	0.36
C287925		720	3.2	143.5	<0.002	0.04	2.05	14.5	2	3.3	38.3	0.37	0.06	15.4	0.16	0.34

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CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
C287886		6	82	11.9	9.9	36	56.1	
C287887		6.3	60	12.3	8.7	32	59.8	
C287888		17	72	11.5	14.2	29	70.6	
C287889		4.2	94	10.9	11.1	32	65.5	
C287890		6.8	71	14.3	10.4	24	73	
C287891		10.1	62	9.5	12.6	19	71.6	
C287892		5.3	78	11.3	14.3	96	65.5	
C287893		7.1	83	11.3	13.7	69	71.2	
C287894		6.6	78	9.6	12.9	45	65.6	
C287895		5.6	65	7.7	12.7	40	67.9	
C287896		6.9	68	8.5	12	34	68	
C287897		9.2	74	8.9	14.5	37	78.1	
C287898		8.4	68	8.6	15.1	32	72.3	
C287899		6.3	64	7.5	15	39	71.6	
C287900		6.2	76	8.7	12.8	36	79.7	
C287901		6.4	70	9.1	12.2	19	72.7	
C287902		6.6	75	8.6	12.9	29	78.6	
C287903		12.1	85	10.3	15	19	76.4	
C287904		19.9	65	9.9	15.2	20	68.3	
C287905		20.7	69	9.8	14.2	32	64.6	
C287906		48.3	67	10.3	17.2	28	65.4	
C287907		159	55	10.7	28.4	31	77.9	
C287908		970	72	19.6	105.5	53	92.2	
C287909		129	75	14.8	27.2	24	74.1	
C287910		382	82	16.7	49.1	28	83	
C287911		125.5	71	12.1	24.9	23	83.9	
C287912		189.5	75	11.3	27.1	23	87.6	
C287913		51.9	73	11	21.7	15	76.4	
C287914		64.1	71	12.1	24.6	13	69.4	
C287915		18.9	103	17.5	11.7	14	36.8	
C287916		15.1	93	14.4	10.4	13	41	
C287917		32.9	72	13	16.8	30	60.3	
C287918		65.6	95	14.1	12.2	17	41.7	
C287919		21.9	63	10.6	16.2	16	66.1	
C287920		44.3	68	11.7	20.9	22	75	
C287921		39.7	79	99.5	19.8	21	78.2	
C287922		49.5	75	42.4	20.4	18	83.7	
C287923		12.4	73	50.7	16.6	9	87.9	
C287924		8	69	41	14.6	11	74.9	
C287925		6.4	76	30.9	14.9	9	76.8	

Comments: REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C287926		3.34	<0.005		0.02	8.05	5.3	1830	2.44	0.1	1.97	<0.02	125.5	38	56	3.89
C287927		4.02	<0.005		0.04	7.94	8	1270	2.05	0.23	1.64	<0.02	119.5	35.1	53	3.48
C287928		3.80	0.009		0.09	7.99	7.9	1450	1.44	0.24	1.58	<0.02	126.5	40.1	50	2.83
C287929		3.66	0.148		0.99	7.57	6.6	1630	1.65	3.24	2.4	<0.02	93.3	26.7	49	2.17
C287930		4.32	0.039		0.52	7.51	9.4	1520	0.76	2.26	3.31	<0.02	86.8	29.8	44	1.13
C287959		4.52	<0.005		0.02	7.67	7.7	860	1.59	0.17	2.01	<0.02	40.3	20.6	53	4.99
C287960		5.00	<0.005		0.08	6.99	7.6	7220	1.24	0.25	2.55	<0.02	204	23.7	43	3
C287961		4.90	<0.005		0.03	8.38	6.2	1940	1.45	0.15	1.39	<0.02	77.8	15.2	63	3.74
C287962		5.66	<0.005		0.14	7.05	5.6	2210	1.63	0.19	2.39	<0.02	163.5	19.1	44	3.57
C287963		5.96	<0.005		0.02	7.29	6.3	2330	1.18	0.12	2.92	<0.02	152.5	22.7	48	3.49
C287964		5.80	<0.005		0.04	7.41	6.5	2210	1.16	0.16	3.57	<0.02	100.5	20	42	3.14
C287965		4.34	<0.005		0.05	7.74	6.3	2680	1.36	0.18	3.19	0.02	81.9	25.4	46	4.27
C287966		5.00	<0.005		0.03	7.05	6.9	2270	1.31	0.18	2.59	<0.02	86.4	23.5	43	3.34
C287967		5.82	<0.005		0.05	7.29	5.5	2400	1.23	0.24	3.08	0.02	102	21.1	41	3.24
C287968		6.32	<0.005		0.04	6.83	5.7	3630	1.25	0.17	3.13	0.02	201	22.7	41	3.03
C287969		0.04	<0.005		0.01	0.06	<0.2	20	<0.05	<0.01	0.01	0.02	2.7	0.1	1	<0.05
C287970		5.82	<0.005		0.04	7.86	7	6030	1.44	0.23	1.95	0.02	36.3	15.4	60	3.1
C287971		4.78	<0.005		0.04	7.68	5.2	2710	1.27	0.23	2.82	0.03	155	19	49	3.42
C287972		6.00	<0.005		0.07	7.16	8.9	2440	1.35	0.18	3.7	<0.02	113.5	30.3	40	4.38
C287973		4.98	<0.005		0.05	7.64	5.4	2610	1.39	0.22	2.8	0.02	77.4	22.4	45	4.34
C287974		3.92	0.015		0.21	7.29	7.7	4800	1.11	0.44	1.86	<0.02	108	18.7	49	3.11
C287975		1.58	<0.005		0.25	6.66	12.4	3130	0.31	0.23	5.68	0.1	14.55	19.7	54	1.03
C287976		1.74	<0.005		0.05	7.86	5.4	1320	1.37	0.19	1.68	<0.02	102.5	28.8	50	4.65
C287977		1.54	<0.005		0.12	7.62	10.5	1720	1.49	0.24	2.73	<0.02	137	42.8	51	4.17
C287978		1.98	<0.005		0.08	7.51	8.2	1360	1.38	0.19	2.87	<0.02	137.5	33.9	53	4.04
C287979		4.44	0.079		1.9	6.91	31.7	2580	1	3.27	2.54	<0.02	59.5	74.2	48	2.53
C287980		4.38	0.066		0.61	5.97	16.4	2280	0.95	1.72	3.03	0.03	195	36.6	31	2.21
C287981		5.60	0.074		0.23	5.55	8	2680	0.84	0.8	2.56	<0.02	104	29	30	2.43
C287982		3.04	<0.005		0.09	7.24	11.2	1650	1.15	0.2	2.43	0.02	76.5	48.2	40	3.42
C287983		2.92	0.060		1.05	7.59	16.8	980	1.65	1.67	0.08	<0.02	126	24.2	44	2.31
C287984		2.42	0.048		2.02	7.65	41.8	1320	1.8	1.49	0.06	<0.02	192.5	28.5	47	2.17
C287985		2.40	<0.005		0.33	6.36	14.9	530	1.07	0.36	2.96	0.03	179	19.8	37	1.59
C287986		1.72	0.027		0.46	6.87	15.6	490	2.48	2.55	1.61	0.15	107	43.9	43	4.6
C287987		1.30	0.011		0.56	8.04	37.4	690	3.5	1.75	0.9	0.13	143.5	108.5	28	6.05
C287988		2.50	<0.005		0.11	7.65	17.9	240	3.97	0.33	0.72	0.05	86.2	113	4	5.21
C287989		3.00	<0.005		0.04	6.28	14.3	1170	2.79	0.13	0.83	0.05	68.7	92	<1	2.76
C287990		3.04	<0.005		0.15	7.47	16.2	350	4.37	0.18	0.96	0.27	87.9	93.1	5	6.25
C287991		1.16	<0.005		0.07	6.41	9.2	650	2.78	0.11	2.62	0.21	87.8	41.6	35	5.63
C287992		3.92	0.018		0.26	6.39	14.3	590	2.64	0.42	2.4	0.2	397	20.2	34	3.96
C287993		5.22	0.037		0.44	7.58	10	480	2.69	0.43	1.53	<0.02	98.1	16.5	40	3.65

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Finalized Date: 14-NOV-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C287926		2.8	6.07	26.2	0.22	2.4	0.084	6.15	70.6	48.7	2.76	780	1.76	0.07	4.4	51.2
C287927		6.9	6.44	24.9	0.22	2.6	0.08	7.61	67.3	36.6	2.06	735	6.56	0.07	5.1	47.9
C287928		28.6	7.16	24.5	0.22	2.5	0.074	5.97	75.3	25.7	1.77	979	9.65	0.08	4.2	48.2
C287929		320	6.29	25.4	0.18	2.4	0.092	5.6	53.2	18.3	1.83	1225	15.3	0.09	3.6	38.6
C287930		93.6	4.13	15.3	0.17	2.2	0.075	5.44	49.4	7.2	1.76	1545	36.8	0.09	5	20.6
C287959		1.5	7.98	25.8	0.18	2.6	0.086	6.37	22.2	32.5	1.6	1245	3.26	0.06	5.3	47
C287960		7.1	6.96	16.45	0.26	2.3	0.092	5.18	115.5	23.2	1.51	1450	14.45	0.1	5.1	27.1
C287961		12.5	7.85	21.5	0.21	2.9	0.079	5.68	42.4	29	1.14	877	10.9	0.08	4.9	32.6
C287962		1.5	7.21	22.3	0.22	2.3	0.09	5.98	93.2	28.5	1.63	1170	6.25	0.07	4.1	30.6
C287963		1.1	7.41	20.4	0.23	2.5	0.071	6.16	86.4	26.8	1.83	1410	4.17	0.07	4.3	35.4
C287964		1.2	7.14	19	0.19	2.4	0.07	6.84	58.8	23.9	2.06	1560	2.8	0.07	4.3	28.5
C287965		9.7	8.13	21.1	0.2	2.6	0.099	6.73	47.5	34	1.93	1845	11.8	0.07	4.7	36
C287966		2	7.02	19.55	0.17	2.3	0.081	5.76	49.1	30.9	1.69	1270	3.59	0.07	3.9	29.8
C287967		3.8	6.75	18.65	0.2	2.2	0.074	6.55	60.3	29	1.94	1250	2.67	0.07	3.9	25.5
C287968		2.5	6.38	19.75	0.25	2.1	0.091	4.87	114	29.4	1.94	1485	4.01	0.14	3.6	26.6
C287969		1.2	0.03	0.2	<0.05	0.8	<0.005	0.01	1.5	1.8	0.01	<5	0.06	<0.01	0.1	0.4
C287970		8.7	5.87	18.95	0.13	2.4	0.073	5.53	19.5	32.4	1.32	992	3.66	0.1	5.3	22.8
C287971		2.4	5.84	20	0.23	2.5	0.093	6.29	90.6	30.1	1.63	1430	9.31	0.07	4.8	30.2
C287972		4.1	6.21	23.1	0.22	2.5	0.097	6.06	67.5	38.9	2.14	1745	14.75	0.06	4.8	41.2
C287973		4	6.92	21.1	0.19	2.4	0.085	6.38	47.8	42.8	2.05	1280	7.69	0.07	5.2	33.6
C287974		6.8	7.44	16	0.21	2.1	0.048	5.81	66.2	31.8	1.47	801	12.95	0.09	3.7	27.2
C287975		22.5	7.49	6.52	0.15	1.7	0.053	5.55	8.4	3.9	2.3	2520	17.75	0.09	2.7	7.3
C287976		1.5	6.37	22	0.18	2.6	0.067	6.06	65.1	46.1	1.86	704	2.24	0.05	4.1	48.8
C287977		5.1	7.59	24.5	0.26	2.5	0.073	6.01	85.3	46.2	2.35	1430	7.42	0.04	3.4	51.9
C287978		2.8	7.54	24.4	0.25	2.4	0.07	5.89	85.7	43.8	2.42	1425	4.54	0.04	3.5	43.5
C287979		76.2	10.65	16.4	0.23	2.4	0.051	6.01	37	28.6	1.95	1595	42.1	0.05	4.6	53.1
C287980		25.4	11.35	15.15	0.35	2.3	0.102	5.87	109.5	21.5	2.05	1905	20.4	0.03	5.6	34.6
C287981		7.1	11.5	15	0.28	2	0.048	5.01	59.3	26.9	2.16	1200	9.37	0.02	6	34.6
C287982		10.4	9.21	20.4	0.25	2.4	0.043	5.98	44.5	49.7	3	1230	4.07	0.03	6.4	53.6
C287983		26.5	12.85	19.2	0.29	2.2	0.033	6.94	75.6	34.5	0.65	133	35	0.05	5.1	18
C287984		29.7	14	23.3	0.39	2.5	0.039	7.12	118	35.9	0.49	128	22.3	0.05	5.8	13.9
C287985		13.2	10.15	15.25	0.33	2	0.028	6.67	106	18.8	1.73	1690	9.16	0.05	3.9	14
C287986		26.7	7.67	17.9	0.25	2.1	0.053	5.47	64.1	67.4	1.91	1275	20.7	0.05	3.8	51
C287987		217	10.55	19.15	0.28	3.1	0.078	5.47	84	86.6	2.75	1615	53.8	0.03	4.1	78.2
C287988		356	11.6	24.2	0.28	5.4	0.077	2.72	46.2	105	4.8	655	12.35	0.02	6.3	50.6
C287989		146.5	9.19	15.6	0.22	4.8	0.037	4.43	33.6	62.7	2.64	423	2.94	0.02	5	18.8
C287990		297	10.15	22.1	0.24	5.5	0.088	3.16	42.1	94.8	4.47	521	4.18	0.02	6.8	26.6
C287991		126	6.75	18.45	0.21	2.4	0.098	4.41	44.4	65.6	2.51	1495	7.27	0.03	4.6	38.6
C287992		17.9	9.68	16.8	0.44	2.1	0.057	5.03	245	78.3	1.46	1410	21.7	0.04	3.8	33.7
C287993		5.8	7.38	21.9	0.2	2	0.048	5.16	60.8	98.8	2.16	749	84.1	0.04	3.1	31.9

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C287926		790	3	181	<0.002	0.01	2.03	14.6	2	3.1	19.6	0.35	0.05	15.5	0.179	0.42
C287927		820	4.1	202	0.003	0.02	1.97	13.5	2	3.4	16.6	0.39	0.1	16.1	0.18	0.39
C287928		800	7.7	122	0.008	0.03	1.7	11	2	3	17.3	0.32	0.1	17.3	0.16	0.34
C287929		780	10.7	104.5	0.005	0.04	1.7	13	5	3.2	21.8	0.27	0.49	15.2	0.144	0.32
C287930		700	11.2	81.4	0.012	0.05	1.69	12.6	3	1.8	30.7	0.39	0.43	13.5	0.132	0.37
C287959		810	3.8	215	<0.002	<0.01	5.54	12.7	2	3.5	25.2	0.38	<0.05	15.9	0.186	0.54
C287960		730	5	146.5	<0.002	0.16	4.36	12.9	2	3.8	132	0.37	0.1	17.4	0.156	0.48
C287961		910	4	146.5	<0.002	0.01	4.24	14.7	2	3.9	28.7	0.37	0.05	17.7	0.179	0.56
C287962		760	4.2	214	<0.002	0.03	3.87	16	2	3.6	50	0.29	<0.05	15.7	0.151	0.47
C287963		800	3.9	162	<0.002	0.03	3.95	13.8	2	3.8	57.1	0.33	<0.05	16.7	0.163	0.49
C287964		750	4.1	215	<0.002	0.03	3.75	12.9	2	3.7	49.4	0.32	<0.05	18.2	0.162	0.49
C287965		790	4.9	219	<0.002	0.03	4.17	14.4	2	4.1	61.4	0.34	0.05	16.6	0.164	0.55
C287966		730	4	172	<0.002	0.03	3.39	12.9	2	3.7	48.5	0.28	<0.05	15.7	0.144	0.48
C287967		720	8	222	<0.002	0.04	3.07	13.2	2	3.1	52.5	0.28	0.05	15.8	0.156	0.45
C287968		710	8.3	149.5	<0.002	0.08	2.95	14	1	3.2	87.3	0.26	<0.05	14.8	0.144	0.44
C287969		10	1.1	0.4	<0.002	0.01	<0.05	0.2	1	0.2	2.1	<0.05	<0.05	0.3	0.005	<0.02
C287970		800	17.6	134	<0.002	0.12	4.03	13.8	2	3.8	80.4	0.39	0.07	15.5	0.177	0.55
C287971		820	12.4	163	<0.002	0.03	3.6	14.7	2	3.5	40.2	0.35	0.07	17.1	0.171	0.59
C287972		700	11.1	228	<0.002	0.04	3.79	14	2	3	65.3	0.35	<0.05	15.8	0.161	0.68
C287973		760	16.1	216	<0.002	0.04	4.03	14.4	2	3.5	46.3	0.37	0.05	16.7	0.182	0.64
C287974		820	31.6	143	<0.002	0.1	3.62	12	2	3.1	65.2	0.28	0.11	15.5	0.174	0.57
C287975		570	36.1	94.8	<0.002	0.31	3.63	12.3	5	2.1	48.2	0.19	0.08	8.1	0.154	1.35
C287976		810	7.3	225	0.002	0.01	3.72	13.7	2	3	19.9	0.33	0.29	17.2	0.175	0.61
C287977		820	9.6	208	<0.002	0.2	4.11	13.2	2	3	31.1	0.26	<0.05	17.4	0.169	1.05
C287978		780	8	237	<0.002	0.06	3.67	15.2	2	3.1	26.6	0.26	0.05	17.3	0.168	0.71
C287979		820	31.3	144.5	<0.002	0.67	7	10.4	5	3.8	54.7	0.32	0.3	15.3	0.169	4.12
C287980		830	12.8	167.5	0.003	0.3	5.63	10.2	3	5.7	54.1	0.36	0.18	14.7	0.163	3.3
C287981		730	5.8	144.5	0.002	0.08	4.26	8.4	2	5.5	43.4	0.36	0.33	12	0.16	1.19
C287982		690	4	184.5	<0.002	0.06	3.5	11.6	2	3.6	25.6	0.49	0.1	14.7	0.209	1.02
C287983		720	15.7	196	<0.002	0.69	5.76	12.2	4	5.9	18.3	0.34	0.17	14.5	0.176	7.35
C287984		760	31.2	202	0.002	1.55	8.32	13.6	4	7.3	27.2	0.35	0.14	17.7	0.181	16.35
C287985		660	7.4	178	<0.002	0.27	3.19	10.4	3	3.8	18.6	0.29	0.05	15.4	0.143	2.55
C287986		680	13	259	<0.002	0.04	3.78	12.1	3	3.4	14.2	0.28	0.43	15.2	0.141	1.91
C287987		1430	15.2	202	<0.002	0.75	7.08	14.1	8	2.9	14.1	0.27	0.1	13.4	0.224	2.57
C287988		2610	5	118	<0.002	0.07	6.21	22.8	3	2.4	9	0.42	<0.05	11.8	0.425	0.76
C287989		2490	3.8	98.9	<0.002	0.1	4.32	21	2	1.1	22	0.34	<0.05	10.5	0.308	0.37
C287990		2730	37.9	126	<0.002	0.03	6.97	26.1	3	2	9.6	0.46	<0.05	12.3	0.442	0.29
C287991		620	40.6	208	<0.002	0.01	4.19	13.6	2	2.8	18.5	0.34	<0.05	13.7	0.161	0.38
C287992		790	7.2	291	<0.002	0.01	3.8	12	2	4	13.1	0.24	0.23	16.4	0.127	0.5
C287993		720	4.6	361	0.005	0.02	2.73	16.1	3	3.2	7.9	0.24	0.15	23.1	0.141	0.43

Comments: REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
C287926		6.1	86	15.1	12	10	76.4	
C287927		16.3	89	9.8	13.3	11	83.5	
C287928		24.5	90	6.3	15.2	15	80.5	
C287929		11.1	92	3.5	14.4	13	77.5	
C287930		7.7	63	2.9	14.2	6	71.2	
C287959		6.3	82	19.6	14.2	8	83.6	
C287960		7.4	65	11.1	14.7	6	74.9	
C287961		6.2	84	16.4	15.3	9	88.5	
C287962		6.3	74	11.8	13.4	6	72.8	
C287963		5.8	79	13	16	7	81.2	
C287964		5.5	72	11.3	15.5	7	77.4	
C287965		8.1	77	13.5	17.9	13	82.2	
C287966		5.7	71	8.1	14.1	7	75.8	
C287967		4.6	71	7.5	14.7	7	73.4	
C287968		4.5	74	7.6	13.7	8	67.7	
C287969		0.2	<1	0.4	1.7	4	25.7	
C287970		5.3	78	10.3	13.8	10	79	
C287971		5.4	77	10.6	15.7	15	79	
C287972		8.1	70	7.3	16.5	16	82.5	
C287973		5.5	79	9.8	15.4	12	77.9	
C287974		5.9	84	5.4	13	20	68.5	
C287975		9.4	97	6.2	16.2	7	57.9	
C287976		4.9	77	5.5	15.1	21	84	
C287977		7.1	79	5.4	16.1	33	89.1	
C287978		6.1	78	5.4	15	27	84.1	
C287979		15.9	70	8.9	17.8	32	89.1	
C287980		16.9	66	13.5	16.4	35	70.1	
C287981		7.5	68	16	13.3	27	61	
C287982		6.6	70	11.9	14.7	37	75.2	
C287983		11.7	65	9.3	11.2	18	66.3	
C287984		11	65	10.9	12.3	16	76.9	
C287985		6	61	7.6	13.5	18	61.3	
C287986		21.9	59	11	17.1	35	67.6	
C287987		27.7	107	9.7	32.7	137	123	
C287988		9.2	198	10.5	33.1	87	198	
C287989		4.1	158	8.8	25.8	42	172.5	
C287990		5.8	188	7.8	29.8	154	202	
C287991		5.5	67	5.8	15.4	80	74.1	
C287992		7.4	66	11.2	18.5	75	65.7	
C287993		4.8	63	8	11.5	34	60.1	

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C287994		5.24	<0.005		0.15	6.88	9.6	510	2.75	0.56	2.6	0.04	22.7	11.8	37	2.59
C287995		6.10	<0.005		0.16	7.33	14.7	650	3.15	0.43	1.17	0.04	44.3	10.2	41	2.96
C287996		2.02	<0.005		0.18	7.58	21.7	610	3.27	0.7	0.77	0.08	100	10.3	40	3.03
C287997		1.46	<0.005		0.21	4.33	22	910	1.52	0.37	0.7	0.05	131.5	6.8	38	1.37
C287998		1.58	<0.005		0.25	0.3	14.5	470	0.31	0.36	1.13	0.05	131.5	2.1	20	0.17
C287999		2.96	<0.005		0.37	2.29	16.8	340	0.34	1.03	0.4	0.16	>500	3	32	0.41
C288000		1.56	0.009		0.49	1.29	11.9	200	0.31	6.28	0.1	0.05	273	3	17	0.36

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CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
C287994		9.1	10.15	12	0.15	1.6	0.503	5.36	13	66.8	2	1365	11.3	0.05	3.2	26.6
C287995		17	7.93	14.95	0.26	2.2	0.055	6.01	26.9	79.9	1.16	593	9.66	0.05	5	26.4
C287996		15.8	10.85	17	0.29	2	0.052	6.04	62.7	79.2	1.02	343	7.13	0.04	6.6	23.3
C287997		38.6	16.25	13.15	0.33	1.2	0.022	3.71	82.8	34.2	0.49	183	17.3	0.04	6.2	19.5
C287998		62.1	34.8	7.91	0.65	0.8	0.034	0.31	84.4	3.1	0.2	472	7.48	<0.01	8.1	5.9
C287999		330	27	10.7	0.73	0.9	0.132	2.52	590	4.9	0.1	174	15.05	0.02	10	7.6
C288000		131	35.2	11.85	0.75	0.6	0.044	1.29	167.5	4.6	0.05	40	53.8	0.01	5.9	8.8

Comments: REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C287994		710	7.5	275	<0.002	0.01	3.13	10.1	2	3.1	16.3	0.21	0.05	13	0.143	0.37
C287995		750	16.3	323	<0.002	0.01	4.01	10.2	2	4.4	15	0.27	<0.05	18.2	0.143	0.46
C287996		820	21.1	345	<0.002	<0.01	4.35	9.6	2	4.8	8.6	0.35	0.06	17.8	0.16	0.5
C287997		970	31.4	179	0.002	0.02	3.8	9.3	2	6.6	13.4	0.27	0.11	16.2	0.112	0.29
C287998		800	14.7	15.4	<0.002	0.01	4.5	5.5	2	13	13.3	0.39	0.19	33.1	0.132	0.08
C287999		1570	40.7	72.5	0.002	0.01	2.9	4.5	3	7.6	11.2	0.35	0.4	192.5	0.151	0.23
C288000		340	130.5	53.6	<0.002	0.01	3.07	6.3	3	8.5	5.8	0.19	3.09	69.5	0.184	0.16

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07121724

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
C287994		5.4	61	8.5	12.1	27	50.1	
C287995		6.7	44	12.4	12.5	20	68	
C287996		6.1	56	13	10.3	29	60.6	
C287997		3.4	137	12.2	6.8	35	38.2	
C287998		2.9	505	14.4	6	30	22.5	
C287999		5.6	425	9.3	16.2	50	30.9	
C288000		2.7	529	9.5	5.9	31	19.5	

Comments: REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

CERTIFICATE VA07122855

Project: Werneckes

P.O. No.: FRG07-01

This report is for 37 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 10-DEC-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07122855

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333400	2.60	0.341	0.36	5.94	29	2250	1.53	4.58	2.63	<0.02	112	97.5	36	7.07	8750
E847401	1.76	0.030	0.15	4.72	10.6	5880	1.27	1.07	2.11	<0.02	200	28.8	35	2.81	789
E847402	1.46	0.080	0.16	5.5	17.2	2200	1.44	1.61	1.75	<0.02	>500	59.9	33	5.97	1520
E847403	1.90	0.027	0.05	5.41	10.2	1970	1.37	0.4	1.97	<0.02	186	13.1	35	2.11	870
E847404	2.24	0.095	0.18	6.84	40	2320	1.31	2.32	2.12	<0.02	162.5	143.5	43	3.12	1325
E847405	2.16	0.086	0.23	4.75	26.4	320	1.38	3.2	1.73	<0.02	245	98.1	30	2.96	1545
E847406	1.96	0.017	0.06	5.3	18.6	2020	1.69	0.59	4.75	<0.02	124	69.2	25	2.17	824
E847407	1.66	0.066	0.2	3.23	147	200	1.18	1.48	1.27	<0.02	284	221	19	1.38	3030
E847408	1.78	0.084	0.23	4.21	453	190	0.55	1.52	2.28	<0.02	63	562	29	1.03	4960
E847409	2.82	0.014	0.04	6.95	73.3	4770	2.43	0.3	3.45	<0.02	90	87.6	38	2.72	781
E847410	1.82	<0.005	0.02	6.99	8.6	3760	2.89	0.08	4.65	<0.02	84.9	41.5	38	2.87	64.2
E847411	2.54	<0.005	0.04	6.44	7.4	8470	2.42	0.15	4.35	<0.02	72.2	40.4	35	2.42	54.1
E847412	2.48	<0.005	0.02	7.93	8.9	2050	3.24	0.1	3.92	<0.02	100.5	40	47	3.31	37.4
E847413	3.18	<0.005	0.02	7.41	9.2	2030	2.91	0.14	4.11	<0.02	89.2	44	41	3.51	26.5
E847414	2.24	<0.005	0.03	7.3	8	6250	2.74	0.18	4.8	<0.02	81.1	35.4	37	3.24	29.3
E847415	2.32	<0.005	0.03	7.15	13.5	1130	3.21	0.28	3.97	<0.02	90.7	45.9	41	3.18	7.6
E847416	5.18	<0.005	0.03	7.45	16.3	1230	2.96	0.31	4.27	<0.02	85.1	62.4	43	2.83	8
E847417	0.44	0.005	0.04	7.27	19.9	1400	2.82	0.45	4.72	<0.02	55.6	70.6	40	2.69	5.2
E847418	2.50	0.005	0.05	6.91	16.1	820	2.52	0.31	4.94	<0.02	72.8	63.5	36	2.72	5.3
E847419	3.24	<0.005	0.04	7.17	9.3	1060	2.73	0.19	5.04	<0.02	83.8	40.7	39	2.62	12.3
E847420	2.14	0.023	0.05	6.96	7.2	880	2.46	0.35	4.98	<0.02	90.7	40.9	37	2.47	11.7
E847421	3.40	0.012	0.05	5.73	11.2	1270	1.64	0.41	6.22	<0.02	70.9	53.9	28	1.83	4.6
E847422	1.86	0.015	0.07	6.31	8.8	900	1.97	0.37	5.55	<0.02	48.3	54.4	33	2.11	7.8
E847423	2.96	0.008	0.03	6.54	5.7	790	1.54	0.24	4.46	<0.02	86.7	34.9	35	2.01	11.8
E847424	3.00	0.008	0.04	6.52	4.2	1250	1.51	0.22	4.81	<0.02	112	26	35	1.91	36.8
E847425	2.16	0.007	0.03	7.3	3.4	1060	2.88	0.23	3.26	<0.02	120	21.9	42	3.32	20.3
E847426	2.86	0.007	0.04	8.09	3.6	1290	3.21	0.25	3.75	<0.02	110.5	24.3	47	3.32	19.8
E847427	3.88	0.009	0.04	7.29	3.2	830	2.71	0.21	4.2	<0.02	99.4	24.9	40	3.18	16.9
E847428	0.06	0.945	38.8	4.47	1360	510	0.71	32.1	6.88	0.64	25.2	41.6	272	1.15	4430
E847429	3.10	0.016	0.07	7.11	4.4	1260	2.49	0.59	4.66	<0.02	88.2	28.4	38	2.8	83.3
E847430	3.70	0.011	0.03	7.36	3.2	950	2.73	0.42	4.26	<0.02	91.8	26.6	40	3.11	28
E847431	3.42	0.007	0.03	7.22	2.4	630	2.87	0.24	3.52	<0.02	91.5	24.2	38	3.81	8.3
E847432	3.96	0.008	0.02	7.91	2.8	900	3.25	0.2	3.15	<0.02	119	20.5	45	3.52	26
E847433	3.66	0.005	0.02	7.32	2.6	840	2.79	0.08	4.25	<0.02	98.5	22.4	38	2.74	3.2
E847434	5.76	0.028	0.03	7.46	2.8	800	2.88	1.2	4.01	<0.02	103.5	22.6	39	2.88	9.4
E847435	4.92	0.082	0.06	6.8	2.2	660	2.48	2.03	3.64	<0.02	91.5	21.1	34	2.47	5.8
E847436	4.96	0.005	0.03	7.03	2.5	780	2.7	0.28	3.59	<0.02	106.5	21.3	34	2.51	2.2

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07122855

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333400	9.67	15	0.22	1.8	0.123	0.36	81.2	213	8.31	2750	40.6	0.02	3.8	43.6	680
E847401	12.55	16.1	0.23	1.9	0.115	1.07	167.5	104	2.9	2310	11.2	0.01	5.9	28.7	590
E847402	13.65	19.9	0.48	1.8	0.106	1.28	660	156.5	3.41	1870	21.3	0.03	6	37.5	800
E847403	8.13	18.05	0.21	1.8	0.095	3.21	148.5	63.1	1.65	1875	19.3	0.05	6.4	22	890
E847404	12.6	17.15	0.26	2	0.077	4.29	129	84.6	2.5	2440	20.8	0.03	4	29.7	810
E847405	13.65	15.8	0.29	1.7	0.098	1.53	187	91.2	2.77	1850	16.8	0.03	6.1	32.2	610
E847406	8.74	15.95	0.21	1.9	0.23	2.16	89.3	61.2	3.79	4180	13.65	0.03	3.6	36.8	620
E847407	12.85	11.75	0.33	1.3	0.151	1.67	174.5	22.7	0.62	938	22.2	0.03	9	25.3	2830
E847408	10.75	8.17	0.21	1.6	0.084	4.04	35.4	17	1.03	2540	14.45	0.04	5.3	24.1	700
E847409	5.99	20	0.17	2.6	0.293	4.53	55.7	28	1.54	5060	13.45	0.03	6.5	20.2	720
E847410	6.89	21.4	0.19	2.2	0.351	4.05	49.3	31	2.03	7340	2.42	0.03	5.9	21.9	610
E847411	7.39	18.05	0.16	2	0.29	3.76	42.4	26.8	1.89	6830	10.65	<0.01	4.9	22.1	620
E847412	6.98	23.2	0.18	2.4	0.363	4.8	57.7	31.3	1.79	5790	0.7	0.04	6.9	21.9	700
E847413	7.07	21.2	0.18	2.2	0.333	4.12	51.3	35	1.98	6340	1.13	0.04	5.9	24.6	640
E847414	6.56	20.1	0.18	2.3	0.345	3.95	46.8	42.8	2.44	6480	3.59	0.02	6.1	22	640
E847415	5.7	22.5	0.18	2.4	0.369	4.38	52.3	35.4	1.94	5750	10.6	0.04	7.1	22.2	640
E847416	6.83	21.9	0.17	2.3	0.353	4.51	49	28.1	1.99	6100	4.04	0.04	7.1	27.6	670
E847417	7.2	21.2	0.16	2.3	0.361	4.32	32	29.4	2.21	6430	5.2	0.04	7.4	30.4	650
E847418	7.36	19.8	0.18	2.3	0.329	4.05	41.8	33.6	2.41	6540	9.38	0.04	8	30.3	710
E847419	6.87	20.3	0.18	2.3	0.324	4.36	47.9	22.5	2.25	6870	6.71	0.05	9.2	24.9	650
E847420	7.13	19.2	0.18	2.2	0.281	4.23	51.9	23.2	2.26	6710	49.8	0.05	8.6	27	640
E847421	7.67	15.1	0.18	2	0.22	3.87	41.5	17.7	2.72	7420	6.63	0.04	7.6	25.5	560
E847422	7.82	19.3	0.17	2.3	0.242	3.9	28.8	18.4	2.57	6530	4.47	0.04	8.9	24.7	590
E847423	7.43	16.45	0.19	2.2	0.153	5.41	51.6	15.5	2.09	4930	6.28	0.05	8.4	19.8	630
E847424	7.4	16.55	0.2	2.2	0.175	5.08	65.7	15	2.22	5420	15.8	0.05	8.5	21.4	620
E847425	7.25	22	0.2	2.5	0.316	4.11	68.8	24.8	1.78	3710	2.51	0.04	11.4	32	730
E847426	6.33	22.4	0.19	2.4	0.346	4.5	63.6	22.3	1.96	4400	2.78	0.04	12	30.4	720
E847427	6.57	20.8	0.18	2.4	0.343	4.05	57.3	24	2.23	4760	1.89	0.04	10.9	32	710
E847428	4.27	13	<0.05	0.8	0.183	1.46	18.8	12	0.81	1775	735	0.67	1.8	20.4	570
E847429	6.69	19.8	0.17	2.2	0.321	4.21	50.9	22	2.22	5810	9.51	0.04	9.3	28.4	660
E847430	6.96	20.5	0.18	2.3	0.306	3.99	52.5	20.8	2.22	4830	2.89	0.04	10.6	30	690
E847431	6.81	20.6	0.19	2.5	0.269	3.44	53.6	48.7	2.95	3210	5.1	0.04	9.9	31	700
E847432	6.23	22.6	0.18	2.5	0.323	4.02	68.5	38.2	2.48	2650	1.61	0.04	11.7	30.9	730
E847433	6.28	19.9	0.17	2.4	0.311	3.79	56	25.2	2.68	3680	1.32	0.04	10.8	29	690
E847434	6.3	20.4	0.17	2.5	0.303	3.73	59.7	31.8	2.79	3390	7.73	0.04	10.5	29.8	710
E847435	6.09	18	0.17	2.5	0.24	2.86	53.5	41.9	3.75	1950	26.8	0.03	9	30.4	640
E847436	6.11	18.75	0.17	2.6	0.255	3.15	62.3	36.5	3.29	2400	3.29	0.04	10.6	27.6	680

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07122855

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333400		4.4	20.8	0.027	1.86	3.65	7.3	3	9	67.9	0.41	1.02	12.4	0.089	3.42	44
E847401		2.6	49	0.011	0.3	2.49	9.4	1	21.3	105.5	0.36	0.12	9.7	0.105	0.59	10.7
E847402		2.7	54.4	0.016	0.43	2.72	9.2	2	19.1	57.2	0.29	0.31	12.9	0.088	0.68	44.4
E847403		2.4	110	0.009	0.15	1.84	9.8	1	24.7	43.1	0.25	0.15	10.1	0.071	1.48	15.5
E847404		2.9	93.1	0.018	0.75	2.41	10.8	2	11.1	48.1	0.28	0.42	13.3	0.102	2.1	24.5
E847405		2.8	54.4	0.012	0.67	3.11	9	2	17	329	0.29	0.38	10.1	0.075	1.2	17
E847406		2.3	111.5	0.008	0.17	1.23	9.1	1	11.9	80	0.19	0.24	12	0.096	1.94	13.8
E847407		1.8	90.2	0.009	0.61	1.49	5.5	3	9.5	1095	0.22	0.44	7.4	0.066	1.55	13.3
E847408		2.7	110.5	0.009	0.98	1.58	6.9	4	3.9	607	0.23	0.35	8.9	0.08	3.55	16.1
E847409		1.4	215	0.004	0.2	1.8	11.7	1	6.2	175	0.49	0.1	14.4	0.173	3.69	6
E847410		2	229	<0.002	0.1	1.33	12.1	<1	4.7	187.5	0.38	<0.05	13.4	0.161	3.34	5.1
E847411		1.6	201	0.003	0.23	1.29	10.4	<1	3.8	254	0.29	0.07	13.2	0.143	3.01	6.2
E847412		1.3	269	<0.002	0.05	1.57	12.9	<1	5	137	0.47	<0.05	15	0.205	4.01	6.1
E847413		2	229	0.002	0.06	1.73	11.6	<1	4.3	126.5	0.39	<0.05	14.2	0.175	3.45	8.4
E847414		2.1	231	0.002	0.17	1.97	11.8	<1	4	161.5	0.41	0.09	14.6	0.192	3.13	10.8
E847415		1.4	229	0.003	0.05	1.93	13.1	1	4.3	107.5	0.48	0.1	15.7	0.193	3.71	4.2
E847416		1.5	245	<0.002	0.19	1.56	12.1	1	4.3	102.5	0.48	0.07	15.2	0.224	3.53	5.3
E847417		1.5	230	0.002	0.23	1.55	11.7	1	4.2	100	0.5	0.09	14.8	0.222	3.37	5
E847418		1.9	216	0.003	0.19	1.59	11.5	1	3.8	85.3	0.61	0.05	13.7	0.227	3.08	5.8
E847419		2	237	0.002	0.06	1.54	11.7	<1	4	99.2	0.71	0.05	14.3	0.253	3.57	4.2
E847420		1.6	220	0.009	0.09	1.42	10.9	1	3.9	94.4	0.64	0.12	13.8	0.246	3.42	7.5
E847421		1.8	172	0.005	0.21	1.23	8.5	1	3.3	90.9	0.56	0.07	11.8	0.214	2.97	7.9
E847422		1.4	192	0.003	0.15	1.25	10.6	1	4.2	77.9	0.66	0.07	13.4	0.241	3.15	5.8
E847423		1.9	179.8	0.003	0.07	1.6	10.2	<1	3.4	65.2	0.68	0.05	13.3	0.247	4.3	6.2
E847424		2.4	177.8	0.005	0.04	1.51	10.5	1	3.2	74.2	0.67	0.05	13.9	0.24	4.58	8.8
E847425		3.3	237	<0.002	0.02	1.66	11.2	1	4.8	47	0.85	0.08	15.8	0.281	3.83	15
E847426		3.3	265	<0.002	0.03	1.54	12.5	<1	4.6	57.1	0.9	0.07	15.9	0.291	4.21	11.2
E847427		2.6	242	<0.002	0.02	1.56	12	<1	4	51.1	0.79	<0.05	14.9	0.271	3.57	10.1
E847428		70.7	37.1	0.067	0.74	88.8	6	3	5.6	287	0.1	3.53	1.5	0.123	0.25	2.6
E847429		2.4	237	0.002	0.04	1.51	11.8	1	3.7	68.5	0.71	0.07	14.3	0.261	3.78	11.4
E847430		2.2	227	<0.002	0.03	1.48	11.7	<1	4.2	53.8	0.8	0.07	14.7	0.271	3.72	10.7
E847431		1.9	192.5	0.003	0.01	1.89	11.6	<1	4.2	35.5	0.76	<0.05	15	0.26	3.07	10.4
E847432		3	251	<0.002	0.01	1.56	12.3	1	4.9	37.5	0.86	<0.05	16.4	0.289	4.15	17.7
E847433		3.3	223	<0.002	<0.01	1.26	11.7	<1	4.1	50.9	0.8	<0.05	14.6	0.273	3.79	16.5
E847434		2.2	225	0.003	0.01	1.5	12.2	1	4.3	43.5	0.79	0.13	15.4	0.263	3.8	17.2
E847435		1.8	171.5	0.007	0.01	1.45	10.6	1	3.8	26.1	0.69	0.24	14.4	0.231	3.17	7.3
E847436		1.5	188	0.003	0.01	1.44	10.8	1	4.3	32.2	0.79	<0.05	14.5	0.251	3.5	5.8

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CERTIFICATE OF ANALYSIS VA07122855

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
C333400		60	14.4	11.2	21	49.7
E847401		56	23.9	13.6	19	57.5
E847402		58	26.6	20.1	22	54.7
E847403		50	20.2	12.8	7	55
E847404		64	28.5	14	15	63.6
E847405		54	23.6	13.6	16	52
E847406		54	14.3	13.1	7	60.5
E847407		41	16.1	11.9	3	41.1
E847408		46	10.6	8.2	4	51.8
E847409		68	16.6	12.2	2	79.7
E847410		66	16.1	11.9	5	70.3
E847411		61	14.3	10.9	3	63.3
E847412		78	17	13.1	2	73.7
E847413		69	15.3	13	5	69.2
E847414		66	13.5	13.7	5	69.4
E847415		68	14.2	13.1	3	74.1
E847416		71	12.9	12.7	3	72.2
E847417		70	12.8	12.9	3	70.7
E847418		66	12.1	13.4	6	71
E847419		67	10.8	13.4	3	69.8
E847420		63	10.8	12.2	3	68.4
E847421		53	7.8	13.3	4	60.4
E847422		61	8.7	13.3	3	71.5
E847423		60	7.8	12.3	4	68.2
E847424		60	7.3	12.8	3	66.8
E847425		70	10.8	15.1	4	76.1
E847426		73	10.2	13.4	4	75.4
E847427		68	9	14.4	3	72.2
E847428		61	14.9	9.7	111	23.4
E847429		67	8.7	13.1	3	68.2
E847430		70	10.1	13.2	4	71.6
E847431		70	9.4	12.5	9	75.3
E847432		73	10.4	12.6	3	78.8
E847433		68	9	12.1	2	72.1
E847434		70	9.1	13.2	3	75.5
E847435		59	8	12.1	3	74.2
E847436		63	9.4	12.8	3	77.7

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07122855

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 8-NOV-2007
Account: EIAFRG

CERTIFICATE VA07123570

Project: Werneckes

P.O. No.: FRG07-01

This report is for 66 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07123570

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
B398674		2.14	0.010	0.08	7.04	6.6	1280	2.36	0.15	3.59	0.02	117.5	28.1	52	1.91	370
B398675		2.64	0.018	0.22	6.93	17	1420	2.63	0.23	3.94	<0.02	149	43.5	39	2.07	457
B398676		2.06	0.007	0.05	6.59	10.1	1330	2.25	0.12	2.62	<0.02	93.7	30.3	42	1.93	98.3
B398677		2.26	0.068	0.43	6.2	32.3	1850	1.58	3.41	3.38	0.02	380	51.5	34	1.8	541
B398678		1.34	0.012	0.16	6.63	20.3	1740	2.11	0.21	3.76	0.02	150	59.6	35	1.96	238
B398679		1.44	0.005	0.04	7.11	7.3	740	1.36	0.15	2.49	<0.02	81.8	18	46	3.2	7.4
B398680		2.56	<0.005	0.02	6.51	8.1	730	0.96	0.01	0.28	<0.02	164	9.8	50	2.51	13.3
B398681		1.94	0.007	0.09	6.93	5.7	530	1.81	0.03	3.39	<0.02	62.4	29	79	3.21	512
B398682		2.30	0.012	0.15	6.56	4.6	440	2.3	0.05	4.88	<0.02	47.8	44.5	67	4.09	1090
B398683		1.74	0.009	0.09	6.51	6.4	550	2.77	0.08	3.58	<0.02	62	71.7	66	4.65	571
B398684		2.30	0.013	0.12	6.77	7.6	610	2.83	0.12	3.83	<0.02	60.6	80.2	73	4.19	879
B398685		2.30	0.008	0.08	6.55	8.5	590	2.38	0.16	2.51	<0.02	51.5	80.1	75	3.04	408
B398686		1.74	0.014	0.09	6.4	3.8	420	2.71	0.13	2.71	<0.02	92.5	30.3	35	2.25	605
B398687		2.06	0.007	0.07	6.73	3.5	340	1.26	0.02	2.32	<0.02	46.1	21.6	40	1.06	210
B398688		1.22	0.055	0.21	5.81	6.4	470	0.71	0.24	3.56	<0.02	206	63.2	36	0.73	2370
B398689		2.22	0.012	0.09	6.73	6.8	590	0.69	0.17	3.36	<0.02	57.3	26.6	43	0.61	298
B398690		2.36	0.023	0.1	6.66	5.4	440	0.85	0.2	2.45	<0.02	146	18.6	48	0.83	761
B398691		3.12	0.007	0.06	7.05	5.2	380	0.97	0.06	2.18	<0.02	150	15.9	43	1.05	160
B398692		3.10	0.007	0.07	7.08	7.7	760	1.07	0.06	1.31	<0.02	78.8	20.5	49	1.17	85.1
B398693		2.86	<0.005	0.05	6.31	1.7	310	1.06	0.01	6.46	<0.02	80.7	6.4	29	0.5	9.3
B398694		0.10	0.901	36.4	4.2	1305	500	0.21	32.6	6.67	<0.02	24.9	41.5	257	1.16	4170
B398695		3.06	<0.005	0.08	7.11	1.7	170	1.42	0.03	6.78	0.02	9.53	7.2	33	0.43	9.6
B398696		2.74	0.006	0.05	6.94	7	410	0.86	0.1	1.71	<0.02	117.5	29.2	46	0.88	34.2
B398697		2.68	<0.005	0.05	7.21	5.7	620	1.14	0.07	2.07	<0.02	88.5	16.7	62	1.36	61.2
B398698		2.14	<0.005	0.04	7.06	5.6	2170	0.71	0.03	2.95	<0.02	79.6	5	43	0.88	81.9
B398699		2.68	<0.005	0.04	6.75	4.8	860	0.69	0.02	3.4	<0.02	91.1	4.2	39	0.65	25
B398700		2.76	<0.005	0.05	7.27	5.5	670	0.91	0.06	2.13	<0.02	86.5	8	41	0.89	7.1
C333001		2.92	0.010	0.07	6.9	7.2	430	0.91	0.12	3.71	<0.02	145	10	38	1.08	4.4
C333002		2.12	0.006	0.06	7.02	13.7	460	1.04	0.08	4.54	0.02	50.5	13.7	38	1.29	2
C333003		2.86	<0.005	0.04	6.83	7.3	790	0.81	0.06	3.54	<0.02	35.9	11	41	1.13	0.4
C333004		2.96	<0.005	0.17	7.05	9.1	510	0.97	0.08	3.48	<0.02	131	15.4	40	1.08	3.2
C333005		0.06	0.028	0.37	6.8	21	50	8.91	12.75	1.79	0.02	14.9	33.9	42	0.78	118
C333006		2.64	<0.005	0.07	7.41	4.4	790	0.86	0.08	2.52	<0.02	55.7	4.8	49	0.97	2
C333007		2.72	<0.005	0.05	6.77	4.9	300	0.77	0.04	5.48	<0.02	322	8.8	32	1.03	1.2
C333008		3.20	<0.005	0.03	7.2	3.7	660	0.84	0.03	3.58	<0.02	54.5	6.4	43	0.73	1.3
C333009		3.36	0.005	0.03	7.52	4.1	770	0.89	0.04	3.45	0.02	27	10.2	47	0.95	<0.2
C333010		1.82	<0.005	0.03	8.05	3.2	840	0.87	0.02	2.47	<0.02	6.16	9.5	42	1.3	<0.2
C333011		2.08	<0.005	0.04	7.46	3	710	0.71	0.04	3.93	<0.02	13.3	10.2	43	0.98	1.2
C333012		2.70	0.008	0.03	7.32	2	660	0.84	0.04	3.1	<0.02	26.8	6.6	42	0.81	1.6
C333013		2.72	<0.005	0.02	7.02	3.2	450	1.03	0.03	3.79	<0.02	329	6.3	44	0.84	1.1

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07123570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
B398674		6.96	19.15	0.19	2.1	0.144	4.1	71.1	21.5	2.41	3750	5.19	0.21	5.7	30.1	730
B398675		6.47	19.3	0.16	1.9	0.153	3.75	103.5	24.8	2.49	3200	4.8	0.11	5.4	24.9	670
B398676		6.33	18.05	0.17	1.9	0.111	3.97	60	28.6	2.09	2610	3.59	0.13	5.4	24.9	670
B398677		6.88	17.15	0.24	1.8	0.116	3.51	284	32.2	2.57	3200	18.3	0.36	5.2	20.9	790
B398678		7.1	18.35	0.2	1.9	0.133	3.54	87.2	28.4	2.88	2770	3.56	0.11	4.1	24.6	740
B398679		7.25	20.3	0.15	2.2	0.024	3.56	49.3	33.9	2.98	1520	2.46	0.05	4.9	45.9	680
B398680		7.97	15.45	0.18	2	0.014	4.3	96.8	29.6	1.65	187	0.59	0.05	3.8	26.2	610
B398681		8.92	18	0.15	2.5	0.093	3.79	33.4	31.1	2.91	769	0.96	1.13	8.5	39.7	660
B398682		9.35	15.85	0.18	2.5	0.151	3.85	22.6	44.9	3.54	972	1.1	0.78	10.2	39	530
B398683		9.38	20.7	0.15	2.4	0.106	2.69	31.3	50.1	3.41	1160	1.01	1.38	10.1	43.2	540
B398684		10.05	20.4	0.16	2.4	0.114	2.67	30.8	51.5	3.41	1120	1.26	1.5	11.2	43.6	580
B398685		10.2	24.1	0.16	2.4	0.084	1.66	26.6	44.2	3.23	1715	2.23	1.61	10.5	57.3	690
B398686		7.53	18.05	0.18	3.1	0.089	3.09	50.4	50.1	4.03	3060	7.01	0.15	13.3	41.2	1010
B398687		9.96	20	0.16	3.1	0.083	3.96	24.9	33.3	3.57	2710	3.35	0.13	10.9	49.5	940
B398688		8.62	18.3	0.24	2.8	0.091	3.25	114.5	25.5	3.52	3790	4.01	0.24	11.1	47	1380
B398689		7.84	16.45	0.16	2.6	0.068	4.05	31	19.9	2.61	3550	3.45	1.35	9.3	27.7	880
B398690		8.34	19.1	0.21	2.3	0.055	3.44	79.2	23.6	2.7	2740	6.06	1.15	7	37.9	810
B398691		8.73	21.6	0.2	2.6	0.052	3.12	81.9	27.1	2.89	2080	2.6	1.4	6.4	48	1000
B398692		8.13	20.8	0.16	2.1	0.028	4.26	43.7	31	2.21	1135	1.77	1.23	7.6	46.2	930
B398693		3.29	16.85	0.12	1.5	0.081	0.54	44.1	4.5	2.79	5390	1.2	4.03	4.6	6.8	610
B398694		4.31	13.3	0.35	0.8	0.197	1.37	18.4	13.5	0.82	1755	703	0.63	1.8	17.7	540
B398695		2.42	19.75	0.08	1.5	0.043	0.55	4.8	3.6	3.16	4560	2.82	4.55	3.4	9.1	660
B398696		7.99	20.6	0.18	2.1	0.04	3.2	62.7	29	2.47	1540	3.62	1.39	7.5	47.9	1020
B398697		7.88	20.5	0.17	2.2	0.106	3.67	46.7	24.4	2.21	2220	3.21	1.93	6.1	38.5	700
B398698		5.23	16	0.14	1.8	0.07	3.88	44.2	10.2	1.57	2630	0.89	2.5	5.2	11.2	660
B398699		5.28	14.4	0.18	1.7	0.091	3.88	49.2	7.3	1.57	2930	1.43	2.38	6	8.3	610
B398700		6.41	19.55	0.15	2.3	0.077	3.43	46.6	16.4	1.65	2100	0.97	2.29	8.4	32.5	1010
C333001		6.18	18.55	0.2	1.7	0.034	3.01	76.6	13.4	2.26	2580	34.1	2.43	5.4	24.9	760
C333002		5.99	17.9	0.12	1.8	0.035	3.49	26.6	12.6	2.61	3000	0.86	2.27	5.5	23	680
C333003		5.35	18.45	0.13	1.5	0.021	4.45	19.7	13	2.12	2390	0.96	1.64	4.6	22	570
C333004		5.96	17.9	0.18	1.4	0.025	3.11	64.8	12.4	2.09	2130	1.51	2.64	5.4	22.5	710
C333005		2.26	63.8	0.1	4	0.038	0.23	6.6	311	9	358	37.5	0.06	10.2	178	990
C333006		6.37	16.75	0.16	1.2	0.018	3.81	27.1	7.9	1.26	1470	0.89	2.76	3.2	9.7	690
C333007		5.51	15.95	0.3	1.2	0.042	2.71	157	7	2.96	2960	0.27	2.88	4	13.4	530
C333008		5.43	17	0.14	1.2	0.017	3.8	25.9	7.7	1.99	1750	0.61	2.63	3.7	16.4	650
C333009		4.99	19.75	0.12	1.3	0.021	4.67	12.5	10.9	2.05	2000	0.63	2.55	3.6	28.6	770
C333010		4.53	23.5	0.13	1.4	0.023	4.57	2.7	17.2	1.96	1555	0.16	2.46	4.6	44.2	740
C333011		5.23	18.45	0.13	1.2	0.026	4.07	6.3	11.9	2.35	2350	0.86	2.53	3.2	28.2	650
C333012		4.6	19.95	0.12	1.2	0.016	3.84	12.2	10.7	1.95	1680	0.17	2.99	3.4	29	650
C333013		5.39	19.3	0.3	1.4	0.022	2.41	154.5	8.4	2.09	1780	0.35	3.49	2.8	18.7	740

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
B398674	7.9	198.5	0.004	0.03	1.24	12.6	2	5.3	19.4	0.43	0.09	13.8	0.228	0.46	4.5
B398675	10.3	206	0.003	0.08	0.97	13.3	2	9.4	23.1	0.35	0.09	13.8	0.155	0.57	5.1
B398676	3.6	180	0.003	0.02	1.09	11.5	1	5.4	21.3	0.4	0.08	14	0.169	0.53	3.6
B398677	3.5	149	0.003	0.13	1.15	11.8	3	4.9	30	0.34	3.58	12.4	0.142	0.48	5.7
B398678	3.3	170.5	0.002	0.09	1.07	11.4	2	3.7	27.3	0.31	0.14	14.2	0.189	0.44	4.3
B398679	2.8	118.5	0.003	0.06	1.01	19	1	4	19.8	0.4	0.12	14.4	0.177	0.22	3.4
B398680	2.3	124	0.003	0.02	1.12	6.2	2	2.9	12.9	0.28	<0.05	14.5	0.188	0.25	3.8
B398681	1.9	144.5	0.003	0.06	1.59	30.8	2	2	36.7	0.61	0.09	8.2	0.684	0.44	2.1
B398682	1.8	159	0.003	0.16	1.55	38.1	3	1.7	33	0.67	0.14	5.1	0.775	0.56	2.7
B398683	3.4	135.5	0.002	0.21	1.88	37.7	2	1.6	35.3	0.71	0.09	5.9	0.75	0.43	2.4
B398684	3.7	130.5	0.003	0.3	2.05	38.2	3	1.7	39.8	0.74	0.15	5.8	0.772	0.43	2.6
B398685	11.3	76.3	0.003	0.28	3.63	38.1	3	1.9	28.8	0.71	0.14	5.7	0.801	0.23	2.3
B398686	2.6	84.9	0.005	0.07	1.95	40.2	3	3	10	0.7	0.16	5.5	0.862	0.21	5
B398687	8.3	83.8	0.003	0.02	1.41	36.1	2	2.4	8.9	0.63	0.17	4.9	0.822	0.25	3.8
B398688	3.5	60.3	0.003	0.39	0.96	27	4	2.3	14.4	0.64	0.15	9.4	0.59	0.17	5
B398689	3.2	80.8	0.004	0.09	1.05	21.8	2	2.7	14.5	0.71	0.14	15.9	0.326	0.18	4
B398690	4.1	73.8	0.006	0.09	1.18	24.7	3	2.3	11.3	0.54	0.16	11.7	0.382	0.16	4
B398691	3.4	58.9	0.004	0.03	0.98	24.2	2	2.3	16	0.48	0.08	12	0.414	0.15	3.9
B398692	3.3	79.3	0.003	0.05	1.06	13.2	1	2.5	14.5	0.6	0.08	13.5	0.291	0.19	3.8
B398693	1.9	16.6	0.002	0.02	0.67	17.4	1	1.2	56.1	0.35	<0.05	12.9	0.114	0.06	2.1
B398694	66.7	32.7	0.067	0.7	87.9	6.3	5	2.9	265	0.11	3.72	1.6	0.114	0.25	2.6
B398695	3	17.7	0.002	0.01	0.66	18.6	1	1	63.8	0.26	<0.05	12.4	0.086	0.06	1.2
B398696	3.8	66	0.003	0.13	1.06	19.2	2	1.7	10.5	0.58	0.12	12	0.379	0.16	3.4
B398697	3	73.9	0.004	0.06	1.22	20.2	2	2.1	18.9	0.5	0.06	11.3	0.405	0.17	2.4
B398698	3.2	85.8	0.003	0.05	1.2	12.5	2	2.2	62.2	0.43	<0.05	14.1	0.215	0.16	2.4
B398699	2.1	85.8	0.002	0.01	1.07	13	2	2.1	31.1	0.47	<0.05	14	0.213	0.15	2.7
B398700	2.4	71.3	0.003	0.01	1.01	12.6	2	3.1	21.4	0.61	0.05	16.4	0.299	0.13	7
C333001	2.3	67.1	0.046	0.04	0.82	13.5	3	2.5	26.1	0.44	0.08	14.1	0.23	0.13	3.6
C333002	3.8	83.7	0.003	0.11	0.9	15.8	2	2.3	26.9	0.47	0.05	13.5	0.231	0.15	3.1
C333003	9.3	108	0.002	0.05	0.9	15	1	2	27	0.42	<0.05	13.6	0.207	0.18	2
C333004	3.7	78.1	0.003	0.1	0.86	12.1	2	2.1	29	0.46	0.06	13.7	0.229	0.16	4.5
C333005	182.5	8.3	0.006	0.12	0.74	11.4	4	3.5	25.4	0.99	0.09	15.5	0.214	0.16	1810
C333006	3	99.1	0.002	0.02	0.79	9.3	2	2.4	30.9	0.34	<0.05	13.7	0.219	0.19	6
C333007	3	68.6	0.002	0.03	0.72	12.1	2	2.1	33.6	0.38	<0.05	14.7	0.184	0.16	4.3
C333008	2.8	99.1	0.002	0.02	0.76	10.1	2	2	34.1	0.38	<0.05	13.4	0.181	0.14	2.4
C333009	2.8	111	0.002	0.04	0.86	13	2	2	32.5	0.38	<0.05	14.4	0.192	0.2	2.5
C333010	1.8	120.5	0.002	0.02	0.92	12.1	2	2	28.6	0.42	<0.05	15.4	0.176	0.2	4.2
C333011	2.4	99.3	0.002	0.03	0.79	14.3	2	1.8	32	0.33	<0.05	14.7	0.183	0.16	3.4
C333012	2.1	87.4	0.002	<0.01	0.73	12	1	1.8	35	0.39	<0.05	12.7	0.186	0.14	2.8
C333013	3.6	57.9	0.002	0.01	0.72	13.1	2	2.1	39.2	0.32	<0.05	15.6	0.194	0.09	2.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 8-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07123570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
B398674		83	6.1	13.3	14	64.2	
B398675		64	9.9	13.9	11	60.1	
B398676		67	8.1	11.9	10	62.6	
B398677		61	7.1	14.6	12	57	
B398678		68	7	12.9	12	61.4	
B398679		84	3.2	9.9	29	70.9	
B398680		61	2.7	9.1	33	60.5	
B398681		270	2.1	25.4	28	76.8	
B398682		313	1.4	32.2	30	82.4	
B398683		313	1.1	29.8	35	82.7	
B398684		340	1.1	30.8	33	79.3	
B398685		355	1.7	23	39	80.4	
B398686		280	2.8	23	29	112.5	
B398687		354	5	13.3	33	106	
B398688		257	5.7	18.6	28	99.8	
B398689		126	4.3	12.2	21	91.1	
B398690		186	3.5	13.4	21	77.7	
B398691		227	2.9	14.6	22	91.5	
B398692		135	3.4	9.9	22	69.5	
B398693		77	2.1	11.7	3	49.8	
B398694		61	14.1	9.8	114	21.5	
B398695		54	3.7	8	3	52.1	
B398696		173	3.6	10.8	18	69.9	
B398697		183	2.7	12.4	16	70.6	
B398698		81	2.3	12	8	58.7	
B398699		66	2.4	13	6	59	
B398700		94	4.2	16.4	11	77.3	
C333001		102	2.5	13.6	9	57	
C333002		104	3	10.3	10	55.1	
C333003		107	2.8	7.9	12	50.3	
C333004		95	2.7	11.5	10	49.1	
C333005		256	2.6	33.4	43	136.5	0.20
C333006		104	2	8.2	5	40.4	
C333007		85	2	17.6	7	40.3	
C333008		92	1.9	9	7	40.5	
C333009		96	2.2	7.5	9	42.6	
C333010		80	2.2	6.3	12	46	
C333011		96	1.9	7.2	9	39.1	
C333012		94	1.8	6.5	9	41.5	
C333013		113	2.1	14.5	6	44.1	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07123570

Method / Analyte / Units / LOR — Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333014	3.06	<0.005	0.03	7	3.6	110	1.25	0.06	3.94	<0.02	10.5	5.4	37	0.88	1.5
C333015	1.34	0.006	0.04	7.42	13.9	360	1.11	0.12	3.86	<0.02	122	10.2	35	1.71	4.5
C333016	1.54	0.005	0.04	7.03	10.7	260	1.18	0.09	4.85	<0.02	63.2	9.9	35	1.46	2.6
C333017	2.12	0.005	0.05	7.25	10.8	610	1.01	0.09	4.64	<0.02	153.5	12.7	37	1.81	3
C333018	2.86	0.006	0.04	8.53	3.6	790	1.26	0.04	1.66	<0.02	9.61	6.6	55	1.64	<0.2
C333019	2.58	<0.005	0.03	7.96	3.6	430	1.19	0.04	2.46	<0.02	93.2	5.5	54	0.89	1.7
C333020	2.90	<0.005	0.03	8.28	3.3	600	0.87	0.04	2.17	<0.02	59	3.9	46	0.93	1.4
C333021	2.46	<0.005	0.02	8.2	3	410	1.09	0.03	2.35	<0.02	34.5	5.6	41	0.77	1.3
C333022	2.02	<0.005	0.02	8.52	2.9	560	1.28	0.02	1.29	<0.02	29.5	10.2	57	1.26	0.3
C333023	2.70	<0.005	0.02	7.18	3.4	480	1.13	0.03	3.61	<0.02	>500	5.5	40	0.74	1
C333024	2.88	0.005	0.1	7.4	7.8	310	1.02	0.06	3.06	<0.02	102	11.5	35	1.24	2.8
C333025	2.40	0.008	0.1	7.34	4.8	350	1.27	0.04	3.16	<0.02	165.5	10.9	36	1.44	3.6
C333026	3.22	<0.005	0.07	5.93	4.2	130	1.06	0.03	6.72	<0.02	217	10.6	31	0.84	6.5
C333027	0.06	0.013	0.02	0.06	0.4	10	<0.05	<0.01	0.02	0.02	3.14	0.1	<1	<0.05	1.1
C333028	3.02	0.022	0.11	6.89	9	190	1.64	0.16	3.66	<0.02	142	25.1	39	1.33	15
C333029	0.96	<0.005	0.04	7.05	8.2	660	0.69	0.08	4.16	<0.02	15.7	11.2	38	1.62	4.2
C333030	1.98	0.009	0.04	7.04	12	680	1.2	0.17	3.38	<0.02	56.2	18.6	44	2	17.1
C333031	1.94	<0.005	0.03	7.59	3.8	430	1.16	0.03	3.79	<0.02	7.47	9.4	36	1.44	3.2
C333032	2.14	<0.005	0.03	7.79	3.8	400	1.46	0.04	3.3	<0.02	30.2	11.4	43	1.86	9.6
C333033	2.50	0.054	0.06	7.85	4.9	760	1.51	0.2	3.36	<0.02	97.6	13.9	46	1.18	21.2
C333034	3.26	0.012	0.06	7.81	4.3	700	1.72	0.11	2.71	<0.02	83.7	12.7	53	1.58	29.4
C333035	2.56	0.016	0.06	7.11	4.6	1090	1.41	0.26	4	<0.02	58	13	45	1.28	16.5
C333036	1.82	<0.005	0.05	6.62	5.1	630	1.07	0.11	4.69	<0.02	60.8	12.8	39	1.03	14.7
C333037	1.48	0.010	0.12	10.2	7.7	580	3.93	0.68	0.74	<0.02	86.1	11.6	62	3.83	38.9
C333038	1.38	0.011	0.09	9.89	6.7	520	3.86	0.66	0.75	<0.02	103.5	10.8	58	3.54	52.9
C333039	3.00	0.006	0.07	7.43	6.4	780	1.5	0.22	3.04	<0.02	92.9	17.4	51	1.32	20.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07123570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333014		5.34	18.3	0.09	1.4	0.043	0.74	4.5	4.6	1.87	2310	0.69	4.82	3.9	9.9	650
C333015		4.24	17.5	0.18	1.6	0.042	2.09	60.2	11.2	2.15	2740	1.78	3.49	7	17.8	770
C333016		4.7	17	0.13	1.7	0.049	1.81	30.9	11.7	2.62	3460	1.2	3.3	5.2	18.5	710
C333017		4.17	17.85	0.18	1.5	0.035	2.89	77.4	17.9	2.92	2570	0.64	2.62	4.9	27	720
C333018		4.89	21.9	0.11	1.9	0.014	3.68	4.2	14.8	1.38	872	0.2	3.5	6.1	24.7	670
C333019		3.85	21.7	0.15	1.3	0.011	2.4	43.3	9.1	1.41	1285	0.17	4.51	5.2	16.2	720
C333020		2.3	20.2	0.12	1.3	0.011	3.27	28.3	7.2	1.11	1115	0.17	4.05	6.9	14.1	780
C333021		2.3	22.8	0.14	1.3	0.01	2.26	15.6	9.3	1.42	1305	0.21	4.52	7.2	25.5	710
C333022		3.91	30.4	0.11	1.7	0.018	4.56	12.8	20.1	1.84	786	0.17	3.02	5.8	119	720
C333023		3.34	21.8	0.63	1.1	0.017	2.57	375	5.8	1.77	1930	0.2	3.64	4.1	17.2	790
C333024		4.6	21.2	0.16	1.4	0.016	2.11	50.6	16.4	2.19	1770	0.81	3.32	4.9	40.4	690
C333025		4.85	20	0.21	1.4	0.029	3.26	80.4	24.8	2.4	2080	0.55	2.5	3.7	48.1	590
C333026		4.51	17	0.2	1.2	0.071	1.02	110.5	14.7	3.73	4390	0.51	3.04	2.9	39.4	580
C333027		0.03	0.2	0.05	0.8	<0.005	0.01	1.7	2	0.01	9	0.06	0.01	0.2	0.5	10
C333028		7.63	24.1	0.22	1.7	0.051	1.72	73.1	34.3	3.47	2220	251	2.16	2.9	82.2	790
C333029		5.26	13.45	0.14	1.5	0.054	6.81	7.4	7.8	2.21	2610	2.7	0.78	6.4	13.6	660
C333030		5.5	17.7	0.15	1.6	0.05	3.63	27.2	18.9	2.31	1985	2.4	1.7	5	31.8	740
C333031		3.71	18.7	0.1	1.5	0.035	3.7	3.3	15.4	2.3	2380	0.67	2.85	4.9	28.4	710
C333032		4.08	21.4	0.13	1.8	0.04	3.6	13.8	19.9	2.27	2500	0.78	3.09	6.1	40.6	630
C333033		4.43	19.7	0.2	1.8	0.045	3.88	48.4	19.3	2.12	2430	3.37	2.11	5.5	30.1	600
C333034		4.92	21.4	0.18	1.9	0.041	4.02	41.5	19.8	1.94	1945	2.54	1.75	4.2	33.7	580
C333035		4.57	17.45	0.15	1.7	0.049	4.08	28.9	22.7	2.48	2930	4.27	1.49	4.4	26.9	540
C333036		4.76	14.45	0.15	1.6	0.048	3.85	30.4	16.1	2.55	3250	1.39	1.61	5.1	19.7	600
C333037		1.88	32.4	0.16	3.4	0.063	4.9	40.4	15.3	0.99	530	9.33	1.04	7.4	24.9	360
C333038		1.83	31.1	0.15	3.3	0.061	4.51	47.9	14.4	0.95	555	7.99	1.1	7.1	23.2	350
C333039		4.51	19.3	0.17	1.9	0.046	4.22	45.7	20.7	1.94	2340	4.11	1.53	5.5	32.5	600

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07123570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333014		2	16.4	0.002	0.01	0.74	9.9	1	2	39.9	0.42	0.05	10.7	0.19	0.07	1.9
C333015		2.3	50.5	0.003	0.1	0.74	13.1	2	1.7	35	0.54	0.07	14.7	0.192	0.11	7.6
C333016		1.9	45.3	0.003	0.07	0.72	15	2	1.7	34.7	0.43	0.06	15.1	0.199	0.1	6.3
C333017		1.9	72	0.002	0.08	0.8	14.8	2	1.6	37.4	0.43	<0.05	15.2	0.149	0.15	4.8
C333018		2	93.3	0.002	0.01	0.94	7.9	1	2.1	39.7	0.57	<0.05	17.7	0.21	0.19	3.9
C333019		1.7	52.5	<0.002	0.01	0.72	9.7	1	1.7	43.5	0.44	<0.05	11.9	0.176	0.12	3.6
C333020		2.3	83.9	0.002	0.01	0.79	8.8	2	1.5	37.2	0.65	<0.05	11	0.163	0.16	2.5
C333021		1.3	58.1	0.002	0.01	0.75	10.8	2	1.4	41.9	0.61	<0.05	15	0.15	0.12	1.4
C333022		1.7	85.7	0.002	<0.01	0.92	15.9	1	2.4	29.2	0.58	<0.05	16.4	0.2	0.23	1.8
C333023		2.3	62.8	0.002	0.01	0.74	15.2	2	1.7	41.4	0.44	<0.05	15.2	0.145	0.14	1.2
C333024		2.5	46.5	0.002	0.03	0.68	14.9	2	1.6	33.4	0.41	0.06	14.2	0.167	0.13	2.5
C333025		3.9	70.7	0.002	0.02	0.95	21	2	1.6	28.4	0.31	0.08	9.9	0.219	0.22	2.3
C333026		2.5	25.3	0.002	0.02	0.57	24.3	2	1.1	40.1	0.24	0.05	7.9	0.14	0.09	1.9
C333027		1.1	0.3	<0.002	0.01	<0.05	0.2	2	0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02	0.3
C333028		2.3	43.4	0.242	0.07	0.91	27	10	1.7	27.4	0.24	0.29	9.3	0.239	0.14	3.9
C333029		1.7	191.5	0.002	0.05	1.35	16.6	2	2.5	18.2	0.58	<0.05	14.2	0.195	0.33	4
C333030		2.2	103	0.01	0.09	1.03	13	2	2.5	26.1	0.45	0.09	12.8	0.178	0.23	4.6
C333031		1.9	73	0.002	0.01	1	12.8	1	1.4	34.9	0.43	<0.05	13.2	0.164	0.19	2.8
C333032		1.7	69.6	0.002	0.01	1.12	14.1	1	1.5	31.4	0.57	<0.05	14.2	0.188	0.2	2.7
C333033		2.3	112.5	0.004	0.04	1.17	13.8	2	2.6	29	0.48	0.09	14.8	0.18	0.21	9.7
C333034		2.5	123	0.003	0.03	1.01	15.3	1	2.4	23	0.37	0.09	14.3	0.188	0.23	7.8
C333035		3.1	119	0.004	0.04	1.14	12.3	2	2.3	31.6	0.39	0.13	13	0.166	0.21	5.3
C333036		2	109.5	0.003	0.04	1.07	13.1	2	2.2	24.9	0.48	0.08	13.3	0.178	0.2	3.4
C333037		7.4	218	0.007	0.31	2.2	19.8	2	3.1	16.4	0.57	0.06	17.9	0.214	0.49	5.7
C333038		7.1	206	0.007	0.29	2.28	19.3	2	2.9	15.5	0.54	0.07	17.8	0.203	0.48	6
C333039		2.3	123	0.004	0.12	1.54	13	2	2.4	24.2	0.46	0.07	14.2	0.188	0.22	5.4

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CERTIFICATE OF ANALYSIS VA07123570

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C333014		127	1.9	7.1	3	45.3	
C333015		79	3.6	11.3	6	50.2	
C333016		98	3.3	11.1	7	55	
C333017		76	2.8	12	10	50.2	
C333018		123	3	7.7	9	61.1	
C333019		97	2.2	11.4	7	42	
C333020		59	2.4	9.6	5	41.4	
C333021		56	2.4	8.6	6	44.4	
C333022		89	3.2	8.5	17	58.7	
C333023		76	2.1	32.7	4	34.9	
C333024		101	2.6	9.1	11	44.2	
C333025		154	2.3	11	16	44.1	
C333026		100	2.1	16.5	11	36.9	
C333027		<1	<0.1	1.9	4	25.4	
C333028		201	3.2	12.4	19	55.4	
C333029		81	3.3	9.3	5	49.6	
C333030		82	2.9	10.7	10	53.1	
C333031		69	2.5	7.5	8	48.3	
C333032		85	2.9	9.3	10	57.7	
C333033		88	3	13.7	10	61.5	
C333034		108	2.3	12.9	9	61.2	
C333035		78	2.6	13.1	20	53.3	
C333036		73	2.6	12.3	12	49.2	
C333037		112	2.7	13.9	7	115.5	
C333038		105	2.4	14.2	5	111	
C333039		87	2.6	13.1	11	62.4	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

CERTIFICATE VA07124176

Project: Werneckes

P.O. No.: FRG07-01

This report is for 100 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07124176

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E843237	5.48	0.025	0.11	7.05	3.6	2300	1.41	0.11	1.7	0.02	60.2	65.6	43	3.08	7.3
E843238	5.68	0.012	0.18	7.3	6.8	2220	1.38	0.27	1.72	<0.02	142	56.4	49	2.97	57.3
E843239	3.02	0.006	0.08	7.32	7.9	2170	2.87	0.09	1.68	<0.02	117.5	59.8	45	4.35	61.9
E843240	2.88	0.007	0.12	6.74	8.4	2460	2.63	0.1	1.29	<0.02	122.5	54.4	43	3.95	66.6
E843241	5.34	0.026	0.19	6.92	4.4	1340	1.66	0.59	2.78	<0.02	82.8	38.3	39	2.66	40.3
E843242	5.74	0.033	0.19	6.2	7.2	2610	1.77	1.26	3.02	<0.02	117.5	26.2	36	1.58	273
E843243	4.98	0.018	0.14	7.07	4.1	780	3.46	0.53	2	0.02	108	60.5	44	7.07	280
E843244	0.08	<0.005	0.02	0.08	<0.2	20	<0.05	0.09	0.03	0.02	2.96	0.3	5	<0.05	9.9
E843245	5.64	0.011	0.15	6.99	4.9	1110	2.46	0.71	2.69	0.02	119.5	33.6	40	3.72	132.5
E843246	5.28	0.013	0.1	6.38	5.1	1340	2.59	0.4	2.75	0.03	89.8	32.2	32	3.52	16.4
E843247	5.32	0.009	0.03	7.33	4	1780	2.03	0.11	2.83	<0.02	84.3	31.7	37	3.21	5.2
E843248	5.54	0.014	0.24	7.67	4.8	4830	2.57	1.39	2.36	<0.02	94.5	23	40	3.01	3
E843249	5.66	0.008	0.06	7.58	5.7	2320	2.11	0.32	3.41	<0.02	123	38.2	39	3.38	4.8
E843250	5.22	0.010	0.06	6.73	5.5	1010	2.3	0.3	2.87	<0.02	67.3	40.4	36	3.71	2.3
E843251	3.44	0.073	0.35	7.24	6	2210	1.66	2.45	2.39	<0.02	148.5	33.2	37	2.8	2.6
E843252	5.40	0.021	0.09	8.21	4.3	4810	2.31	0.47	2.79	<0.02	104.5	26.2	45	2.69	10.8
E843253	5.50	0.008	0.05	6.99	4.2	1750	2.08	0.15	3.23	0.14	128	28.4	36	2.56	60.4
E843254	5.54	0.006	0.03	9.26	4.3	5780	2.17	0.08	1.35	0.08	117	20.7	56	2.33	57.5
E843255	0.08	0.005	0.05	0.07	0.3	20	<0.05	0.01	0.02	<0.02	2.51	0.2	<1	<0.05	1.6
E843256	5.56	0.007	0.21	8.16	5.2	1000	2.54	0.09	1.4	<0.02	130	54	53	4.81	97.6
E843257	5.22	0.027	0.14	7.1	4.3	900	2.19	0.78	1.63	<0.02	121.5	50.1	41	4.6	1.9
E843258	5.26	<0.005	0.02	7.54	5.4	1400	2.63	0.14	2.91	0.02	109	21.4	42	4.71	1.1
E843259	5.60	0.012	0.05	7.82	5.5	1790	2.31	0.2	2.12	<0.02	120	18.1	47	3.91	5.9
E843260	5.42	0.008	0.09	7.73	5	1290	2.11	0.08	2.35	<0.02	179	22	52	4.22	2.3
E843261	6.36	<0.005	0.03	6.68	5.4	2020	1.47	0.18	3.36	0.02	208	18.9	38	2.09	23.5
E843262	4.30	0.005	0.08	6.52	7.6	550	2.15	0.62	2.13	<0.02	143	37.5	36	3.97	3.8
E843263	5.20	0.011	0.06	6.82	6.5	1510	2.55	0.57	2.18	<0.02	137.5	48.7	40	3.75	2.1
E843264	5.44	0.010	0.08	6.75	6	1620	2.19	0.26	1.4	0.07	102	65.9	42	3.18	1870
E843265	4.84	0.022	0.16	6.75	7.3	930	1.72	0.48	2.31	<0.02	94.3	60.7	40	3.63	1060
E843266	5.32	0.022	0.31	6.47	8	800	2.74	0.6	2.31	0.05	176.5	42.8	37	3.49	257
E843267	4.62	0.026	0.07	6.91	7.7	690	2.5	0.53	2.26	0.34	167.5	55.5	41	4	2740
E843268	0.08	0.840	36.1	4.19	1280	480	0.68	35.1	6.59	0.4	27.6	43.5	257	1.23	4220
E843269	5.98	0.011	0.06	7.38	5	1170	2.68	0.24	3.03	0.02	77.1	42.9	43	5.3	13.2
E843270	4.80	0.016	0.2	6.93	4.8	1910	2.12	0.5	3.45	<0.02	87.6	33.5	39	3.19	31.2
E843271	4.54	0.018	0.1	6.57	5.7	1840	1.58	0.56	3.18	<0.02	86.6	25.4	37	2.43	34.4
E843272	0.08	0.010	0.05	0.08	0.4	20	<0.05	0.02	0.07	<0.02	3.63	0.2	2	<0.05	2
E843273	5.06	0.030	0.21	7.2	5.9	2540	0.33	0.7	3.19	0.02	150	16.7	45	0.61	631
E843274	4.18	0.035	0.22	6.9	5.5	5570	0.36	1.02	3.12	0.03	154.5	18	44	0.66	856
E843275	4.64	0.023	0.24	6.06	6.1	1950	1.11	1.15	4.06	0.21	91.1	15	32	1.19	447
E843276	5.14	0.121	0.4	7.01	5.2	3420	1.26	1.35	2.36	0.08	131.5	36.9	42	1.78	848

***** See Appendix Page for comments regarding this certificate *****

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VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843237		7.59	20.3	0.15	2.5	0.048	5.83	35.1	36.4	2.93	734	2.45	0.05	6.6	38.9	740
E843238		7.18	18.65	0.21	2.5	0.042	7.13	82.3	32	2.89	714	5.61	0.06	5.7	33.6	730
E843239		8.53	19.65	0.18	2.5	0.046	5.33	69.1	39.3	3.53	684	2.57	0.04	7	34.4	780
E843240		9.43	17.4	0.2	2.3	0.041	5.2	73.3	34.3	2.97	525	3.1	0.04	6.9	30.6	730
E843241		6.28	18.4	0.16	2.3	0.055	5.96	50.9	26.4	2.76	1275	4.69	0.04	5.6	25.2	830
E843242		7.68	14.4	0.19	2	0.052	6.24	81.5	17.5	2.3	1445	10.2	0.05	5.4	18.7	830
E843243		6.36	21.9	0.2	2.5	0.068	5.6	66.7	45.9	3.77	989	5.58	0.03	5.3	42.5	830
E843244		0.06	0.21	<0.05	0.8	<0.005	0.02	1.8	2.2	0.03	13	0.15	<0.01	0.2	0.7	20
E843245		6.16	19.35	0.19	2.7	0.07	6.12	73.8	30.2	2.54	1245	7.67	0.04	6.3	25.9	790
E843246		6.48	19.45	0.19	2.2	0.101	5.11	57.1	39.9	2.72	1430	6.78	0.04	5.1	28.1	750
E843247		5.97	22	0.21	2.4	0.066	4.55	50.7	37.5	2.77	1340	1.38	0.05	4.1	31.7	810
E843248		6.53	24.4	0.21	2.5	0.06	4.84	58.6	37.5	2.26	1030	3.64	0.05	4.8	25.7	860
E843249		6.96	23.2	0.27	2.4	0.055	5.48	75.5	39.8	3.48	1410	2.31	0.05	4.9	36.7	800
E843250		6.36	23	0.18	2.2	0.047	4.86	40.6	43.3	3.35	1220	1.91	0.04	5	39.6	770
E843251		7.12	19.65	0.28	2.4	0.048	6.22	92.7	31.3	2.47	1620	7.11	0.05	5.2	29.9	1020
E843252		5.15	23.8	0.22	3	0.075	6.29	61.6	30.1	2.3	1360	7.62	0.05	4.6	25.2	810
E843253		5.26	22	0.24	2.5	0.071	5.24	75	27.4	2.51	1380	8.32	0.05	3.8	26.7	650
E843254		4.69	22	0.24	2.9	0.057	6.16	67	25.7	1.36	631	1.62	0.07	3.8	19	820
E843255		0.03	0.22	<0.05	0.8	<0.005	0.02	1.5	2	0.01	9	0.09	<0.01	0.2	<0.2	<10
E843256		5.59	25.1	0.17	3.1	0.052	5.47	79.3	48.3	2.52	527	1.88	0.05	6	40	750
E843257		6.37	21.7	0.14	2.6	0.048	5.38	71.6	48	2.77	633	6.2	0.04	6	33.7	790
E843258		5.61	22.7	0.16	2.2	0.075	5.84	63.6	65.1	2.79	1035	1.77	0.05	3.5	36.9	770
E843259		5.32	28.7	0.16	2.2	0.105	5.32	70.1	48.8	1.88	788	2.49	0.06	3.5	26.9	760
E843260		6.57	22.7	0.17	2.4	0.083	5.85	101.5	46.1	2.14	822	2.33	0.05	3.7	37.8	790
E843261		5.74	17.4	0.18	2.2	0.064	4.68	114.3	22.1	2.15	1280	3.78	0.05	3.5	20.3	740
E843262		6.68	18.5	0.17	2.2	0.043	4.81	88.8	40.6	2.78	747	1.49	0.05	4.5	27.2	760
E843263		7.27	19.3	0.18	2.2	0.051	5.19	84.1	41.1	2.8	850	7.62	0.05	5.4	29.3	770
E843264		7.9	18.85	0.21	2	0.082	5.36	61.4	41.2	2.79	662	5.97	0.05	3.8	28.7	610
E843265		8.26	16.7	0.19	2.1	0.062	5.06	57.6	35.2	2.79	856	7.31	0.05	4.7	33.9	670
E843266		7.29	19.1	0.2	2.1	0.09	5.16	121	36.4	2.34	901	7.04	0.04	5.9	26.5	840
E843267		6.85	22.1	0.17	2.1	0.123	5.33	109	43.2	2.75	1060	6.08	0.04	4.7	38.7	730
E843268		4.25	12.8	0.46	0.6	0.24	1.39	20.4	15	0.78	1665	686	0.66	1.7	19.6	540
E843269		6.74	23.5	0.17	2.2	0.095	5.27	47.1	52.5	3.39	1365	5.14	0.05	5	38	730
E843270		5.79	20.4	0.15	2	0.087	5.38	53	36.1	2.9	1480	5.97	0.05	4	28.9	680
E843271		6.22	17.2	0.14	2.3	0.086	5.05	54	25.8	2.38	1750	4.04	0.05	3.6	19.8	730
E843272		0.06	0.19	<0.05	0.7	0.005	0.02	2.1	2.3	0.03	48	0.14	0.01	0.2	1	20
E843273		6.08	11.65	0.09	2.3	0.062	6.96	97.7	8.4	1.81	1765	13.45	0.06	3	12.2	940
E843274		7.27	11.85	0.1	2.2	0.055	6.74	101	9.5	1.83	1695	15.55	0.06	3.5	12	950
E843275		6.66	12.15	0.06	1.8	0.069	5.77	56.1	12.8	2.3	1920	25.4	0.05	4.8	9.3	710
E843276		9.49	18.55	0.08	2.1	0.062	6.44	85.7	27.3	2.38	1160	20.2	0.05	6.4	28.9	1060

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CERTIFICATE OF ANALYSIS VA07124176

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E843237	2.8	183	<0.002	0.02	2.14	11.1	1	3.8	21.2	0.53	0.08	16.2	0.195	0.32	5.7
E843238	3.5	174.5	0.002	0.03	2.33	10.6	1	3.9	27.6	0.47	0.1	16.6	0.185	0.35	5.5
E843239	3.1	161.5	<0.002	0.04	2.84	10.9	1	5	28.2	0.55	<0.05	14.7	0.201	0.4	5.4
E843240	3	159	<0.002	0.05	2.87	8.5	1	4.7	37.4	0.54	0.22	14.4	0.186	0.36	5.4
E843241	2.9	172.5	0.003	0.03	1.93	12.6	1	4.7	21.9	0.42	0.17	14.5	0.172	0.36	6.8
E843242	3.8	144.5	0.006	0.17	2.01	13.2	2	4.9	47.1	0.37	0.15	13.6	0.159	0.45	9
E843243	2.9	234	0.004	0.03	3.13	20	2	3.9	17.6	0.41	0.15	12.6	0.29	0.5	6.9
E843244	1.2	1	<0.002	0.01	<0.05	0.3	1	<0.2	3.4	<0.05	<0.05	0.4	0.007	<0.02	0.2
E843245	4.2	216	0.006	0.21	3.18	14.8	2	4.2	23.1	0.49	0.11	15.6	0.221	0.67	8.8
E843246	6.4	204	<0.002	0.04	2.65	13.4	2	3.7	30.7	0.39	0.09	14	0.184	0.36	6.8
E843247	3.2	161	<0.002	0.03	2.15	14.8	2	3.5	31.8	0.34	<0.05	15.4	0.166	0.36	7
E843248	3.7	171.5	<0.002	0.1	2.31	16.7	3	4.3	67.7	0.38	0.13	16.2	0.168	0.38	6.9
E843249	3	177.5	0.002	0.05	2.18	16.5	2	3.7	40.7	0.4	0.08	16.4	0.187	0.36	11.2
E843250	3.1	187	<0.002	0.02	2.17	15.1	2	3.4	23.1	0.4	0.05	14.1	0.19	0.35	6.3
E843251	9.2	178	<0.002	0.04	2.03	14	2	4.3	32.9	0.38	0.3	15	0.181	0.32	8.8
E843252	14.9	187	<0.002	0.1	1.86	17.3	2	3.8	66.8	0.35	0.09	15.3	0.174	0.37	7.9
E843253	22.3	183	<0.002	0.03	1.71	17.5	2	3.2	32.5	0.29	<0.05	14.6	0.159	0.33	6.6
E843254	12.9	175.5	<0.002	0.12	1.84	14.9	2	3.6	71.9	0.27	<0.05	17.8	0.164	0.4	5.7
E843255	2	0.7	<0.002	0.01	<0.05	0.4	2	<0.2	2	<0.05	<0.05	0.3	0.006	<0.02	0.3
E843256	4.1	184.5	0.002	0.01	2.33	14.5	2	3.5	16	0.47	0.15	15	0.206	0.41	13.7
E843257	3.1	195	0.004	0.01	2.13	13.7	2	3.5	18.2	0.47	0.12	14.2	0.179	0.35	12.6
E843258	3.1	250	<0.002	0.03	2.54	13.1	1	2.3	37.4	0.3	<0.05	13.8	0.164	0.42	5.9
E843259	3.6	192.5	0.002	0.06	2.05	15.6	2	2.9	29.3	0.27	0.06	13.8	0.144	0.44	9.9
E843260	3	205	<0.002	0.01	2.14	13.4	2	2.3	23.7	0.31	0.11	15.9	0.172	0.41	8.2
E843261	4.3	134.5	<0.002	0.07	2.12	12.3	1	2.4	47.1	0.28	<0.05	14.4	0.143	0.33	7.7
E843262	3.2	167.5	0.002	0.01	1.83	13.2	2	2.8	20.3	0.38	0.06	14.6	0.165	0.31	13.9
E843263	3.5	178	0.003	0.02	1.83	12.7	2	3.3	27.8	0.41	0.17	14.3	0.16	0.32	11.8
E843264	10.8	181.5	<0.002	0.13	2.09	13.2	3	2.2	28.4	0.31	0.06	12.7	0.135	0.3	7.1
E843265	4.1	149.5	<0.002	0.04	2.01	11.4	2	3.9	18.5	0.35	0.19	12.7	0.158	0.36	9.3
E843266	9.7	181	<0.002	0.01	2.19	13.4	2	5.9	18.9	0.41	0.2	13.7	0.168	0.36	8.5
E843267	14.2	205	<0.002	0.16	2.64	13.3	4	4.2	17.8	0.35	0.13	14.7	0.156	0.42	8.3
E843268	73.1	32.2	0.083	0.71	84.1	7.3	4	12.1	267	0.1	3.94	1.5	0.111	0.25	3
E843269	3.9	215	<0.002	0.02	2.07	13.4	1	3.9	21.5	0.41	0.08	13.3	0.189	0.41	7.8
E843270	7.6	174	0.002	0.06	1.88	13.9	1	4.1	31.2	0.31	0.08	12.7	0.15	0.37	8.5
E843271	4.6	135.5	<0.002	0.03	1.61	13.7	2	3.9	42.2	0.28	0.13	14.3	0.151	0.31	7.2
E843272	2.3	0.6	<0.002	0.01	0.07	0.3	1	0.6	2.3	<0.05	<0.05	0.4	0.006	<0.02	0.4
E843273	5.4	77.9	0.006	0.12	1.33	10.9	2	2.2	46.1	0.23	0.25	13.5	0.13	0.29	7.5
E843274	6.1	71.7	0.009	0.2	1.39	12.1	3	2.8	90	0.25	0.25	13.2	0.139	0.31	14.6
E843275	65.5	77	0.005	0.09	1.72	11.6	1	3.2	32.8	0.32	0.19	12.6	0.152	0.34	10.3
E843276	8	110.5	0.008	0.17	1.81	12.3	3	5.5	54.3	0.41	0.62	14.1	0.185	0.3	18.6

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E843237		64	5.8	11.1	27	74.8
E843238		70	6.8	10.4	24	75.4
E843239		64	10.2	11.4	27	74.1
E843240		65	9.8	11.2	23	68.6
E843241		81	8.6	14.3	25	70.1
E843242		82	9.8	14.2	22	61.1
E843243		187	7.1	13.8	22	72.2
E843244		1	0.1	1.9	4	23.9
E843245		100	6.4	14.5	16	82.1
E843246		70	6.3	13.7	30	72.3
E843247		73	4.7	14.4	20	81.1
E843248		85	7.1	15.1	10	84
E843249		86	5.5	15.5	17	81
E843250		81	5.8	14.3	24	75
E843251		93	7.1	15.5	35	80.6
E843252		81	5.7	16.8	36	102
E843253		73	4.4	15.7	73	84.6
E843254		81	4.5	15.3	28	102
E843255		1	0.1	1.8	3	27.8
E843256		79	5.1	15.3	21	93.8
E843257		73	7	14	23	76.3
E843258		72	5.4	13.4	10	65.9
E843259		78	5	11.5	7	64.8
E843260		81	5.5	13	10	71.5
E843261		73	5.1	14.4	10	65.6
E843262		79	3.7	11.8	17	66.7
E843263		74	6.4	13.1	22	66.3
E843264		57	5	9.3	44	61.4
E843265		63	4.8	11.4	36	60.7
E843266		79	8.3	13.6	50	62.2
E843267		73	6.6	13.1	117	61.7
E843268		60	17.2	9.7	105	18.6
E843269		81	6.1	12.5	23	63.1
E843270		69	5.1	12.1	23	58.6
E843271		76	6.6	13.4	19	65.5
E843272		1	0.2	1.9	3	22.1
E843273		96	7.2	14	17	71.5
E843274		98	7.8	13.4	25	66.9
E843275		60	6.7	12.2	52	55.1
E843276		93	11	12.4	67	65

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Method / Analyte / Units / LOR — Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E843277	5.66	0.012	0.11	6.34	6.6	800	1.34	0.39	4.53	<0.02	110	33	31	1.46	15.6
E843278	5.16	0.011	0.1	6.76	6.5	1490	1.03	0.26	2.19	0.02	107.5	40.5	36	1.39	145.5
E843279	5.50	0.007	0.09	6.84	6.1	900	1.44	0.16	1.6	<0.02	74.1	40.1	40	2.11	37.6
E843362	5.78	<0.005	0.04	7.84	33.9	390	3.31	3.48	0.39	<0.02	92.7	15.9	69	14.65	300
E843363	8.14	<0.005	0.05	8.03	42.9	510	5.38	6.61	0.22	<0.02	61.6	15	72	16.5	487
E843364	3.56	0.006	0.13	7.23	38.1	440	6.48	17.85	0.3	<0.02	81.3	21.1	67	14.95	1175
E843365	3.58	<0.005	0.1	8.25	33.3	490	5.24	7.03	0.39	<0.02	78.2	20.4	80	15.75	958
E843366	4.46	0.009	0.04	8.5	35.1	640	12.7	0.56	0.25	<0.02	87.9	19.4	82	17.5	460
E843367	6.64	0.006	0.12	8.46	51.5	750	4.52	0.31	0.33	<0.02	85	22.7	74	15.9	289
E843368	0.06	<0.005	0.02	0.06	0.3	10	<0.05	0.01	0.01	0.02	3.29	0.1	2	<0.05	1.5
E843369	5.90	0.013	0.06	8.72	107.5	680	4.57	0.97	0.46	<0.02	97.2	53.7	86	16.65	628
E843370	3.30	0.009	0.2	8.46	186.5	800	3.87	0.23	0.43	<0.02	94.2	65.4	82	16.75	677
E843371	3.46	<0.005	0.05	8.95	31.6	870	3.82	0.09	0.2	<0.02	76.7	18.4	86	19.45	117
E843372	5.68	<0.005	0.03	8.41	29.3	700	3.01	0.07	0.48	<0.02	108	19.3	74	16.7	47.6
E843373	6.94	0.008	0.06	9.86	14.3	880	3.87	0.16	0.33	<0.02	149.5	11.2	96	15.95	124.5
E843374	6.10	0.007	0.01	8.73	268	830	3.64	0.19	0.29	<0.02	82.8	118.5	76	20	29.9
E843375	6.42	0.007	0.09	8.22	36.8	770	4.69	0.2	0.29	<0.02	81	27.6	82	17.05	376
E843376	3.04	<0.005	0.03	8.46	16.9	650	4.56	0.12	0.3	<0.02	56.9	15.8	87	17.35	109
E843377	2.70	<0.005	0.03	8.73	23.1	690	4.66	0.21	0.28	<0.02	60.6	18.5	82	18.75	240
E843378	3.96	0.017	0.13	8.36	66.7	490	5.34	0.54	0.42	<0.02	126	40	77	11.95	1075
E843379	4.18	0.008	0.08	8.23	33.3	530	3.84	0.5	0.66	<0.02	87	27.8	77	14.35	432
E843380	5.18	0.012	0.04	8.83	41	720	4.77	0.24	1.02	<0.02	96.6	25.2	91	19.9	248
E843381	0.88	0.011	0.03	8.5	149	660	4.22	0.14	0.35	<0.02	42.6	77.9	82	20.1	99.3
E843382	2.66	0.005	0.02	8.78	61.6	770	4.41	0.32	0.28	<0.02	52.5	30.9	90	19	73.9
E843383	3.56	0.012	0.02	9.37	131.5	840	6.78	0.41	0.41	<0.02	78.7	64.4	91	18.4	150
E843384	6.38	0.013	0.03	8.84	79.5	750	5.37	0.88	0.43	<0.02	84.5	33.5	83	18	386
E843385	6.76	0.009	0.01	9.02	93.8	810	4.43	0.31	0.31	<0.02	65.9	35.1	74	17.85	221
E843386	5.88	0.006	0.02	8.56	4.5	710	4.18	0.38	0.32	<0.02	57.2	5.4	71	16.25	424
E843387	3.60	0.010	0.02	8.12	25.1	620	4.29	0.48	0.35	<0.02	84	15.8	65	15.75	333
E843388	2.58	0.012	0.03	8.27	42.5	600	10.35	0.28	0.44	<0.02	52.3	20.4	83	15.75	185.5
E843389	4.62	0.016	0.03	8.3	65.3	650	4.24	0.27	0.33	<0.02	86.6	35	72	15.25	202
E843390	7.62	0.028	0.03	8.09	31	540	4.44	0.21	0.6	<0.02	127.5	21.2	72	13.7	507
E843391	5.14	0.007	0.04	7.01	1.2	440	1.99	0.13	0.48	<0.02	41.3	5.8	55	13.2	518
E843392	0.06	0.010	0.01	0.06	0.4	10	<0.05	<0.01	0.01	<0.02	1.92	0.1	<1	<0.05	1.4
E843393	0.06	0.935	36.8	4.12	960	480	0.62	32.1	6.36	0.24	19.65	41.5	256	1.3	4330
E843394	5.74	0.017	0.03	7.7	2.1	570	2.99	0.14	0.35	<0.02	54.2	4.6	77	17.3	263
E843395	6.92	0.010	0.03	5.57	4.7	360	1.33	0.08	0.64	<0.02	39.2	6.9	58	8.44	172.5
E843396	6.16	0.017	0.03	8.07	56.4	610	4.04	0.29	0.92	<0.02	35.2	30.6	76	15.15	142
E843397	4.66	0.018	0.05	7.92	3.4	450	2.75	0.29	1.03	<0.02	98.3	14.8	72	11.65	532
E843398	2.08	0.034	0.08	5.7	11	150	2.87	0.13	1.78	<0.02	126.5	21.1	52	2.71	290

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VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843277	8.08	15.15	0.08	1.9	0.088	6.47	69.3	26.9	3.33	2070	4.37	0.05	5.6	24	810
E843278	7.16	16.3	0.08	2.3	0.037	6.29	64	29	2.35	1110	3.89	0.05	4.3	30.7	700
E843279	6.72	17	0.05	2.5	0.031	6.42	44.3	35	2.23	651	2.43	0.05	5.3	30.3	700
E843362	10.2	18.3	0.07	1.5	0.245	1.79	46.9	25.6	0.36	18800	0.26	0.1	8.8	41.1	620
E843363	5.88	20.4	<0.05	1.7	0.27	2.46	31.8	25.7	0.38	4450	0.26	0.15	11.3	37	530
E843364	5.8	20.6	0.05	1.1	0.231	2.39	40.4	41.9	0.49	2590	0.29	0.12	8.8	48.8	530
E843365	6.85	20.9	0.06	1.3	0.216	2.53	39.1	39.9	0.54	4180	0.28	0.14	9.8	46.7	520
E843366	3.81	22.9	0.07	1.2	0.192	3.24	43.8	25.6	0.4	624	0.28	0.16	10.9	39.3	540
E843367	3.87	22.8	0.06	1.4	0.166	3.14	43.2	24.4	0.41	758	0.26	0.26	10.9	45.5	540
E843368	0.02	0.16	<0.05	0.8	<0.005	0.01	1.9	2.3	<0.01	<5	0.17	<0.01	0.1	0.4	20
E843369	6.01	22.7	0.09	1.3	0.188	2.9	50.3	35.4	0.66	2410	0.91	0.3	10	74.5	570
E843370	3.33	23.3	0.07	1.4	0.142	3.18	49.1	42.2	0.55	455	0.29	0.23	10.4	80.4	480
E843371	1.47	25.7	0.06	1.9	0.143	3.82	38.2	13.7	0.31	154	0.18	0.56	12.7	23.7	530
E843372	2.32	21.9	0.1	1.5	0.125	3.07	56.2	34.1	0.44	432	0.19	0.55	10.1	26.3	530
E843373	1.54	26.7	0.11	1.5	0.123	3.5	75.3	15.5	0.31	212	0.28	1.14	12.3	13.8	430
E843374	1.73	24.2	0.08	1.6	0.15	3.53	42	13	0.27	320	0.23	0.4	11.5	57.5	520
E843375	4.88	22.8	0.12	1.2	0.14	2.86	41.1	35	0.51	534	0.19	0.34	8.8	45.4	520
E843376	3.96	22.2	0.09	1.3	0.119	2.86	29	25.3	0.46	345	0.16	0.8	10.3	36	550
E843377	3.84	23.4	0.11	1.5	0.133	2.91	31.4	25	0.46	341	0.18	0.72	11.3	37	510
E843378	3.25	20.8	0.12	1.1	0.105	2.06	64.6	23.2	0.44	439	2.08	2.03	10.6	52.8	580
E843379	8.49	19.75	0.14	1.2	0.128	2.28	44.4	26.8	0.57	9830	0.37	0.73	8.2	57.8	510
E843380	4.33	24.3	0.12	1.2	0.144	3.13	48.1	26.4	0.57	1585	0.24	0.47	10.6	49.5	480
E843381	3.54	22.4	0.1	1.3	0.137	3.22	21.8	26.1	0.42	408	0.23	0.19	10.6	60.7	420
E843382	3.4	25.2	0.11	1.4	0.142	3.5	26.1	20.7	0.55	427	0.2	0.14	10.3	65.7	380
E843383	2.23	26.3	0.12	1.5	0.142	3.69	39	12.6	0.33	337	1.46	0.68	11.7	45.2	470
E843384	3.47	23.1	0.1	1.3	0.141	3.11	43.2	19.6	0.39	445	0.24	0.56	10.8	54.7	510
E843385	2.34	25.1	0.08	1.9	0.151	3.68	32.6	13.6	0.3	405	0.28	0.46	13.6	53.5	420
E843386	2.56	21.6	0.09	1.7	0.136	3.49	29.4	14.6	0.32	535	0.23	0.27	12.4	26.7	420
E843387	4.11	22.1	0.11	1.6	0.146	3.09	41.5	20	0.41	656	0.25	0.19	12.5	43.6	410
E843388	6.48	20.3	0.13	1.5	0.13	2.85	26.8	14.8	0.28	6370	0.3	0.11	10.4	45.6	410
E843389	3.74	20.8	0.11	1.2	0.127	3.08	43.9	13.3	0.3	3370	0.21	0.3	10.5	30.3	470
E843390	4.62	21	0.14	1.3	0.131	2.8	63.8	24.3	0.62	1960	0.23	0.23	7.7	65.7	590
E843391	4.39	18.9	0.13	1.5	0.106	2.36	23.2	27.3	0.54	584	0.83	0.11	8.9	98.6	480
E843392	0.02	0.15	0.05	0.8	<0.005	0.01	0.9	2.3	<0.01	<5	0.34	0.01	0.1	0.4	10
E843393	4.12	12.45	0.41	0.7	0.205	1.43	16.3	15	0.77	1650	699	0.64	1.6	18.9	530
E843394	2.68	21.3	0.13	1.3	0.133	3.16	27.8	15.2	0.37	353	0.77	0.13	11.1	49.5	450
E843395	4.06	16.5	0.12	1.3	0.082	1.81	21.3	26.6	0.94	744	0.44	0.08	7	87.1	580
E843396	2.73	21.4	0.14	1.4	0.137	2.98	19.8	21.3	0.56	766	0.25	0.55	10.6	44.1	540
E843397	8.94	21.8	0.22	0.9	0.129	2.29	52.4	31.1	1.06	2500	0.43	0.1	9	74.9	460
E843398	11.35	19.3	0.25	0.5	0.081	0.67	67.9	40.2	1.74	4780	0.65	0.04	7	196.5	490

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E843277	4.2	110	0.002	0.02	1.57	11.4	1	3.7	22.3	0.37	0.13	13.1	0.163	0.29	7.2
E843278	5	101	0.003	0.13	1.51	10.2	1	3	23	0.34	0.15	14.7	0.15	0.36	10.3
E843279	3.9	137.5	0.002	0.1	1.68	11.6	1	3.4	12.1	0.4	0.07	15.2	0.183	0.37	8
E843362	1.9	139	<0.002	0.04	0.87	15.4	<1	1.5	57.8	0.6	<0.05	11.8	0.303	0.79	1.7
E843363	1.5	180	<0.002	0.05	0.97	14.4	<1	1.8	82.1	0.77	<0.05	12	0.363	0.89	2.2
E843364	1.6	178.5	<0.002	0.12	0.88	13.6	<1	1.7	72.4	0.56	0.07	12	0.274	0.83	2.2
E843365	1.7	187	<0.002	0.1	0.88	14.9	<1	1.8	75.4	0.64	0.07	12.7	0.318	0.86	2.2
E843366	1.8	221	<0.002	0.04	0.81	15.1	<1	1.9	84.3	0.72	0.06	13.8	0.343	1.03	1.7
E843367	1.6	217	<0.002	0.04	0.57	14.8	<1	1.8	72.7	0.73	<0.05	12.7	0.33	0.93	2.4
E843368	1.2	0.3	<0.002	0.01	<0.05	0.2	1	<0.2	2	<0.05	<0.05	0.4	0.005	<0.02	0.2
E843369	2.5	200	0.002	0.08	0.57	15.9	<1	1.9	81.1	0.66	0.07	12.4	0.324	0.9	2
E843370	1.5	227	<0.002	0.1	0.59	16.1	<1	2.1	75.9	0.67	0.06	11	0.338	1.06	1.9
E843371	1.5	262	<0.002	0.01	0.45	18.3	<1	2.4	89.9	0.82	<0.05	11.5	0.413	1.16	2.3
E843372	1.5	223	<0.002	0.01	0.38	16.5	<1	1.8	74.8	0.65	<0.05	11.2	0.328	1.01	2.2
E843373	1.7	237	<0.002	0.05	0.4	20.8	<1	2	108.5	0.76	<0.05	10.8	0.39	1	3.3
E843374	1.5	248	<0.002	0.01	0.47	16.6	<1	2.1	87.7	0.76	<0.05	12.7	0.39	1.1	2.6
E843375	1.2	216	<0.002	0.05	0.49	15.1	<1	1.9	72.1	0.56	0.06	10.6	0.269	0.92	1.7
E843376	1.4	200	<0.002	0.02	0.56	15.2	<1	1.9	102.5	0.67	<0.05	12	0.331	0.94	1.5
E843377	1.4	217	<0.002	0.03	0.6	16.2	<1	1.9	98.5	0.74	0.05	12.4	0.359	1	1.7
E843378	1.5	149.5	<0.002	0.19	0.43	15.3	<1	1.4	134	0.71	0.14	12.2	0.345	0.67	1.5
E843379	1.4	158	<0.002	0.2	0.46	16.1	<1	1.6	77.6	0.56	0.08	12.1	0.277	0.76	1.7
E843380	1.5	221	<0.002	0.04	0.55	17.4	<1	2	86.8	0.66	0.06	12	0.319	1	2.1
E843381	1.2	230	<0.002	0.02	0.61	15.8	<1	2	70.6	0.7	<0.05	10.8	0.351	1.05	1.5
E843382	1.5	238	<0.002	0.02	0.65	16	<1	2	63.6	0.68	<0.05	8.5	0.363	1.1	2.1
E843383	1.7	251	<0.002	0.03	0.57	18.8	<1	2	87	0.77	0.06	12.8	0.414	1.02	3
E843384	1.4	217	<0.002	0.07	0.54	16.7	<1	1.9	84.8	0.72	0.06	12.4	0.349	0.92	2
E843385	1.6	244	<0.002	0.03	0.39	16.3	<1	1.9	87.4	0.87	<0.05	14	0.351	1.06	2.9
E843386	1.7	218	<0.002	0.06	0.38	13.8	<1	1.6	75.5	0.79	0.05	11.8	0.342	0.92	2.1
E843387	1.4	211	<0.002	0.06	0.45	13.4	<1	1.7	73.4	0.78	<0.05	12.3	0.293	0.91	2.7
E843388	1.5	188	<0.002	0.04	0.44	14.8	<1	1.6	77.5	0.7	<0.05	12	0.344	0.83	2.1
E843389	1.5	209	<0.002	0.03	0.45	15.7	<1	1.5	82.9	0.71	0.05	13.2	0.345	0.84	2
E843390	1.7	198.5	<0.002	0.07	0.4	14.1	<1	1.4	73.2	0.5	<0.05	15.5	0.242	0.74	2.5
E843391	1.3	156	<0.002	0.06	0.41	10.7	1	1.2	62.3	0.6	<0.05	13.9	0.225	0.63	2.4
E843392	0.7	0.3	<0.002	0.01	<0.05	0.2	2	<0.2	1.9	<0.05	<0.05	0.2	0.005	<0.02	0.2
E843393	70.5	34.7	0.064	0.67	85.4	5.7	5	2.7	267	0.09	3.64	1.2	0.115	0.2	2.5
E843394	1.4	195	<0.002	0.03	0.49	13.1	1	1.6	86.9	0.76	<0.05	12.5	0.328	0.84	1.8
E843395	0.9	116.5	<0.002	0.02	0.42	8.9	1	1	45.7	0.46	<0.05	7.2	0.208	0.44	2
E843396	1.3	204	<0.002	0.02	0.78	14.3	1	1.6	78.5	0.71	<0.05	11.6	0.315	0.79	2.8
E843397	1	143	<0.002	0.08	0.68	13.4	1	1.3	58	0.52	0.05	12.9	0.242	0.59	1.7
E843398	0.9	47.7	<0.002	0.04	0.46	8.9	1	0.5	23.5	0.42	<0.05	15.7	0.196	0.16	2.1

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ALS Chemex
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VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E843277		69	7.1	12.6	26	58.8
E843278		61	5.4	11	31	70.8
E843279		64	4.9	11.5	29	77.1
E843362		70	1	25.7	9	44.3
E843363		74	1.4	18.2	8	54.7
E843364		75	1.4	12.6	11	36.5
E843365		78	1.1	14.5	11	40.9
E843366		83	1.4	12.9	8	37.2
E843367		79	1.3	12.9	8	44.2
E843368		<1	<0.1	1.8	3	25.2
E843369		86	1.2	19.1	15	41.8
E843370		88	2.7	11.8	8	45.8
E843371		103	1.9	10.8	4	59.1
E843372		85	1.3	10.5	5	45
E843373		106	1.8	9.6	5	48.5
E843374		90	1.4	10.1	4	51.3
E843375		82	1.1	8.7	7	37.7
E843376		89	1.1	11	6	39.3
E843377		87	1.2	12.9	5	46
E843378		79	1.1	14.1	7	37.2
E843379		77	1	25.1	9	38.1
E843380		85	1.2	15.6	8	38.7
E843381		82	1.3	10.2	8	41.7
E843382		90	1.4	13.4	9	47.3
E843383		99	1.4	15.4	6	49
E843384		86	1.1	15.5	8	40.3
E843385		85	1.2	13.5	8	60.1
E843386		78	1.2	12.2	9	55.3
E843387		69	1.3	12.2	9	49.7
E843388		76	1.1	15.1	9	49.5
E843389		74	1.1	14.3	7	39.2
E843390		71	0.9	13.9	17	42.8
E843391		57	1.1	8.9	18	46.1
E843392		1	0.1	1.3	4	24.7
E843393		60	14.7	7.6	110	22
E843394		76	1.2	9.3	9	43.8
E843395		56	1.1	8	19	43.5
E843396		71	1.3	12.6	10	45.1
E843397		76	0.8	13	29	30.1
E843398		66	0.5	14.6	46	17.1

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Finalized Date: 27-NOV-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E843399		3.40	0.066	0.04	8.38	8.5	590	3.49	0.2	0.27	<0.02	91.5	9.5	80	17	405
E843435		0.44	<0.005	0.1	7.05	9.1	1020	1.81	0.18	0.59	0.02	389	48.3	61	2.86	62.3
E843436		4.00	0.006	0.1	6.82	11	1360	1.88	0.29	0.53	<0.02	103.5	19.3	64	12.35	273
E843437		2.42	<0.005	0.03	6.65	7	1020	2.05	0.18	0.87	<0.02	106	13.7	63	10.3	175.5
E843438		2.30	0.009	0.02	6.95	6.4	1100	2.15	0.17	0.59	<0.02	123	12.1	63	11.65	174
E843439		3.14	0.005	0.04	6.98	13.4	220	2.04	0.31	0.4	<0.02	242	57.4	67	1.97	118.5
E843440		3.68	0.013	0.06	6.86	7	1210	1.89	0.26	0.34	<0.02	110	12.6	71	11.1	586
E843441		5.12	0.022	0.06	6.8	15.6	270	1.93	0.59	0.63	<0.02	440	46.4	62	2.33	973
E843442		6.18	0.011	0.03	6.79	12.5	610	2.33	0.38	0.95	<0.02	466	28.3	64	5.57	532
E843443		3.14	0.013	0.09	6.26	3.2	720	2.03	0.35	1.61	<0.02	169.5	21	72	5.89	1130
E843444		1.18	0.006	0.06	7.4	3.9	1450	2.55	0.4	0.2	<0.02	152	5.2	77	18.3	183
E843445		4.30	0.008	0.01	7.67	2.7	950	2.81	0.1	0.39	<0.02	327	11.2	79	9.79	98
E843446		4.06	<0.005	0.01	7.71	2.2	1020	3.04	0.06	0.36	<0.02	351	7.3	74	12	101
E843447		4.60	<0.005	0.03	6.9	2.3	950	2.55	0.07	1.71	<0.02	134.5	11.8	66	10.35	67.2
E843448		7.94	0.007	0.05	7.64	3.5	850	2.47	0.15	0.45	<0.02	140	13.2	75	6.14	184
E843449		5.60	0.007	0.07	6.96	4.1	200	1.93	0.32	0.87	<0.02	307	41.4	62	1.39	87.8
E843450		4.84	0.005	0.08	7.08	5.1	320	2.09	0.34	0.61	<0.02	126.5	31.9	64	2.87	113.5
C286551		7.44	<0.005	0.02	6.83	2.4	300	2.06	0.07	0.57	<0.02	26	12.6	58	2.78	23.1
C286552		6.14	<0.005	<0.01	7.62	2.6	790	2.83	0.08	0.39	<0.02	57.6	10.4	67	6.95	23.1
C286553		4.16	0.005	0.02	5.96	5.3	550	1.7	0.37	0.6	<0.02	83.9	14.4	51	2.43	151.5

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CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843399		3.56	23.5	0.18	1.8	0.156	3.35	48.1	16.9	0.5	527	0.44	0.14	11.7	51.2	470
E843435		2.01	14.25	0.38	0.9	0.037	0.56	190	61.4	0.38	386	0.51	3.98	4.2	18.2	940
E843436		2.99	19.55	0.19	0.8	0.091	2.41	54	18.7	0.33	330	0.44	0.96	8.9	51.2	570
E843437		1.64	18.75	0.18	0.6	0.063	1.72	54.9	12.4	0.28	475	0.78	2.28	6.8	24.6	610
E843438		1.61	20.2	0.2	0.7	0.064	1.85	64.1	12.4	0.28	336	0.33	2.17	7.3	28.1	630
E843439		1.04	17	0.28	0.9	0.022	0.43	127	7.4	0.1	301	0.64	5.43	4.5	15.2	620
E843440		3	23	0.2	0.6	0.084	2.7	58.2	15.6	0.45	256	0.27	0.72	8.5	57.2	590
E843441		1.21	17.95	0.44	0.6	0.036	0.6	214	8.2	0.19	412	0.98	4.7	4.8	16.1	570
E843442		1.23	20.9	0.44	0.7	0.05	1.33	219	10.9	0.33	684	1.12	3.55	5.6	14.2	580
E843443		1.63	19.25	0.24	0.7	0.069	1.58	83.1	22.6	0.34	779	0.56	2.38	6.2	27.7	590
E843444		1.12	22.4	0.21	0.9	0.114	3.09	78.4	9.6	0.15	69	0.52	0.79	9.1	23.7	610
E843445		0.98	26.8	0.35	0.9	0.075	2.16	165	11.9	0.24	172	0.45	2.68	6.8	14.8	600
E843446		0.88	27.2	0.37	1	0.082	2.29	173.5	11	0.22	154	0.43	2.49	6.6	12.9	550
E843447		1.52	22.8	0.23	0.7	0.073	2.19	64.6	13.4	0.72	789	0.43	2.17	6	16.5	590
E843448		1.19	24.3	0.22	0.8	0.074	2.14	72.3	13.9	0.24	190	0.54	2.61	6.5	15.6	630
E843449		1.25	17.8	0.34	0.6	0.029	0.6	157	19.1	0.3	494	1.7	4.53	4.1	15	620
E843450		1.01	18.45	0.21	0.6	0.039	0.95	65.4	12.9	0.24	374	1.13	4.24	4.6	13	740
C286551		0.66	17.55	0.12	0.6	0.027	0.79	13.6	9.8	0.19	350	0.77	4.72	4.5	7.8	650
C286552		0.99	21.4	0.15	0.6	0.062	2.04	29.7	6.8	0.17	159	0.93	2.77	6.6	15	710
C286553		1.74	15.7	0.18	0.5	0.055	1.37	43.1	11.5	0.29	304	1.14	2.25	7	24	720

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CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E843399		1.1	207	<0.002	0.04	0.54	13.8	2	1.8	78.4	0.76	<0.05	13.2	0.326	0.86	2.2
E843435		2.4	42.2	<0.002	0.27	0.64	6.8	2	0.5	88.4	0.32	0.1	21.6	0.144	0.2	1.5
E843436		1.7	138	<0.002	0.06	0.58	11.5	1	1.5	176.5	0.59	<0.05	12	0.255	0.26	1.3
E843437		1.7	94.8	<0.002	0.05	0.5	10.9	1	1.3	172	0.46	0.07	10.4	0.208	0.21	1.2
E843438		1.7	108.5	<0.002	0.04	0.5	11.5	1	1.4	186.5	0.49	0.05	11.5	0.226	0.23	1.1
E843439		2.1	28.7	<0.002	0.23	0.57	9	1	0.8	86	0.32	0.25	12.7	0.14	0.1	2.3
E843440		1.9	141.5	<0.002	0.07	0.55	12.6	2	1.8	122.5	0.56	0.05	11.9	0.292	0.29	1.2
E843441		1.9	32.3	<0.002	0.33	0.64	9.2	2	0.8	75.5	0.32	0.34	16.2	0.148	0.11	1.4
E843442		2.1	69.2	<0.002	0.18	0.63	13.7	2	1.4	114.5	0.37	0.21	17.2	0.173	0.19	1.6
E843443		1.2	77.9	<0.002	0.22	0.73	11.9	2	1.4	104.5	0.42	0.14	10.2	0.187	0.21	1.1
E843444		1.6	156	<0.002	0.03	0.62	12	2	1.9	176	0.57	<0.05	12.1	0.27	0.37	1.3
E843445		2.2	120.5	<0.002	0.06	0.52	17.5	2	2.3	140.5	0.43	<0.05	16.6	0.196	0.28	1.3
E843446		1.7	130	<0.002	0.04	0.49	18.1	2	2.5	146.5	0.43	<0.05	14.1	0.189	0.3	1.1
E843447		1.5	113	<0.002	0.06	0.47	16.3	1	1.8	134.5	0.35	<0.05	10.1	0.18	0.28	0.8
E843448		1.4	123	<0.002	0.08	0.57	16.7	2	1.9	92.7	0.41	0.06	13.4	0.192	0.29	1.2
E843449		1.8	43.8	<0.002	0.22	0.53	10.9	2	0.9	59.4	0.28	0.17	10.3	0.12	0.16	1.2
E843450		1.6	53.7	<0.002	0.18	0.52	11.4	1	1.2	92.4	0.34	0.17	13.9	0.149	0.18	1.1
C286551		1.8	50.5	<0.002	0.07	0.46	10.3	1	1.1	91.3	0.32	<0.05	7.5	0.139	0.19	0.9
C286552		1.6	119	<0.002	0.04	0.5	11.9	1	1.7	151	0.4	<0.05	11.6	0.204	0.33	1
C286553		1.2	77.4	<0.002	0.06	0.58	9.1	2	1.2	81.4	0.47	0.06	11.2	0.199	0.19	1.4

***** See Appendix Page for comments regarding this certificate *****

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 27-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124176

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E843399		86	1.4	10.9	13	57.8
E843435		41	1.6	9.2	12	29.4
E843436		67	1.5	10.1	5	24.8
E843437		61	1.1	6.9	4	20.4
E843438		62	1.2	7.8	4	24.4
E843439		48	2.2	7.8	6	28.5
E843440		71	1.1	8.8	6	20.7
E843441		43	1.7	8.7	5	20.9
E843442		60	2	11.4	5	23.1
E843443		62	1.4	9	5	21.7
E843444		58	2	10.8	2	28
E843445		82	2.8	10.8	3	30.5
E843446		79	2.6	10.6	3	31.5
E843447		72	1.8	7.3	5	22.5
E843448		81	2	10.3	4	25.6
E843449		50	2.3	8.9	6	18.6
E843450		56	2.1	8.3	5	18.1
C286551		53	1.9	7.7	5	18
C286552		58	1.2	9	3	20.2
C286553		46	1.1	8.6	5	16.7

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CERTIFICATE OF ANALYSIS VA07124176

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in MS61 method.

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CERTIFICATE VA07124177

Project: Werneckes

P.O. No.: FRG07-01

This report is for 118 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07124177

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E843119	3.88	<0.005	0.05	5.56	7	330	0.95	0.1	3.23	0.03	52.6	42.6	29	1.86	311
E843120	0.04	0.012	0.01	0.06	<0.2	10	<0.05	0.01	0.01	0.02	4.48	0.2	1	<0.05	2.2
E843121	5.42	<0.005	0.13	5.68	8.8	520	0.4	0.14	4.76	0.25	23.2	34.1	30	1.08	907
E843122	5.08	0.023	0.2	5.98	9.3	620	0.42	0.1	3.49	0.13	25.9	34.2	29	1.32	194
E843123	1.34	0.008	1.73	3.67	88.4	120	0.38	2.08	3.67	1.41	1.11	131	20	0.95	502
E843124	3.14	<0.005	0.3	5.44	21.8	500	0.79	0.49	3.62	0.09	88	47.9	28	1.87	53.5
E843125	3.18	0.076	0.45	6.03	19.2	660	1.69	0.65	5.22	0.07	168.5	63.8	19	3.4	217
E843126	4.96	0.006	0.07	7.1	5.1	2180	1.63	0.38	2.25	0.02	61.6	29.4	37	3.73	9.1
E843127	5.82	0.021	0.27	6.98	3.3	2350	1.32	10.75	2.74	<0.02	53.6	23	42	1.94	17.9
E843128	5.06	0.008	0.12	6.41	6	1830	0.98	0.58	2.17	<0.02	73.8	35.3	38	2.26	7.5
E843129	0.08	0.013	0.02	0.06	<0.2	10	<0.05	0.04	0.01	0.02	2.98	0.2	1	<0.05	3.9
E843130	5.10	0.011	0.05	7.26	4.8	2000	1.16	1.08	1	0.31	75	39.2	50	3.1	5.8
E843131	6.16	0.051	0.11	8.34	5.8	2170	1.41	0.63	1.44	0.23	74.3	39.7	59	3.09	5.1
E843132	5.14	0.012	0.06	8.01	4.3	1950	1.48	0.11	1.69	0.17	82.9	37.1	54	2.64	3.6
E843133	4.74	0.009	0.05	8.49	5.7	1960	1.9	0.12	1.9	0.11	78.6	42.7	59	3.31	12
E843134	5.36	0.008	0.02	8.94	7.1	2900	2.24	0.11	1.22	0.09	94.6	45.9	67	4.09	24.2
E843135	5.50	<0.005	0.03	8.71	6.1	1690	2.51	0.21	1.44	0.63	140	39.4	61	4.22	14.6
E843136	5.64	0.010	0.04	8.74	5.2	1820	2.41	0.18	1.55	0.39	145	29.2	63	3.66	12.7
E843137	5.74	0.025	0.03	8.53	4.2	1690	2.06	0.14	1.52	0.15	98.6	23.9	64	3.13	3.6
E843138	5.76	0.027	0.03	8.89	5.9	1580	3.05	0.17	1.32	0.62	129.5	31.7	67	4.08	9.6
E843139	5.12	0.010	0.03	8.11	4.9	1760	2.38	0.1	1.73	0.05	215	36.4	54	3.59	31.8
E843140	5.70	0.024	0.02	8.68	3.4	1140	3.61	0.14	1.92	0.03	52.3	18.1	62	3.67	14.8
E843141	5.54	0.086	0.05	7.98	4.4	990	3.58	0.1	2.38	0.02	258	24.8	53	3.72	29.2
E843142	5.12	0.036	0.04	8.65	7.1	1760	2.63	0.09	2.32	<0.02	152.5	41.9	58	3.67	44.1
E843143	5.22	0.006	0.02	7.97	5.5	1800	1.8	0.09	1.85	<0.02	154.5	23.6	56	3.07	6.2
E843144	5.42	0.026	0.15	8.08	5	3560	2.18	0.38	1.91	<0.02	176.5	20.9	60	3.21	18.3
E843145	5.68	0.019	0.05	8.49	5.2	1350	2.34	0.09	2.33	0.14	163	22	53	3.22	4.2
E843146	0.06	0.020	0.21	6.32	41.7	80	7.22	7.91	1.59	0.31	18.05	22.8	52	0.98	138
E843147	5.64	0.009	0.04	8.03	4.4	1370	2.73	0.17	3.23	0.1	71	14.9	51	2.76	17.4
E843148	6.08	0.008	0.02	7.75	3.9	1270	3.64	0.09	2.79	0.11	30.7	14.8	55	3.12	2.8
E843149	5.20	0.014	<0.01	8.47	3.8	1300	3.74	0.11	2.54	0.03	83.5	17.7	56	3.26	0.8
E843150	4.60	0.050	0.05	6.82	3.2	1290	3.78	0.13	3.1	<0.02	148.5	15.3	43	2.8	2.7
E843151	6.14	0.005	0.02	7.83	2.5	1190	4.19	0.07	2.11	0.02	52.8	16.9	52	3.39	2.4
E843152	5.44	0.017	0.02	6.62	2.3	6300	3.43	0.07	2.28	<0.02	62.2	14.3	38	3.07	2.5
E843153	6.08	0.009	0.06	8.03	4.2	4940	3.09	0.11	2.3	<0.02	142.5	15.5	49	3.27	5.1
E843154	5.32	0.016	0.05	7.51	3.1	9780	2.93	0.05	2.2	<0.02	127	13.9	46	2.9	3
E843155	5.56	0.008	0.02	8.05	3.1	1010	3.53	0.02	2.1	<0.02	49.1	12.5	52	3.09	2.4
E843156	5.08	0.018	0.03	7.93	3.2	3300	3.38	0.08	2.92	<0.02	123.5	13.7	46	2.74	1.5
E843157	4.90	0.015	0.04	8.14	3.5	940	4.02	0.05	2.49	<0.02	148	16.5	51	3.32	1
E843158	6.00	0.005	0.04	8.25	3.7	490	3.9	0.05	2.59	<0.02	63.6	18	50	3.49	0.9

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843119	6.83	12.5	0.24	2	0.07	5.41	28.3	20.9	2.85	1360	1.58	0.04	3.9	21.5	630
E843120	0.04	0.31	0.1	0.9	<0.005	0.01	2.3	2	0.01	7	0.1	<0.01	0.4	0.4	20
E843121	7.55	10.8	0.23	2.1	0.097	4.93	10.9	8.3	2.78	2040	5.12	0.06	3.1	11.8	640
E843122	6.83	10.25	0.22	2	0.092	4.79	12.9	4.6	1.71	1695	6.73	0.06	2.8	6.7	710
E843123	11.05	7.87	0.18	1.1	0.213	3.34	<0.5	12.1	2.34	2220	10.25	0.03	1.5	69.2	460
E843124	7.48	11.95	0.26	1.9	0.114	5.55	48	17.7	2.28	2050	3.26	0.04	3.2	31.6	640
E843125	7.74	22.2	0.33	3.8	0.218	5.08	94.1	37.6	3.81	2720	8.25	0.04	6.9	59.5	1420
E843126	6.59	21.9	0.28	3	0.101	6.69	35.1	44.2	2.17	1190	4.24	0.04	3.7	45.3	1000
E843127	5.76	17.55	0.27	2.5	0.088	6.49	29.7	20.9	1.87	1225	3.79	0.07	3.2	28.4	760
E843128	7.7	17.2	0.3	2.2	0.042	5.71	41.3	30.6	2.29	930	6.45	0.06	4	34	840
E843129	0.03	0.28	0.08	0.9	<0.005	0.01	1.6	1.9	0.01	5	0.06	<0.01	0.2	0.4	20
E843130	7.49	18.55	0.16	2.2	0.032	6.7	42.8	37.8	2.15	416	3.47	0.06	3.8	42	810
E843131	8.31	20.1	0.2	2.3	0.032	6.83	42.9	36.8	2.35	612	5.99	0.07	4.1	41.7	920
E843132	6.34	20.5	0.17	2.2	0.028	7.04	47.5	30.3	2.38	690	5.9	0.08	3.8	33.2	830
E843133	5.94	20.3	0.17	2.3	0.034	6.27	45.8	35.9	2.71	833	5.44	0.07	4.8	34.4	880
E843134	5.2	22.1	0.16	2.3	0.039	6.48	53.1	44.6	2.72	548	3.2	0.05	4.6	38	880
E843135	6.21	21.8	0.2	2.4	0.052	6.1	80.5	40.7	2.51	519	3.46	0.06	4.3	36.1	840
E843136	5.89	22.3	0.2	2.3	0.06	5.97	79.7	35.4	2.21	568	4.44	0.06	3.3	31.5	860
E843137	5.87	17.9	0.15	1.9	0.056	6.33	54.3	27.4	2.23	530	4.73	0.07	3.6	27.8	820
E843138	6.84	23.5	0.2	2.4	0.07	5.66	70.5	39.6	2.2	480	2.9	0.07	4.1	35.5	900
E843139	5.69	21	0.25	2.1	0.054	6.83	126.5	34.1	2.42	664	2.53	0.07	4.2	36.2	820
E843140	4.48	23.5	0.13	2.3	0.087	6.41	28.2	49.1	2.22	623	0.79	0.07	3.4	28	810
E843141	5.5	22.3	0.27	2.2	0.088	5.75	141.5	41	2.53	793	1.67	0.07	3.7	36.4	760
E843142	5.86	20.5	0.2	2.3	0.072	6.78	80.6	48.9	3.01	966	3.33	0.06	4.1	43	820
E843143	5.88	18.75	0.21	2.2	0.063	5.97	83.4	34	1.9	867	2.26	0.06	3.5	29.3	820
E843144	5.53	21.1	0.22	2.4	0.156	6.89	96	35.2	1.72	1230	12.35	0.05	3.2	30.3	800
E843145	6.77	24.7	0.23	2.3	0.138	5.45	91.2	34.2	2.1	1755	2.07	0.07	2.6	39.5	800
E843146	2.33	58.9	0.09	4.3	0.029	0.38	9	254	6.64	208	22.4	0.14	9.7	142	830
E843147	5.62	24.9	0.16	2	0.124	6.07	38.4	39.7	2.44	1515	2.01	0.07	3.1	23.4	780
E843148	4.58	24.8	0.14	2.2	0.114	6.41	15.9	49.1	2.24	1185	1.56	0.07	5.2	28.3	740
E843149	5.6	24.1	0.16	2.2	0.12	6.37	44.5	44.9	2.33	1365	1.88	0.07	3.9	36.2	790
E843150	4.84	20.4	0.32	2.2	0.12	5.45	74.8	44.6	2.22	1425	2.63	0.07	4.6	26.3	670
E843151	4.5	23.8	0.27	2.3	0.12	5.87	25.4	56	2.21	1090	1.18	0.07	5.7	34.8	720
E843152	3.74	19.05	0.26	2	0.119	4.87	32.4	45.9	2.03	1125	0.96	0.03	3.8	27.5	610
E843153	4.84	22.8	0.08	2.4	0.191	5.18	78.5	52.4	2.03	1030	2.31	0.04	4.2	27.6	800
E843154	4.68	20	0.08	2.3	0.144	5.3	69.5	47.6	2.15	1110	2.25	0.01	4.3	24.3	720
E843155	3.8	22	<0.05	2.2	0.12	5.64	26.4	62.7	2.08	809	0.85	0.05	4.3	29.3	740
E843156	4.47	22.6	0.08	2.4	0.141	5.04	67.3	53.2	2.4	1110	1.65	0.05	3.9	29.3	760
E843157	5.05	23.5	0.12	2.6	0.135	5.57	82.2	61.1	2.3	893	1.6	0.05	4.6	35.1	770
E843158	5.01	23.7	<0.05	2.4	0.123	5.12	32.9	68.2	2.52	934	1.27	0.05	3.5	38.8	780

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CERTIFICATE OF ANALYSIS VA07124177

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E843119	3.4	75.2	<0.002	0.07	1.9	11.1	2	1.6	17.8	0.38	<0.05	14.9	0.178	0.22	7
E843120	1.1	0.5	<0.002	0.01	0.12	0.1	2	<0.2	2	<0.05	<0.05	0.6	0.015	<0.02	0.3
E843121	16.4	63.6	0.002	0.2	1.78	10.8	2	1.4	26.2	0.31	<0.05	14.2	0.146	0.39	5.1
E843122	33.7	68.5	<0.002	0.15	2.37	10.2	2	1.9	19.2	0.25	<0.05	15.3	0.131	0.38	4.2
E843123	43.2	73.3	<0.002	7.99	13.3	8.8	1	1	43.9	0.13	<0.05	0.2	0.08	10.05	6.6
E843124	21.4	85.4	<0.002	0.83	4	9.6	2	1.9	15	0.3	<0.05	13.8	0.134	1.2	5.2
E843125	16.5	144	<0.002	1.62	6.68	15.2	3	2.4	23.9	0.54	0.07	13.1	0.284	3.15	8.3
E843126	4.2	182	<0.002	0.08	3.15	12.4	3	2.9	35.4	0.31	0.14	15.7	0.198	0.42	9.4
E843127	4.5	140.8	<0.002	0.05	2.52	10.8	5	2.5	44.9	0.3	5.37	15.5	0.155	0.34	8.5
E843128	3.9	95.2	<0.002	0.03	2.63	11.5	2	3.2	30.1	0.34	0.24	14.4	0.153	0.31	9.9
E843129	1.1	0.5	<0.002	0.01	0.09	0.1	2	<0.2	1.9	<0.05	<0.05	0.4	0.006	<0.02	0.3
E843130	3.5	176	0.004	0.03	2.69	10.2	2	3.2	21.6	0.33	0.49	15.1	0.205	0.33	19.8
E843131	4.5	175.5	0.003	0.08	3.1	12.1	2	3.5	26.7	0.35	0.28	17.9	0.212	0.38	13.4
E843132	3.4	178.5	<0.002	0.03	2.59	13.4	2	3	29	0.34	0.06	17.8	0.185	0.31	7.8
E843133	3.3	158	<0.002	0.03	2.62	14	1	3	30.8	0.42	0.05	18.3	0.204	0.33	6.6
E843134	3.6	198	<0.002	0.07	2.54	13.8	1	3.1	39.7	0.41	<0.05	17.4	0.208	0.36	11.2
E843135	4.3	177	<0.002	0.04	2.66	15.1	2	3.3	26.7	0.37	0.05	18.8	0.21	0.36	12.3
E843136	3.5	147	<0.002	0.03	2.29	14.9	1	3	24	0.29	0.06	17.9	0.197	0.38	10.6
E843137	2.7	177	<0.002	0.02	2.18	12	1	2.5	20.6	0.32	0.05	13.2	0.208	0.32	12
E843138	3.6	149.5	<0.002	0.02	2.98	14.7	1	3.4	22.1	0.35	0.06	17	0.224	0.39	12
E843139	3.3	234	<0.002	0.04	2.25	13.2	2	2.9	29	0.37	<0.05	17.4	0.208	0.34	11.3
E843140	3	270	<0.002	0.01	2.49	13.3	1	3.1	21	0.29	0.05	15.9	0.189	0.35	6.8
E843141	3.1	284	<0.002	0.02	2.58	13.8	2	3.1	26	0.3	0.3	15.9	0.193	0.31	9.8
E843142	3	254	<0.002	0.04	2.7	12.9	2	3	36.9	0.35	0.1	16.8	0.198	0.36	8.4
E843143	3.3	151	<0.002	0.03	2.95	12	1	3	33.1	0.29	<0.05	16.9	0.166	0.38	10.6
E843144	3.7	193.5	<0.002	0.08	2.57	13.7	2	3	76.7	0.28	0.16	19.5	0.162	0.4	7.8
E843145	7.2	192	<0.002	0.03	2.52	14.8	1	3.1	32.7	0.22	<0.05	19.9	0.157	0.37	7.3
E843146	296	16.7	0.006	1.84	0.84	9.4	3	3.1	31.4	0.93	0.29	15.5	0.22	0.12	920
E843147	4.2	287	<0.002	0.03	2.65	14.1	1	3.6	35.2	0.26	<0.05	15.9	0.17	0.33	6.1
E843148	4.3	309	<0.002	0.02	3.12	13	1	3.5	35	0.45	<0.05	15.2	0.207	0.37	4.8
E843149	3.3	357	<0.002	0.02	2.72	13.7	1	3.1	42	0.33	0.06	17.7	0.197	0.37	5.7
E843150	2.8	240.8	<0.002	0.02	2.84	11.7	2	2.9	38.5	0.41	<0.05	13.7	0.173	0.37	4.7
E843151	2.9	302.5	<0.002	0.02	2.98	13	2	3.5	36.9	0.53	<0.05	15.4	0.215	0.4	6
E843152	2.5	281	<0.002	0.18	2.52	11.1	2	2.6	139	0.35	<0.05	12.9	0.157	0.36	4.7
E843153	3.6	322	<0.002	0.29	2.88	13.1	<1	3.5	71.1	0.35	<0.05	17.1	0.188	0.61	6.4
E843154	2.9	329	<0.002	0.3	2.44	11.9	<1	3.1	756	0.36	<0.05	15.5	0.174	0.39	5.7
E843155	2.2	382	<0.002	0.02	2.48	12.5	<1	3.1	29.3	0.36	<0.05	15.2	0.192	0.39	4.3
E843156	2.4	334	<0.002	0.08	2.39	11.9	<1	3.1	68.7	0.32	<0.05	15.3	0.184	0.36	5.1
E843157	2.7	381	<0.002	0.02	2.67	13.5	<1	3.2	32.1	0.36	<0.05	16.5	0.2	0.4	6.6
E843158	2.7	357	<0.002	<0.01	2.76	12.5	<1	3	21.8	0.26	<0.05	16.1	0.184	0.41	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E843119		54	1.8	8.1	30	66.8	
E843120		1	<0.1	2	<2	30.8	
E843121		59	3.8	12.1	71	64.7	
E843122		57	3.7	9.8	26	63.2	
E843123		40	1.9	6.7	251	36.7	
E843124		52	2.8	9.1	39	61.9	
E843125		58	6.2	24.7	33	143.5	
E843126		64	5.3	15.8	10	107	
E843127		64	4.8	12.1	6	80.3	
E843128		67	6.6	11	11	72	
E843129		1	<0.1	1.8	<2	30.1	
E843130		77	5.9	12.4	155	77.5	
E843131		85	7.5	12.4	125	82.9	
E843132		71	7.7	11.4	89	74.7	
E843133		83	7.9	12.5	70	81.9	
E843134		82	6.8	11.3	69	80.7	
E843135		87	6.7	12.7	92	80.5	
E843136		88	5.9	12.1	62	79.1	
E843137		85	5.5	9.7	41	68.4	
E843138		92	7.6	11.8	68	81.9	
E843139		77	6.4	13.1	25	73.5	
E843140		80	6	9.9	14	76.5	
E843141		79	6.1	15.6	15	76.2	
E843142		78	6.9	16.1	21	80.8	
E843143		79	7.8	13	13	77.4	
E843144		79	6.8	14.2	12	80.1	
E843145		83	6.3	15.6	19	78	
E843146		202	3	24.5	52	152.5	
E843147		78	6.1	12.3	13	70.3	
E843148		78	4.9	11.4	12	78	
E843149		82	5.4	11.5	6	77.2	
E843150		67	7.1	12.3	<2	71.8	
E843151		72	4.8	10.5	<2	76.3	
E843152		59	3.3	9.1	<2	64.4	
E843153		77	4.4	12.8	3	71.1	
E843154		72	4.5	11.5	2	66.7	
E843155		76	3.8	10	2	64.5	
E843156		76	5.4	12.6	2	71	
E843157		81	4.8	13.1	3	76.8	
E843158		80	4.7	12.9	3	70.5	

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method / Analyte / Units / LOR — Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E843159	4.76	0.011	0.19	8.2	9.6	490	3.76	0.08	2.65	<0.02	78.8	22	49	3.29	3.9
E843160	4.80	<0.005	0.08	7.6	4.2	2150	3.71	0.04	3.13	0.02	83.3	20.1	43	3.26	1.7
E843161	5.10	0.005	0.03	7.86	3	550	3.67	0.03	2.89	<0.02	51.6	21.5	45	3.95	0.7
E843162	5.00	<0.005	0.02	7.59	2.4	600	3.22	0.04	3.77	<0.02	83.3	21.3	42	3.44	0.6
E843163	5.30	<0.005	0.05	7.61	2.9	910	3.19	0.04	3.72	<0.02	92.6	18.8	44	3.23	1.8
E843164	4.44	<0.005	0.21	7.16	5.6	820	2.54	0.06	3.88	<0.02	94	28.4	42	3.26	5.2
E843165	0.08	<0.005	0.01	0.06	0.3	10	<0.05	<0.01	0.01	<0.02	2.47	0.1	1	<0.05	1.3
E843166	4.80	<0.005	0.28	7.35	7.1	720	1.95	0.07	2.65	<0.02	124	38.8	44	5.03	5.7
E843167	5.28	0.005	0.06	7.43	4.6	760	2.07	0.06	2.43	<0.02	84.8	31.8	47	6.81	0.6
E843168	5.04	<0.005	0.05	7.51	5.3	590	1.85	0.13	2.47	<0.02	71.1	29.2	44	5.49	0.3
E843169	3.74	0.005	0.05	7.46	6	690	2.07	0.14	1.87	<0.02	98.7	29.4	46	5.09	0.4
E843170	4.66	<0.005	0.09	6.79	5.5	650	1.33	0.24	2.94	<0.02	66.7	21	41	3.31	1.5
E843171	4.16	<0.005	0.11	6.19	5.5	750	1.46	0.3	3.16	<0.02	64.3	22.5	33	3.03	2
E843172	5.14	<0.005	0.71	6.8	5.6	750	1.74	0.31	2.63	<0.02	46.7	22.7	39	2.99	4
E843173	4.50	0.005	0.15	6.19	5.1	590	1.31	0.17	3.68	<0.02	49.7	22	35	2.62	5.7
E843174	0.06	0.026	0.35	6.84	21.7	50	9.93	12.6	1.76	0.06	18	37	49	0.82	126
E843175	4.70	<0.005	0.07	6.97	7.7	730	2.34	0.22	2.85	<0.02	88.3	27.6	42	3.85	3.6
E843176	3.48	0.005	0.07	7.25	6.5	800	2.48	0.25	2.67	<0.02	96.3	28.4	41	3.79	0.7
E843177	0.06	<0.005	0.01	0.06	0.3	10	<0.05	<0.01	0.02	0.02	2.79	0.1	<1	<0.05	0.7
E843178	4.36	<0.005	0.21	7.47	5.4	720	2.79	0.76	2.59	<0.02	100.5	33.9	45	4.17	1.4
E843179	4.52	<0.005	0.05	6.9	4.6	920	1.9	0.12	2.35	<0.02	99.3	29.6	37	3.31	2.8
E843180	5.80	<0.005	0.08	6.91	4.5	590	2.36	0.13	2.69	<0.02	61.8	22.3	37	3.5	1.3
E843181	5.46	<0.005	0.76	7.2	6.4	490	2.8	3.96	3.12	<0.02	65.3	28.5	43	4.19	2.5
E843182	3.30	0.005	0.19	6.78	6.7	500	3.1	0.76	3.43	<0.02	115.5	26.8	36	4.44	0.9
E843183	5.70	<0.005	0.1	7.17	4.3	460	3.23	0.29	3.63	<0.02	103	30.1	36	4.6	0.7
E843184	4.60	<0.005	0.1	6.94	6.1	440	3.34	0.23	3.68	<0.02	105	33.5	38	4.53	4
E843185	4.82	<0.005	0.05	6.6	4.7	310	2.33	0.44	4.71	<0.02	79.3	15	33	2.89	0.6
E843186	6.32	<0.005	0.07	6.57	4.3	420	3.05	0.17	2.78	0.02	64.7	18.4	41	3.38	1.2
E843187	6.02	<0.005	0.11	6.99	4.1	430	3.32	0.43	3.09	<0.02	92.4	19.4	42	3.63	1.5
E843188	7.46	<0.005	0.06	6.49	4.9	480	2.25	0.24	3.07	0.02	70.2	20.2	41	3.23	1.2
E843189	5.64	0.014	0.06	6.56	7.4	1070	2.48	0.22	2.56	0.03	104	28.9	42	3.79	1.2
E843190	5.40	0.017	0.05	6.65	5.7	790	2.32	0.26	2.95	<0.02	84	32.1	41	4.46	2.1
E843191	5.42	0.022	0.06	6.79	5.7	530	2.76	0.37	3.38	<0.02	87.4	35	38	4.29	3.5
E843192	0.06	0.005	0.03	0.11	0.3	20	<0.05	0.06	0.05	0.04	2.8	0.4	2	0.05	1.6
E843193	5.68	0.016	0.01	7.39	6.5	580	2.9	0.44	4.21	0.02	92.5	30.7	41	4.86	0.9
E843194	2.52	0.008	0.02	7.11	5.6	860	2.96	0.23	2.64	0.03	91.2	44.8	44	5.98	2.5
E843195	2.68	0.013	0.06	7.74	6.1	840	3.18	0.25	2.66	0.02	93	48	47	6.11	3.3
E843196	5.94	0.012	0.17	7.25	6.2	600	2.88	0.28	2.79	0.02	92.4	31.7	46	4.93	8.2
E843197	5.32	0.006	0.08	7.27	6.5	1070	1.58	0.18	1.68	<0.02	51.8	13.5	45	2.04	8.7
E843198	5.56	<0.005	0.04	7.12	8.2	1760	0.59	0.1	0.8	<0.02	4.21	36.8	41	0.89	10.3

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Finalized Date: 13-DEC-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843159	5.04	24.3	0.06	2.4	0.117	5.09	41.1	59	2.43	965	3.07	0.05	4.1	37.7	750
E843160	4.66	22.7	0.06	2.4	0.112	4.55	43.5	53.2	2.71	1120	1.47	0.04	4.2	33.8	680
E843161	4.59	24.2	0.05	2.5	0.109	4.64	28	55.4	2.87	935	1.16	0.05	4.3	40.1	740
E843162	4.18	21.2	0.06	2.3	0.109	4.78	45.6	45.5	3.27	1190	1.09	0.05	3.4	31.9	680
E843163	4.5	19.65	0.06	2.4	0.111	5.46	52.5	47.4	3.17	1220	1.34	0.05	3.7	27.8	680
E843164	5.7	19.4	0.08	2.4	0.105	5.33	52.7	43	3.38	1450	2.47	0.05	3.4	32.2	660
E843165	0.03	0.18	<0.05	0.9	<0.005	0.01	1.4	2.1	0.01	<5	0.08	<0.01	0.1	0.5	20
E843166	6.19	20.2	0.1	2.4	0.051	5.58	70.8	36.7	3.48	974	3.65	0.05	4.7	41.2	680
E843167	5.47	22	0.07	2.6	0.036	5.7	47.5	45.2	3.68	760	1.32	0.05	6.1	34.2	650
E843168	5.64	20.1	0.05	2.8	0.027	5.98	38.6	43.8	4.09	802	1.77	0.05	6.4	35.1	650
E843169	5.54	22.5	0.09	2.9	0.031	5.45	53.8	48.8	4.08	621	1.65	0.04	6.4	34.5	650
E843170	5.78	18.05	0.06	2.4	0.031	5.22	36.9	36.3	3.55	1000	1.64	0.05	5.1	28.5	600
E843171	7.47	17.05	0.08	2.2	0.041	4.5	34.7	38.4	3.75	1240	2.28	0.04	4.6	29.9	600
E843172	7.53	19.1	0.06	2.4	0.036	5.35	25	40.8	3.4	953	2.57	0.05	4.2	30.7	670
E843173	5.37	15.05	0.06	2.2	0.037	5.09	26.2	36.4	3.74	1240	2.42	0.05	3.2	27.4	620
E843174	2.21	71	<0.05	5.2	0.044	0.25	8.8	341	9.2	362	41.1	0.07	11.8	181.5	1000
E843175	6.58	19.05	0.09	2.3	0.06	5.44	49.2	45.7	3.32	1050	3.04	0.04	4.5	29	710
E843176	6.04	19.85	0.08	2.4	0.062	5.47	54.9	36.8	3.14	943	1.79	0.04	4.5	27.8	690
E843177	0.03	0.22	<0.05	0.9	<0.005	0.01	1.6	2.1	0.01	<5	0.09	<0.01	0.2	0.4	30
E843178	5.74	21.2	0.1	2.7	0.067	5.03	57.3	44.4	3.43	948	1.67	0.04	5	33	680
E843179	5.37	18.2	0.08	2.7	0.08	5	56.7	33.3	2.95	903	2.31	0.04	5.6	32.9	580
E843180	5.14	18.8	0.06	2.4	0.074	4.6	33.7	40.8	3.12	921	1.2	0.04	5.6	30.7	620
E843181	5.57	20.8	0.1	2.6	0.101	4.43	35.4	50.5	3.56	1010	1.67	0.04	7	33.1	630
E843182	5.75	19.6	0.11	2.3	0.095	4.77	65.3	41.3	3.27	1170	2.02	0.04	7.3	28.4	720
E843183	4.57	19	0.09	2.5	0.106	4.79	54.6	39.4	3.55	1190	1.88	0.04	7.7	26	730
E843184	5.11	20.2	0.1	2.6	0.11	4.86	55.3	42.2	3.41	1320	1.74	0.04	7.8	29	670
E843185	5.59	18.25	0.08	2.4	0.09	4.74	43.1	38.4	3.28	1460	1.89	0.04	6.9	19.9	690
E843186	4.3	19.8	0.13	2.3	0.107	4.76	34.4	42.1	2.28	937	1.66	0.04	8.1	27.6	610
E843187	4.43	19.75	0.16	2.5	0.1	4.82	52.4	39.7	2.5	1085	1.66	0.04	7.6	25.6	640
E843188	5.49	16.35	0.13	2.5	0.068	5.46	39.7	30.3	2.42	1115	1.39	0.04	7.3	19.8	640
E843189	5.69	17.3	0.14	2.2	0.089	5.2	60.8	31.5	2.44	941	1.97	0.04	5	25.9	600
E843190	5.74	17.05	0.14	2.1	0.054	4.73	51	34.1	2.94	987	1.4	0.04	6.1	25.6	590
E843191	5.8	18.9	0.14	2.3	0.076	5.02	52.1	42.6	3.25	1180	2.04	0.04	7	30	600
E843192	0.11	0.27	<0.05	0.8	0.011	0.05	1.7	2.3	0.04	14	0.07	<0.01	0.2	0.7	10
E843193	6.39	19.5	0.18	2.5	0.083	4.78	56.1	40	3.39	1455	2.03	0.05	7	26.8	640
E843194	5.62	19.8	0.15	2.3	0.076	5.09	54.1	49.8	3.09	890	1.02	0.03	8.5	37.8	620
E843195	6.16	20.9	0.15	2.4	0.075	5.43	54.5	50.8	3.3	892	1.05	0.04	8.2	40.9	680
E843196	6.24	20.1	0.16	2.4	0.074	4.77	54.5	42.3	2.75	1005	1.89	0.04	6.5	38.3	680
E843197	7.83	11.35	0.16	1.2	0.055	5.22	37.6	33.8	1.24	635	3.95	0.06	4.8	12.3	850
E843198	7.11	4.23	0.14	0.6	0.028	4.48	2.5	11.7	0.47	348	4.64	0.07	2.9	6.5	810

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method / Analyte / Units / LOR / Sample Description	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
E843159	6.2	358	<0.002	0.34	3.63	13.1	<1	3	19.2	0.32	<0.05	14.4	0.19	1.6	15.3
E843160	3.6	329	<0.002	0.22	2.69	12.8	<1	3.1	41.3	0.32	<0.05	14.5	0.185	0.62	4.5
E843161	2.1	356	<0.002	0.02	2.57	13.1	<1	3.1	20	0.33	<0.05	16.6	0.196	0.43	4.5
E843162	2.1	318	0.003	0.01	2.09	11.8	<1	2.8	24.6	0.26	<0.05	14.9	0.169	0.37	5.1
E843163	2.8	322	<0.002	0.11	2.17	11.9	<1	2.8	25	0.3	<0.05	15.2	0.175	0.57	4.6
E843164	5.7	242	<0.002	0.53	3.01	11.2	1	2.6	26	0.28	<0.05	15.2	0.165	1.44	7.2
E843165	1.1	0.5	<0.002	0.01	<0.05	0.1	<1	<0.2	2.1	<0.05	<0.05	0.3	0.005	<0.02	0.2
E843166	6.9	172	<0.002	0.56	3.57	11.6	2	3.2	20.9	0.42	<0.05	15.7	0.205	1.37	17.4
E843167	3.3	169	<0.002	0.01	2.92	12.8	<1	3.9	25	0.54	<0.05	16.1	0.231	0.42	7.5
E843168	3.6	169	<0.002	0.01	2.75	11.8	<1	3.6	18.9	0.55	<0.05	15.2	0.248	0.34	9.5
E843169	3.3	189.5	<0.002	0.01	3.06	12.4	<1	3.9	18.1	0.56	<0.05	15.5	0.242	0.34	12.3
E843170	3.7	138.5	<0.002	0.01	2.53	11.1	<1	3.4	20.8	0.44	0.05	13.8	0.199	0.31	8.7
E843171	3.8	134.5	<0.002	0.06	2.4	10.4	<1	4.1	22.5	0.37	<0.05	13.1	0.172	0.38	8.9
E843172	3.7	146.5	<0.002	0.04	2.69	11.2	<1	4.2	18.4	0.36	0.07	15.2	0.18	0.37	8.6
E843173	3.6	124	0.003	0.08	2.22	11	<1	2.9	22.9	0.3	<0.05	13.5	0.147	0.44	10.9
E843174	189.5	9.3	0.004	0.13	0.73	11.9	3	3.9	27.7	1.11	0.12	16.8	0.255	0.17	1960
E843175	3.4	185	<0.002	0.01	2.75	12	<1	4.2	18	0.39	<0.05	14.9	0.202	0.36	7.1
E843176	3.6	178.5	<0.002	0.01	2.4	12	<1	3.9	16.9	0.39	0.05	15.2	0.196	0.35	4.2
E843177	1	1.8	<0.002	0.01	<0.05	0.1	<1	0.2	2.1	<0.05	<0.05	0.5	0.006	<0.02	0.3
E843178	3	199	<0.002	0.01	2.36	12.7	1	4.2	17.2	0.44	0.2	16.2	0.213	0.36	7.5
E843179	3.1	172	<0.002	0.01	2.12	11.4	<1	3.7	17.4	0.49	<0.05	15.4	0.202	0.31	8.9
E843180	4.8	225	<0.002	0.03	2.02	11.1	1	3.4	16.5	0.45	<0.05	14.7	0.213	0.35	10.4
E843181	11.3	282	<0.002	0.03	2.53	12.3	5	4	16.2	0.57	2.16	15.2	0.247	0.35	12.3
E843182	4.5	244	<0.002	0.01	2.58	11.4	1	3.9	18.1	0.6	0.18	15.1	0.245	0.35	6.4
E843183	3.7	235	<0.002	<0.01	2.47	11.7	1	3.5	19.3	0.65	0.05	15.3	0.275	0.38	7
E843184	4.1	257	<0.002	0.08	3.29	12.1	<1	3.7	17.3	0.64	0.05	15.4	0.262	0.62	4.7
E843185	3	213	<0.002	0.01	2.28	10.7	<1	3.7	19.2	0.57	0.07	14.8	0.239	0.37	4
E843186	3.6	195.5	<0.002	<0.01	2.54	10.7	1	3.5	16.1	0.69	<0.05	13.8	0.241	0.4	5
E843187	4.2	276	0.002	<0.01	2.65	11.4	1	3.4	17.7	0.65	0.15	16	0.241	0.4	5.6
E843188	3.6	225	<0.002	<0.01	2.66	10.3	1	3.4	17.9	0.64	0.08	15	0.24	0.39	5.3
E843189	4.4	183.5	<0.002	0.02	2.92	10.6	1	3.3	34.5	0.43	0.06	13.6	0.194	0.38	7.7
E843190	3.6	197	0.002	0.01	2.95	10.6	1	3.3	20.1	0.53	0.08	13.8	0.213	0.39	4.9
E843191	3.8	220	<0.002	0.04	3.53	11.1	1	3.6	19.4	0.61	0.08	13.6	0.22	0.44	6.3
E843192	1	2.2	<0.002	0.01	0.05	0.4	2	0.2	2.3	<0.05	<0.05	0.4	0.007	<0.02	0.3
E843193	4.1	230	0.002	<0.01	3.63	12.3	1	3.8	22.4	0.59	0.08	15.6	0.245	0.46	5.8
E843194	4.1	280	<0.002	0.02	3.53	13	1	3.8	22.3	0.72	0.06	14.9	0.251	0.46	8.9
E843195	4.4	289	<0.002	0.01	3.83	12.9	1	3.8	21.5	0.71	0.06	15.2	0.273	0.46	8.8
E843196	7	188.5	0.002	0.03	3.45	12.1	2	3.7	15.6	0.59	0.09	14	0.222	0.53	21.4
E843197	3.7	171	0.003	0.16	3.05	11.2	1	5.7	17	0.33	<0.05	9.4	0.161	0.38	6.5
E843198	1.9	102	<0.002	0.18	2.03	4.8	1	2.7	22.5	0.22	<0.05	3.8	0.119	0.3	1.9

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CERTIFICATE OF ANALYSIS VA07124177

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E843159		80	4.9	12.9	3	71.6	
E843160		77	5.3	13.5	3	70.3	
E843161		80	5.8	12.9	3	72.2	
E843162		75	5.4	13.4	3	68.7	
E843163		79	5.4	13.9	3	71.1	
E843164		72	5.9	13.9	6	71	
E843165		<1	<0.1	1.8	3	25.3	
E843166		72	4.4	14.8	12	71.3	
E843167		76	3.3	15.8	13	76.9	
E843168		75	3.4	10.4	16	83.4	
E843169		79	3.9	12.4	19	87.7	
E843170		67	4	12.1	13	72.6	
E843171		69	5.1	11.4	14	65.9	
E843172		70	12.3	11.1	12	70.6	
E843173		61	4.6	12.1	10	64.1	
E843174		263	3.1	36.6	43	151	0.19
E843175		73	5.3	12.9	10	69.6	
E843176		76	4.4	12.9	8	72.9	
E843177		<1	<0.1	2	4	26.3	
E843178		78	5.8	13.3	10	77.9	
E843179		67	4.1	15.7	9	80.7	
E843180		67	4.6	12.9	7	72.3	
E843181		72	5.2	15.3	9	76	
E843182		68	5.3	13.6	7	70.2	
E843183		70	3.5	15.9	8	75.7	
E843184		70	3.6	17.1	8	78.4	
E843185		68	3.9	16.2	3	70.9	
E843186		67	3.1	13.3	6	73.3	
E843187		67	2.9	15.6	11	77.6	
E843188		63	4.1	13.3	7	78.2	
E843189		62	4.7	13.7	9	67.4	
E843190		61	4.7	13.3	10	67.4	
E843191		68	4.9	14.2	11	72.7	
E843192		1	0.1	1.8	6	25	
E843193		73	5.5	16.7	12	78.4	
E843194		69	5.7	14.3	14	72.6	
E843195		76	5.8	14.6	15	75.5	
E843196		70	8.9	13.9	10	72.9	
E843197		33	9.9	8.2	5	39.3	
E843198		4	6.5	3	3	18.7	

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E843199	5.62	<0.005	0.03	7.9	7.4	600	1.49	0.07	0.57	<0.02	4.62	12.3	53	1.67	8.2
E843200	4.32	0.005	0.06	7.48	6.5	720	1.49	0.09	1.28	<0.02	61.8	18.7	50	2.53	15.7
E843201	4.14	0.013	0.31	0.71	18.1	80	0.34	0.53	0.05	<0.02	105.5	1.2	19	0.27	15.4
E843202	4.32	0.009	0.17	6.25	6.8	550	1.4	0.12	0.9	0.03	53.2	36.9	38	2.9	21.8
E843203	4.74	<0.005	0.08	6.51	6.9	420	1.52	0.19	1.69	<0.02	58.2	36.8	35	3.23	16.8
E843204	6.48	<0.005	0.05	6.51	3.7	430	3.26	0.03	0.44	<0.02	22	44.5	35	4.39	4.6
E843205	4.54	<0.005	0.09	7.05	2.8	200	2.73	0.1	1.19	<0.02	11.8	47.6	40	3.36	7.9
E843206	5.50	0.015	0.36	6.1	5.4	480	1.82	0.44	3.02	<0.02	68.6	26.7	33	2.52	81.2
E843207	0.04	<0.005	0.02	0.08	0.3	10	<0.05	<0.01	0.02	0.02	2.76	0.3	2	<0.05	1.7
E843208	3.56	0.008	0.18	6.37	13.6	300	2.32	0.31	2.66	<0.02	102.5	39	34	3.32	28.2
E843209	5.00	0.007	0.08	6.88	7.8	440	2.45	0.34	2.71	0.02	100	37.8	39	3.26	8
E843210	2.06	0.016	0.13	6.86	6.9	300	3.01	0.18	3.84	<0.02	187.5	29.2	39	2.91	9
E843211	5.42	0.006	0.06	8.19	5	290	2.41	0.07	0.79	0.02	43.7	117.5	91	2.31	603
E843212	5.84	<0.005	0.1	8.31	9.1	230	3.2	0.12	0.9	<0.02	35.9	103	71	2.05	534
E843213	2.64	0.008	0.07	7.74	4.6	300	2.83	0.11	0.38	0.02	29.5	99.6	88	2.82	792
E843214	2.18	0.008	0.09	7.42	4	320	2.5	0.16	0.36	<0.02	27.2	99.7	81	2.85	840
E843215	6.12	0.015	0.17	8.03	6.8	640	2.68	0.25	0.52	0.02	41.8	142	91	2.14	1980
E843216	6.02	0.007	0.07	7.73	5.9	270	2.6	0.13	0.19	0.02	20.2	163	94	1.77	789
E843217	5.54	0.006	0.11	7.87	7.2	250	3.8	0.26	0.16	0.46	37.4	172	88	2.76	1010
E843218	5.20	0.005	0.17	6.97	9.6	430	3.76	0.17	0.48	1.02	96.9	136.5	21	2.48	683
E843219	5.94	<0.005	0.1	7.46	4.9	310	4.42	0.11	0.45	<0.02	94.6	113	24	3.51	286
E843220	5.86	0.012	0.23	7.05	7.7	680	3.44	0.33	0.81	<0.02	130.5	111	13	2.03	2810
E843221	5.52	0.012	0.3	7.41	9.2	780	2.47	0.44	0.78	<0.02	107	143	8	1.79	3690
E843222	5.16	0.047	0.31	6.61	14.1	410	1.39	0.46	2.99	0.04	157.5	134.5	13	1.53	3450
E843223	4.80	<0.005	0.07	6.35	8.3	410	1.72	0.09	3.58	0.04	116.5	35	33	2.11	145.5
E843224	5.76	<0.005	0.07	6.1	11.9	530	0.58	0.1	3.63	0.16	87	13.2	32	1.37	97.3
E843225	0.06	<0.005	0.01	0.06	0.4	10	<0.05	<0.01	0.02	0.11	2.47	0.1	1	<0.05	1.8
E843226	5.24	0.012	0.16	6.18	7.1	400	0.48	0.33	1.6	0.06	91.5	65.9	34	1.52	2550
E843227	4.62	0.014	0.17	5.57	6.2	380	0.37	0.31	2.41	0.05	93.8	37.2	28	1.31	3770
E843228	5.04	<0.005	0.06	5.59	6.4	530	0.38	0.04	4.19	0.05	108	8.3	27	1.03	90.4
E843229	0.08	0.023	0.31	6.81	18.9	50	9.22	12.15	1.7	0.09	15.05	34.5	46	0.75	129.5
E843230	5.14	<0.005	0.06	5.93	6.9	580	0.43	0.06	4.28	<0.02	75.7	11.8	28	1.13	32.4
E843231	1.30	<0.005	0.03	6.59	5.5	680	1.1	0.05	3.72	<0.02	102.5	21.1	34	1.75	23.1
E843232	1.34	<0.005	0.05	6.52	5.2	670	0.88	0.05	3.94	0.02	89.8	18.5	32	1.72	8
E843233	4.34	0.009	0.05	7.05	3.9	260	3.26	0.13	4.01	<0.02	135.5	21.8	42	3.15	5.7
E843234	4.48	0.010	0.07	6.97	3.3	320	3.23	0.17	3.82	<0.02	126.5	21.6	38	2.91	4.9
E843235	5.18	0.050	0.14	6.67	3.5	2030	1.19	0.22	1.08	<0.02	27.4	89.7	42	2.35	10.7
E843236	5.26	0.031	0.09	6.33	3.1	3770	1.1	0.11	2.07	0.03	34	47	38	1.84	4

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843199	6.89	7.06	0.12	0.6	0.03	5.13	2.6	27.1	0.69	220	1.34	0.08	4.4	5.5	830
E843200	7.3	17	0.17	1.6	0.037	5.36	37.4	35.9	1.34	457	3.72	0.06	4.1	19.1	790
E843201	33.3	2.89	0.38	0.7	0.009	0.37	89.5	4.2	0.07	16	19.7	0.01	6.9	3.6	990
E843202	8.55	13.4	0.17	2.2	0.035	4.31	43.2	38.6	2.5	383	7.04	0.04	4.9	30.7	840
E843203	6.8	16.7	0.17	2.1	0.038	4.33	34.9	41	3.43	623	1.08	0.04	4.2	30.6	720
E843204	10.55	17.35	0.21	0.8	0.042	3.4	12.2	62	3.79	217	0.96	0.02	6.7	17.7	480
E843205	9.8	18.35	0.18	0.6	0.066	3.18	6.7	62.5	4.66	534	1.13	0.03	4.5	18.6	400
E843206	7.55	15.5	0.19	1.6	0.074	3.99	43.5	36	3.16	1055	5.58	0.04	3.2	23.3	650
E843207	0.07	0.21	<0.05	0.9	0.005	0.02	1.7	2.1	0.02	7	0.09	<0.01	0.2	0.5	10
E843208	7.26	17.05	0.16	1.9	0.061	3.74	59	58.3	4.22	863	4.7	0.04	3.9	38	790
E843209	7.08	17.9	0.16	1.9	0.069	3.97	57.7	57.8	3.88	953	1.42	0.04	4.6	29.8	760
E843210	6.9	19.25	0.22	1.8	0.119	4	109.5	60.9	3.92	1405	3.23	0.04	5.8	32.2	870
E843211	11.15	22.5	0.18	1.7	0.074	2.18	25.1	116.5	6.9	640	3.82	0.02	3	101.5	640
E843212	12.45	22.5	0.2	2.3	0.082	2.93	19.4	111	6.16	752	4.89	0.03	4.9	77.2	960
E843213	9.68	20.9	0.15	1.5	0.074	2.92	16.3	103	6.19	472	3.14	0.03	3.7	81.7	730
E843214	9.19	21.4	0.19	1.5	0.065	3.04	15.3	83	6.15	460	2.96	0.03	3.2	84.1	710
E843215	10.25	21.9	0.19	1.6	0.094	2.66	23.9	79.4	6.18	591	4.58	0.02	2.1	85.8	670
E843216	11.95	17.7	0.17	1.2	0.058	2.01	11.9	67.8	6.3	494	4.22	0.01	1.6	79.3	660
E843217	11.45	24.5	0.24	1.8	0.083	1.97	21.6	102	6.8	488	4.98	0.02	2.2	84	690
E843218	9.71	20.9	0.25	4.7	0.101	2.73	52.7	76.9	4.56	365	7.77	0.02	6.1	31.1	2340
E843219	9.37	28.6	0.26	4	0.191	3.3	51.4	81.2	5.23	384	5.15	0.02	5.1	31.7	1950
E843220	10.2	22	0.28	4.5	0.09	4.38	76.7	52.1	3.6	480	10.4	0.03	3.9	25.1	2250
E843221	10.65	23.6	0.29	4.9	0.095	4.67	62.9	60.3	3.95	685	11.85	0.03	4.9	33.6	2450
E843222	6.53	17.75	0.25	4.3	0.139	4.06	91.9	48.4	4.74	1320	10.85	0.04	4	36.1	1780
E843223	6.18	15.05	0.22	1.9	0.125	6.19	66.1	24.9	2.92	1445	1.89	0.07	3.7	23.9	700
E843224	6.45	11.9	0.19	1.7	0.162	5.57	47.4	5.2	1.91	1455	2.53	0.08	3.5	7.9	710
E843225	0.03	0.13	<0.05	0.8	0.074	0.01	1.4	1.7	0.01	7	0.14	0.02	0.2	0.3	<10
E843226	9.35	16.45	0.21	1.8	0.106	4.96	51.6	27	2.93	783	3.1	0.05	2.6	38.9	730
E843227	7.94	11	0.19	1.6	0.096	4.84	53.7	16.3	2.42	1020	2.97	0.06	2.5	23.1	630
E843228	5.42	8.76	0.18	1.6	0.095	5.3	58.1	1.4	2.05	1795	1.54	0.07	2.7	2.3	650
E843229	2.1	63.4	0.11	4.5	0.043	0.24	7.2	318	8.39	345	39.4	0.08	11.9	176	1060
E843230	5.57	9.85	0.17	1.7	0.069	7.61	39.4	3	2.07	1715	1.95	0.08	2.6	3.9	630
E843231	5.96	17.55	0.17	2.1	0.08	5.75	55.5	13.9	2.26	1320	1.63	0.07	3.3	11.4	710
E843232	6.02	16.2	0.16	2	0.09	5.18	48.2	12.6	2.37	1395	1.85	0.07	3.3	10.9	710
E843233	5.12	19.9	0.2	2.1	0.116	4.31	77.3	51.8	2.78	1495	2.35	0.05	7.8	29	680
E843234	4.96	18.4	0.17	2.2	0.106	4.29	71.9	55.7	2.78	1370	1.59	0.05	8.2	25.2	740
E843235	8.21	16.8	0.14	2.2	0.028	5.1	15.6	43.5	2.93	455	7.4	0.04	6.6	36.7	760
E843236	7.48	15.25	0.15	2	0.038	5.75	19.3	26.1	2.29	831	4.24	0.04	5.4	26.7	680

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E843199	1.6	181.5	<0.002	0.1	2.27	4.3	1	3.6	6.5	0.34	<0.05	3.7	0.152	0.25	2
E843200	2.1	217	0.003	0.06	2.04	9.7	1	4.1	10.4	0.31	<0.05	10.6	0.159	0.3	5.3
E843201	5.2	21.6	<0.002	0.05	6.54	2.8	2	9.1	8.9	0.28	0.63	16.1	0.117	0.5	4.9
E843202	2.5	165	<0.002	0.01	3.05	9.4	1	4.2	12.8	0.41	0.19	14.6	0.165	0.42	3.4
E843203	2.5	164.5	<0.002	0.01	2.64	11.4	1	2.8	13.4	0.38	0.05	15.2	0.175	0.3	3.8
E843204	1.7	129.5	<0.002	0.01	3.47	10.8	1	3.7	5.6	0.51	<0.05	11.4	0.185	0.35	0.8
E843205	1.5	172.5	<0.002	<0.01	2.36	11	1	3	7.2	0.39	<0.05	13.9	0.176	0.29	0.7
E843206	4.4	178.5	<0.002	0.02	2.25	10.4	2	3.4	14.8	0.27	0.18	12.3	0.143	0.26	4.4
E843207	0.9	0.9	<0.002	0.01	<0.05	0.2	1	0.5	1.9	<0.05	<0.05	0.4	0.006	<0.02	0.2
E843208	3.7	176.5	<0.002	0.02	2.42	11.6	2	3.1	15.6	0.31	0.1	15.5	0.176	0.26	4.4
E843209	2.4	193.5	<0.002	0.01	2.17	12	1	2.7	17.2	0.38	0.05	15.6	0.18	0.27	4
E843210	2.5	217	0.003	0.01	2.04	13.1	1	3.4	15.1	0.44	0.1	15.3	0.209	0.27	6.2
E843211	1.5	94.4	<0.002	0.07	2.45	37.5	<1	0.9	5.1	0.21	<0.05	2.9	0.377	0.17	2.1
E843212	2	77.3	<0.002	0.07	2.47	26.7	1	2.3	5.6	0.39	<0.05	8.3	0.315	0.23	2.9
E843213	1	106	<0.002	0.06	2.56	36.5	<1	1.1	4.2	0.25	<0.05	3.8	0.399	0.16	1.6
E843214	1.2	111	<0.002	0.06	2.53	35.4	1	1.1	5.2	0.22	<0.05	3	0.346	0.19	1.6
E843215	1.5	109.5	0.002	0.31	2.53	39.9	2	0.9	7.8	0.15	<0.05	2.1	0.327	0.12	1.4
E843216	1.4	93.5	0.003	0.19	2	33.4	1	0.6	2.7	0.12	<0.05	1.6	0.34	0.08	1
E843217	1.4	88	0.006	0.17	2.64	47.7	2	1.5	3.3	0.16	0.05	2.9	0.313	0.13	1.3
E843218	2.4	85.8	0.006	0.14	3.45	25.8	2	2.7	8.1	0.48	0.05	12.2	0.407	0.16	6.8
E843219	8.6	133.5	0.002	0.06	3.15	27.8	2	4.2	6.6	0.42	0.05	10.5	0.332	0.26	3.5
E843220	2.7	118	0.002	0.22	3.15	26.3	2	2.1	9.2	0.32	0.06	12	0.325	0.19	4.9
E843221	3.4	110	<0.002	0.14	3.38	22.5	2	2.5	10	0.39	0.05	12.2	0.358	0.31	7.1
E843222	2.9	112	<0.002	0.21	2.67	23.7	1	1.5	14.4	0.28	0.06	10.7	0.23	0.19	4.9
E843223	2.9	140.5	<0.002	<0.01	1.71	11.5	1	2.6	16.2	0.29	<0.05	14.5	0.143	0.28	3.7
E843224	3.3	92.3	<0.002	0.03	1.83	9.7	<1	2.3	17.2	0.28	<0.05	14.9	0.147	0.3	2.5
E843225	1	0.3	<0.002	<0.01	<0.05	0.2	1	0.2	1.8	<0.05	<0.05	0.4	0.005	<0.02	0.2
E843226	2.6	74.5	<0.002	0.12	1.26	9.3	1	2	8.6	0.23	0.05	15.4	0.145	0.22	3
E843227	3.2	74.1	<0.002	0.19	1.14	8.6	1	1.5	10.1	0.22	<0.05	14.7	0.13	0.21	3.7
E843228	2	88.9	<0.002	<0.01	0.93	8.9	<1	1.4	16.3	0.21	<0.05	15	0.107	0.23	2.2
E843229	159.5	8	0.005	0.11	0.69	11.4	2	3.7	25.9	1.09	0.11	16.5	0.242	0.16	1890
E843230	2.3	120.5	<0.002	0.02	1.12	9.6	1	1.6	18.8	0.23	<0.05	16.4	0.115	0.33	2.4
E843231	2.1	127	<0.002	0.01	1.37	10.6	1	3.6	19.4	0.27	<0.05	17.6	0.13	0.44	3.3
E843232	2.1	106	<0.002	0.02	1.33	9.6	<1	3.4	19	0.26	<0.05	16.3	0.134	0.44	3.3
E843233	2.2	280	<0.002	<0.01	2.6	11.7	<1	3.8	12.5	0.59	<0.05	15.1	0.234	0.33	4.3
E843234	2.1	272	<0.002	<0.01	2.32	11.8	<1	3.8	12.3	0.6	0.06	15.8	0.23	0.29	3.5
E843235	2.7	148.5	<0.002	0.01	1.99	9.5	1	3.1	18.9	0.51	0.11	14.9	0.2	0.25	4.7
E843236	2.9	135.75	<0.002	0.05	1.88	10.1	<1	3.2	42.4	0.4	0.06	14	0.183	0.24	5.1

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Finalized Date: 13-DEC-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E843199		4	10.3	2.9	6	17.2	
E843200		44	9.6	8.1	7	47.5	
E843201		105	9.6	2.4	<2	20.6	
E843202		60	10.7	7.7	26	67.7	
E843203		73	6.4	8.2	44	67.2	
E843204		21	2.5	3.1	20	22	
E843205		12	2.1	2.8	20	16.1	
E843206		60	6.6	9.9	12	51	
E843207		1	0.1	1.9	5	27.3	
E843208		83	5.6	10.1	18	61.2	
E843209		58	4.5	11.3	14	61.4	
E843210		73	4.9	15.6	14	63.5	
E843211		308	3.8	10.4	55	58.9	
E843212		212	3.6	9.6	53	76.8	
E843213		281	2.1	8.3	37	54.3	
E843214		275	2	8.6	37	56	
E843215		315	1.8	7.2	32	58.2	
E843216		321	1.6	7.1	30	43.8	
E843217		315	1.2	8.4	32	65.4	
E843218		166	1.9	16.3	69	191.5	
E843219		173	4.8	10.9	26	148	
E843220		198	2.6	15.9	20	165	
E843221		180	2.7	25.5	32	179.5	
E843222		195	5.9	24.2	23	167	
E843223		78	4.1	12.4	11	64.8	
E843224		80	2.9	9.9	4	57.4	
E843225		<1	0.1	1.7	4	26.8	
E843226		71	1.7	7.2	17	60.2	
E843227		58	1.5	7.1	16	52.9	
E843228		51	2.1	14	2	52.1	
E843229		258	2.8	32.6	37	151.5	0.20
E843230		54	2.3	14.9	3	55.9	
E843231		81	3.5	13.3	5	70.3	
E843232		80	3.4	13.7	5	66.7	
E843233		72	5.4	15.3	6	71.9	
E843234		69	6.7	15.9	5	73.4	
E843235		67	7.6	9.4	32	73.8	
E843236		62	5.1	9.1	18	67.3	

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Finalized Date: 13-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124177

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 10-DEC-2007
Account: EIAFRG

CERTIFICATE VA07124178

Project: Werneckes

P.O. No.: FRG07-01

This report is for 139 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E847068		2.48	0.005	0.02	7.63	11.5	490	2.79	0.7	3.4	0.14	64	19.3	38	2.13	55.6
E847069		2.36	0.006	0.12	8.44	48.2	510	3.55	3.26	1.51	0.1	80.2	52.3	44	2.52	41.6
E847070		2.02	0.012	0.2	5.32	55.5	310	2.08	4.67	2.71	0.18	41.5	66.4	34	2.06	99
E847071		1.74	<0.005	0.24	6.54	36.7	330	2.22	1.49	4.89	0.04	81.4	31.6	32	5.36	31.4
E847072		1.46	<0.005	<0.01	7.35	84	500	1.95	3.2	6.09	0.28	92.7	16.7	34	2.97	77.9
E847073		2.28	0.011	0.01	6.49	158.5	410	1.55	0.46	7.39	0.22	134	46.8	29	2.21	15.3
E847074		1.00	<0.005	0.09	7.07	93.3	460	1.67	0.5	7.53	0.19	56.1	52	32	1.91	32.1
E847075		1.80	0.020	0.14	6.91	62.2	390	1.78	1.43	8.11	0.02	169	54.2	30	1.68	433
E847076		2.64	<0.005	0.03	7.15	208	400	2.19	0.41	6.98	0.02	87.1	42.9	32	1.55	59
E847077		2.34	<0.005	<0.01	6.63	442	360	2	0.13	7.85	<0.02	80	58.3	28	1.52	332
E847078		2.50	<0.005	0.02	7.64	10.3	460	2.96	0.21	4.14	0.02	95.8	21	43	2.47	318
E847079		1.60	0.005	0.02	6.67	10.6	470	2.35	0.17	4.95	<0.02	92.9	24.1	32	2.02	10.5
E847080		2.44	0.023	0.27	6.28	94.1	190	2.05	8.82	1.11	<0.02	101	175	34	3.09	17.4
E847081		2.34	0.031	1.46	23.7	422	1430	9.42	54.4	1.66	<0.02	197	792	144	7.53	68.7
E847082		2.12	0.021	1.72	20.1	445	1120	8.29	77.1	11.4	0.08	175.5	199.5	113	6.66	61.9
E847083		2.24	<0.005	0.53	1.5	67	110	0.87	10.15	25.5	0.12	19.95	16.7	53	0.62	82.9
E847084		2.36	0.006	0.17	0.7	45	40	0.34	4.08	14.1	0.05	9.67	14.9	25	0.2	6.2
E847085		0.80	<0.005	0.11	0.28	24.5	20	0.16	1.85	5.38	<0.02	3.68	5.1	18	0.13	4
E847086		2.20	0.005	0.21	0.56	16	30	0.31	2.1	5.62	<0.02	4.37	10.5	20	0.23	9.3
E847087		1.78	<0.005	0.4	0.33	15.8	20	0.2	2.19	4.86	<0.02	3.73	10.1	13	0.12	6.3
E847088		1.46	<0.005	0.12	0.3	10.7	20	0.16	1.29	3.45	0.02	2.62	6.6	11	0.13	2.7
E847089		1.98	0.007	0.09	0.34	11.3	20	0.21	1.54	3.94	<0.02	4.57	6.8	20	0.13	3.4
E847090		2.22	0.005	0.07	0.23	11.2	20	0.19	1.38	5.09	0.02	4.4	6.3	19	0.13	52
E847091		1.84	0.006	0.08	0.23	8.4	20	0.12	1.01	4	<0.02	3.18	5.1	12	0.13	7.9
E847092		2.38	0.005	0.06	0.17	7.3	10	0.12	0.95	2.71	<0.02	3.4	5.7	13	0.11	2.4
E847093		2.36	0.008	0.31	0.19	26.9	20	0.1	3.2	5.64	0.03	2.86	12.9	18	0.2	9.5
E847094		2.00	0.008	0.08	0.34	13.3	30	0.19	2.16	2.55	<0.02	3.66	6.8	17	0.21	4.4
E847095		2.82	0.006	0.06	0.4	19	30	0.27	1.88	13.75	0.03	7.65	18	15	0.22	4.6
E847096		2.44	0.006	0.05	0.36	9.3	20	0.28	1.73	8.54	<0.02	4.44	7.7	9	0.13	2.8
E847097		2.28	0.007	0.09	0.56	16	30	0.27	2.67	7.44	<0.02	17.1	13.5	9	0.24	10.2
E847098		2.26	0.006	0.06	0.34	14	30	0.24	2.09	10.8	<0.02	4.47	12.1	6	0.16	9.8
E847099		2.04	0.005	0.05	0.28	8.1	20	0.21	1.22	7.44	<0.02	3.24	8.7	12	0.19	2.9
E847100		2.20	0.005	0.05	0.32	<5	40	0.23	1.07	14	<0.02	5.28	6.3	11	0.2	3.7
E847464		1.56	0.017	0.36	6.13	87.1	60	2.03	0.83	0.33	<0.02	78.9	174.5	35	4.28	196.5
E847465		2.38	0.013	0.14	2.65	10.9	990	1	1.54	0.61	<0.02	>500	18	15	1.64	9.2
E847466		1.04	0.037	0.17	3.32	24.3	270	0.99	4.77	0.85	<0.02	>500	51.3	16	2.02	18.9
E847467		2.90	0.005	0.08	1.52	8.8	20	0.24	1.12	1.37	0.02	>500	40.7	7	0.33	6.6
E847468		1.70	0.023	0.08	6	9.5	110	1.96	1.12	0.27	<0.02	323	48.8	36	4.65	4.8
E847469		1.22	0.023	0.43	5.81	28	20	1.87	5.02	1.03	<0.02	264	172	29	4.22	22
E847470		1.28	0.030	0.17	5.55	23.9	60	1.41	3.59	1.98	<0.02	59.4	102	28	2.87	9.3

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E847068	1.48	20.1	0.09	2.8	0.159	3.93	36.4	29.4	2.4	1400	29	0.07	8.2	10.5	590
E847069	1.9	21.1	0.1	4.5	0.121	4.13	42.4	40.5	1.73	893	51.1	0.07	10.1	18.9	630
E847070	2.66	12.85	0.1	2.3	0.171	2.67	22.2	29.2	2.33	1615	46.8	0.05	6.1	22.1	450
E847071	2.39	16	0.12	2.5	0.121	3.13	46.9	30.1	2.83	3060	12.7	0.07	7.4	14.8	770
E847072	2.84	18.7	0.13	2.1	0.155	3.57	55	38.2	4.12	3480	3.19	0.06	9	21.8	730
E847073	3.38	16.1	0.15	1.9	0.15	3.25	83.3	28.9	4.01	5570	4.32	0.18	11	26.6	860
E847074	3.92	19.1	0.12	1.9	0.162	3.65	35.2	28.5	3.16	7760	0.71	0.76	7.6	31.8	740
E847075	4.15	19	0.17	1.9	0.296	3.46	111.5	26.8	3.56	7560	5.91	0.5	12.9	29.1	1230
E847076	3.83	18.45	0.13	2.1	0.202	3.58	50.7	20.2	2.93	6670	2.32	0.16	7.5	16.2	720
E847077	3.15	16.15	0.12	2	0.164	3.18	45.3	18.5	4.41	4630	1.3	0.05	6.7	15.6	670
E847078	2.08	20.5	0.12	2.1	0.233	3.46	54.9	34.7	4.38	2060	2.68	0.06	8.6	12.8	730
E847079	2.57	16.85	0.11	2.1	0.226	2.92	54.2	33.3	4.55	3420	13.35	0.07	7.8	13.3	790
E847080	4.96	15.55	0.15	3.6	0.075	1.7	60.5	91.4	5.59	916	32	0.03	7.9	33.3	660
E847081	22.3	57.8	0.62	10.9	0.272	>10.0	124	144.5	4.14	1300	220	0.21	25.3	128.5	2880
E847082	24.7	48.5	0.74	8.4	0.231	9.5	97.3	82.3	6.86	4630	32.4	0.21	22.8	85.1	3780
E847083	8.36	4.56	0.35	0.7	0.177	0.66	9	6.5	12.3	11350	11.25	0.08	2.8	20.6	600
E847084	4.07	1.38	0.07	0.4	0.049	0.32	4	2.4	7.42	5450	3.62	0.02	1	4.9	490
E847085	1.58	0.76	0.05	0.1	0.022	0.12	1.4	1.3	2.75	2120	3.21	0.01	0.5	2.5	140
E847086	2.02	1.11	0.05	0.3	0.034	0.27	1.9	2.1	2.79	2650	2.42	0.02	1.2	3.3	90
E847087	1.82	0.84	<0.05	0.2	0.02	0.15	1.5	1.4	2.44	1990	1.27	0.01	0.6	3.8	150
E847088	1.2	0.83	<0.05	0.2	0.016	0.14	1.1	1.4	1.76	1425	0.85	0.01	0.7	2.5	80
E847089	1.47	1.04	0.05	0.2	0.023	0.15	1.9	1.6	1.98	1785	0.84	0.01	0.6	3.2	120
E847090	1.81	0.87	0.05	0.1	0.029	0.1	1.7	1.5	2.49	2540	0.73	0.02	0.5	2.8	50
E847091	1.38	0.77	<0.05	0.2	0.02	0.1	1.2	1.3	1.88	1975	1.32	0.02	0.4	2.1	820
E847092	0.99	0.67	<0.05	0.1	0.016	0.07	1.4	0.8	1.35	1220	1.32	0.02	0.3	2.3	170
E847093	2.53	0.69	0.05	0.1	0.03	0.09	1.1	1.2	2.71	2500	1.35	0.02	0.3	4.7	260
E847094	1.03	0.99	<0.05	0.2	0.019	0.15	1.5	1.4	1.22	1100	1.23	0.02	0.4	3.1	550
E847095	3.08	1.15	0.07	0.2	0.045	0.2	3	2.4	7.4	4390	1.04	0.02	0.5	4.8	190
E847096	1.76	1.01	<0.05	0.2	0.024	0.16	1.7	1.8	4.66	2450	0.78	0.01	0.4	3.1	170
E847097	1.79	1.45	0.06	0.3	0.032	0.22	7.7	2.9	4.04	2280	1.23	0.02	0.7	5	650
E847098	2.24	0.94	0.05	0.2	0.032	0.16	1.7	1.8	5.92	2990	0.92	0.01	0.4	3.6	180
E847099	1.5	0.85	<0.05	0.1	0.028	0.12	1.3	1.5	4.02	1995	0.8	0.02	0.3	3.2	160
E847100	2.22	1.03	0.05	0.1	0.04	0.16	2.1	2.7	7.24	3180	0.65	0.02	0.4	2.5	180
E847464	2.81	19.5	0.17	2	0.02	0.11	48.8	152.5	11.15	137	7.07	0.02	2.3	32.7	600
E847465	7.96	9.07	0.33	1	0.205	0.9	448	49.3	8.48	1345	29.3	0.02	10.1	10.4	1050
E847466	8.4	14.3	0.36	1.2	0.256	0.5	421	69.8	10.75	1920	25	0.03	11	24.9	790
E847467	11.95	11.05	0.71	0.6	0.401	0.01	990	16.5	12.8	2700	28.3	0.02	20.8	18.5	1390
E847468	5.06	19.8	0.3	1.9	0.044	0.37	223	118	8.68	192	17.15	0.02	6	29.7	790
E847469	8.01	21.3	0.32	1.8	0.057	0.08	169.5	128	10.1	352	23.3	0.03	12.7	39.1	600
E847470	7.53	19.55	0.15	1.7	0.073	0.22	37.4	103.5	8.32	692	51.3	0.03	8.3	38.9	490

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E847068	2.4	181	0.002	0.35	1.62	11.6	2	6	14.5	0.55	0.05	13.8	0.231	8.68	8.3
E847069	5.1	184.5	<0.002	1.36	2.4	12.1	2	4.9	8.1	0.64	0.11	14.6	0.251	9.8	8.2
E847070	4.1	107	<0.002	1.85	2.72	8.5	2	3.2	14.8	0.38	0.13	8.1	0.18	6.78	13.9
E847071	3.3	134.5	<0.002	0.57	2.08	9.9	2	3.7	25.3	0.51	0.05	11.6	0.201	5.89	19
E847072	1.9	144	0.002	0.04	1.39	11.5	2	4.4	25.8	0.67	1.87	14.4	0.244	6.48	8.3
E847073	2.7	127.5	0.007	0.04	1.46	10	2	3.4	28.7	0.64	0.28	12.8	0.204	5.09	34
E847074	1.9	143.5	<0.002	0.05	1.44	11	2	3.9	31.2	0.57	0.18	12.5	0.203	6.76	4.9
E847075	2.5	134.5	0.005	0.22	1.3	9.8	3	4.6	28.4	0.6	1.31	13.4	0.21	5.9	8.5
E847076	2.5	151.5	0.002	0.1	1.53	10.7	2	3.8	24.8	0.58	0.1	14	0.214	6.42	7.4
E847077	2	116.5	<0.002	0.08	1.49	10.2	2	3	20.6	0.52	0.08	13	0.198	5.24	4.7
E847078	1.7	146.5	<0.002	0.15	1.31	11.7	2	4.5	14	0.66	0.08	14.5	0.249	6.48	5.6
E847079	1.8	125.5	0.003	0.2	0.96	11.3	2	4.2	24.4	0.5	0.09	12.8	0.204	5.29	5.1
E847080	5.9	83.1	0.002	4.15	3.97	8.6	2	3.6	6.3	0.47	0.17	11.9	0.199	5.43	14.4
E847081	27.3	560	0.004	>10.0	16.05	33.6	15	12.1	20.1	1.59	1.15	38	0.683	34.1	20.6
E847082	85.5	530	0.004	>10.0	14.55	28.8	17	8.9	53.3	1.5	0.49	32.6	0.602	53.6	17.7
E847083	28.9	34	<0.002	2.75	3.36	4.7	16	1	82.2	0.11	0.16	2.7	0.043	7.96	10.1
E847084	9.5	14.8	<0.002	1.49	1.03	1	2	0.3	53.4	<0.05	<0.05	1.1	0.016	3.58	5
E847085	6.1	6.2	<0.002	0.5	0.69	0.6	2	<0.2	20.4	<0.05	<0.05	0.5	0.007	1.63	2.1
E847086	9.4	13.3	<0.002	0.76	0.65	0.8	2	0.2	20.6	<0.05	<0.05	0.7	0.015	2.34	1.9
E847087	11	7.6	<0.002	0.87	0.67	0.6	2	0.2	18.8	<0.05	<0.05	0.5	0.007	1.85	1.9
E847088	7.8	7.1	<0.002	0.42	0.42	0.5	2	0.2	13.8	<0.05	<0.05	0.5	0.008	1.65	1.6
E847089	7.2	7.6	<0.002	0.53	0.5	0.6	2	0.2	15	<0.05	0.05	0.5	0.008	1.53	1.6
E847090	6.7	4.9	<0.002	0.56	0.56	0.6	2	0.2	18.1	<0.05	0.05	0.4	0.005	1.53	1.5
E847091	4.7	4.5	<0.002	0.33	0.54	0.5	2	0.2	13.9	<0.05	<0.05	1.1	0.005	0.79	3.5
E847092	2.8	3.6	<0.002	0.26	0.41	0.5	2	<0.2	11	<0.05	<0.05	0.4	<0.005	0.34	1.4
E847093	19	4.3	<0.002	1.29	0.83	0.5	2	<0.2	23.5	<0.05	<0.05	0.4	<0.005	4.06	1.6
E847094	4.6	7.6	<0.002	0.33	0.53	0.5	1	0.2	12.2	<0.05	<0.05	0.9	0.007	0.76	2.1
E847095	4.5	10.3	<0.002	0.69	0.4	0.8	2	0.2	60	<0.05	<0.05	0.7	0.008	1.01	1.6
E847096	3.2	8.2	<0.002	0.4	0.36	0.6	2	0.2	35.9	<0.05	<0.05	0.5	0.006	0.78	1.6
E847097	5.2	11.6	<0.002	0.63	0.48	0.8	2	0.2	30.3	<0.05	<0.05	1	0.011	1.37	2.7
E847098	3.8	8.4	<0.002	0.68	0.35	0.6	2	0.2	46.1	<0.05	<0.05	0.5	0.007	1.21	2
E847099	4.1	6.7	<0.002	0.34	0.3	0.5	2	<0.2	33.4	<0.05	<0.05	1.1	0.006	0.47	1.4
E847100	3.4	8.4	<0.002	0.23	0.31	0.6	1	0.2	62.3	<0.05	<0.05	0.4	0.008	0.64	1.6
E847464	1.8	10.5	0.002	0.4	1.57	8.8	3	7.1	5.9	0.14	0.12	12.9	0.115	0.77	15.1
E847465	1.9	68.3	0.007	0.34	2.22	5.2	4	6.6	24	0.2	0.21	5.8	0.078	4.37	5.2
E847466	2.7	39.6	0.005	2.31	3.37	6.4	10	7.1	17.9	0.23	0.75	7.6	0.102	5.71	20
E847467	1.5	1.2	0.008	0.73	1.38	3.4	5	2.9	17.7	0.14	0.52	3.6	0.039	0.22	9.2
E847468	1.8	26.1	0.003	1.33	3.85	6	5	7	5.8	0.31	0.25	14.2	0.134	3.87	15.6
E847469	3.2	6	0.004	5.11	3.98	7.4	9	6.2	7.9	0.3	0.76	11.9	0.132	12.4	21.3
E847470	2.5	15.6	0.006	2.98	3.22	6.8	7	6.2	10.9	0.35	0.65	12.3	0.144	3.64	19.5

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Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E847068		70	19.6	13.8	24	96.9	
E847069		54	21.8	17.5	19	141	
E847070		46	15.4	11.9	38	80.3	
E847071		59	15	13.3	10	83.4	
E847072		92	15.1	14.5	31	67.6	
E847073		183	14.7	15	23	64.4	
E847074		108	13	11.1	35	62.8	
E847075		430	15.4	15.6	11	61.9	
E847076		66	14.3	13	7	67.3	
E847077		60	10.9	13.2	4	63.8	
E847078		79	13.1	15.3	8	67.3	
E847079		85	13.1	17	12	70.6	
E847080		55	14.9	15.8	12	126.5	
E847081		197	53	38	29	363	
E847082		152	33.4	35.4	23	275	
E847083		19	3.9	12.7	33	28.9	
E847084		13	1.6	5.2	15	13	
E847085		4	0.7	2.3	5	6	
E847086		8	1.6	3.1	6	10.2	
E847087		4	1.7	2.5	7	6.9	
E847088		4	1.1	1.8	5	6.5	
E847089		4	0.7	2.6	4	7.1	
E847090		5	0.5	3.1	5	6.9	
E847091		3	0.7	3.4	6	9.2	
E847092		2	0.5	2.1	4	8.5	
E847093		5	0.5	2.8	9	8.7	
E847094		3	0.6	2.2	6	8.5	
E847095		7	0.7	4.9	9	6.7	
E847096		4	0.5	2.8	5	5.9	
E847097		6	0.8	3.7	5	11.2	
E847098		5	0.6	3	9	6.5	
E847099		2	0.5	2.4	7	5.1	
E847100		5	0.7	3.8	5	4.9	
E847464		120	16.1	8.3	9	64.5	
E847465		200	14.1	10.8	4	29	
E847466		278	15.5	12.4	7	36.2	
E847467		404	14	20.4	7	16.3	
E847468		370	13.8	7	13	61.1	
E847469		572	14.8	10.5	13	54.8	
E847470		379	13	8.7	18	54.1	

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E847471	2.40	0.045	0.82	0.26	50.3	20	0.14	4.81	0.83	<0.02	>500	41.4	8	0.29	13.7
E847472	2.48	0.021	0.19	0.24	29.7	100	0.14	3.15	0.59	<0.02	>500	21.7	6	0.42	9.5
E847473	2.42	0.013	0.12	0.05	23.3	220	0.06	1.65	1.36	<0.02	>500	24.5	4	0.33	8.2
E847474	2.02	0.009	0.18	0.07	22.8	90	0.06	1.3	0.89	<0.02	>500	11	3	0.55	5.4
E847475	1.94	<0.005	0.13	0.05	12.2	60	<0.05	2.1	7.14	0.02	54.4	21.6	<1	0.23	5.3
E847476	2.48	0.026	0.35	0.08	65.5	20	0.08	8.3	4.54	0.03	>500	100.5	5	0.52	22.9
E847477	2.62	0.023	0.5	0.07	48.4	10	0.07	7.98	4.37	0.02	482	85.3	2	0.4	18
E847478	2.38	0.025	0.47	0.05	31	240	0.06	6.98	2.83	0.02	346	95.5	2	0.26	15.7
E847479	2.18	0.022	0.65	0.03	57.3	10	<0.05	7.46	1.51	0.02	89.4	65.7	10	0.21	24.2
E847480	1.28	0.030	0.82	0.02	82.6	<10	0.07	16.8	0.46	<0.02	>500	214	2	0.56	29.6
E847481	1.94	<0.005	0.14	0.02	29.9	30	<0.05	2.37	0.5	0.04	>500	23.7	<1	0.27	5.1
E847482	2.20	<0.005	0.22	0.02	26.7	180	0.07	1.87	1.17	0.04	>500	8.8	<1	0.3	4.2
E847483	2.00	0.016	0.85	0.03	56.9	20	<0.05	4.92	0.63	0.03	>500	35.7	5	0.27	20.7
E847484	2.28	0.022	0.49	0.03	27.1	30	0.07	3.41	0.91	<0.02	450	31.5	3	0.13	13
E847485	2.08	0.022	0.33	0.08	30.6	70	0.06	2.57	0.77	0.02	>500	38.7	4	0.15	13.7
E847486	2.62	0.013	0.6	0.1	52.3	20	0.08	5.65	0.85	0.02	>500	70.2	3	0.49	22.9
E847487	2.38	0.013	0.45	0.19	57	20	0.08	4.29	0.77	<0.02	>500	55.1	2	0.48	23.7
E847488	0.04	0.055	0.27	6.8	21.5	50	9.58	13.5	1.64	0.06	18.95	34.1	46	0.83	118
E847489	2.52	0.017	1.06	0.61	118	40	0.22	11.65	0.78	<0.02	437	108.5	4	0.58	68
E847490	2.36	0.059	3.65	0.22	258	10	0.08	18.9	2.69	0.05	216	155	2	0.19	240
E847491	2.86	0.069	2.45	2.43	360	60	0.67	20.6	0.75	0.03	240	326	18	1.83	199.5
E847492	1.92	0.017	0.09	6.26	32.2	450	2.72	0.96	1.44	<0.02	122.5	28.3	31	3.27	362
E847493	1.90	0.014	0.1	5.5	10.4	220	1.46	1.23	5.03	<0.02	251	61.9	23	4.26	49.7
E847494	1.76	<0.005	0.17	4.52	46.2	240	1.22	0.63	4.34	<0.02	223	43.7	19	3.6	203
E847495	1.76	0.036	0.23	5.56	89.7	320	1.93	6.48	4.61	<0.02	302	149.5	28	2.98	1090
E847496	1.48	0.007	0.01	7.04	4	640	2.91	0.07	1.25	<0.02	54.7	4.4	34	6.43	15.6
E847497	2.54	0.006	0.02	5.93	2.4	510	2.23	0.36	0.5	<0.02	100.5	6.2	32	5.35	13.7
E847498	0.60	<0.005	0.03	6.27	4.5	220	2.13	2.23	0.74	0.03	319	14	29	6.22	33
E847499	0.52	<0.005	0.04	6.55	4.8	210	2.38	0.16	0.85	0.02	102.5	15.3	29	6.87	5.5
E847500	2.70	0.031	0.1	5.92	50.2	620	1.95	1.49	1.87	<0.02	228	65.5	29	2.5	1015
E845800	Not Recvd														
E845801	1.36	0.006	0.08	0.38	8	30	0.19	1.8	12.8	0.02	5.73	11	1	0.25	5
E845802	2.24	<0.005	0.06	0.34	<5	30	0.19	1.43	11.05	<0.02	6.15	8.9	9	0.22	11.7
E845803	3.04	0.009	0.09	7.12	4.4	770	0.64	0.16	3.66	<0.02	85.2	20.6	41	1.07	1.8
E845804	0.32	0.010	0.1	7.51	7.4	380	0.81	0.14	1.83	<0.02	36.3	29.6	57	1	2.2
E845805	6.58	0.010	0.09	7.15	8.2	460	0.93	0.21	2.68	<0.02	77.5	23.8	50	1.23	1.9
E845806	2.88	0.025	0.12	7.68	13.6	400	1.63	0.43	1.63	<0.02	44.5	42.1	45	2.12	107.5
E845807	4.70	0.012	0.07	6.42	9.1	660	0.92	0.31	2.95	<0.02	74.9	27.3	33	1.46	101
E845808	3.82	0.018	0.05	6.24	7.1	860	0.83	0.69	3.03	<0.02	91.8	19.5	39	1.3	3.3
E845809	4.76	0.013	0.07	6.84	12.3	860	0.77	0.41	2.41	<0.02	90	22	54	1.45	4.7

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CERTIFICATE OF ANALYSIS VA07124178

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E847471	13.55	4.23	0.49	0.2	0.164	0.01	530	17.6	7.26	1795	41.1	0.02	18.3	6.3	1290
E847472	12.5	3.08	0.35	0.2	0.099	0.04	449	32.1	6.37	1605	33.4	0.02	17.1	4.4	1310
E847473	10.3	3.01	0.35	0.1	0.121	0.03	540	36.5	8.93	2250	23.3	0.02	17.1	3.3	1230
E847474	17.45	5.06	0.62	0.1	0.074	0.06	990	62.6	7.13	1145	32.3	0.03	19.9	2.2	1860
E847475	9.2	0.95	0.13	<0.1	0.252	0.01	37.9	15.6	14.1	7740	9.6	0.02	1.2	<0.2	70
E847476	11.25	2.76	0.36	0.1	0.189	0.03	386	33.7	9.13	4650	38.5	0.02	11.9	7.1	1050
E847477	10.5	2.38	0.31	0.1	0.182	0.03	382	41.2	10.3	3470	25	0.02	6.5	5.2	860
E847478	8.93	1.9	0.24	0.1	0.244	0.02	251	25.8	13.9	4880	42.2	0.02	9	5.4	950
E847479	10.85	0.74	0.14	<0.1	0.115	0.02	68.4	16.4	8.77	3330	44.6	0.02	2.1	8.2	240
E847480	18.1	3.54	0.59	0.1	0.117	0.02	690	40.6	8.81	1795	121	0.02	11.7	17	1580
E847481	19.85	5.07	0.67	0.1	0.098	0.02	1050	39.9	12.15	1640	198.5	0.03	19.6	4.4	1780
E847482	20.8	5.34	0.67	0.1	0.061	0.03	1150	55.5	9.23	1050	221	0.03	17.5	3.5	1890
E847483	15.7	4.31	0.48	0.1	0.063	0.02	840	30.6	8.41	1170	146	0.02	13.4	9.6	1510
E847484	10.9	2.85	0.24	<0.1	0.09	0.01	368	8.5	11.25	2340	31.5	0.02	15.1	25.3	1910
E847485	7.21	3.57	0.31	0.1	0.083	0.02	610	11.3	9.64	2540	110	0.02	12.8	12.4	1270
E847486	13.45	4.43	0.45	0.1	0.075	0.05	890	63	10.55	1825	108	0.03	12.5	19.6	1540
E847487	12.25	4.85	0.44	0.1	0.148	0.03	590	35.2	12.35	2170	39.6	0.02	24.3	18.9	2670
E847488	2.14	73.6	0.14	5.2	0.042	0.24	10	336	8.49	348	40.7	0.08	12	178	990
E847489	16.4	4.94	0.42	0.2	0.172	0.02	347	22.8	9.71	1860	75.2	0.02	18.6	30.2	2220
E847490	20.5	1.87	0.33	0.1	0.183	0.01	183.5	8.1	7.63	2360	45.2	0.02	5.8	22.8	480
E847491	17.4	9.08	0.36	1	0.109	0.26	198	61.1	4.93	612	47.7	0.02	9.9	65.1	710
E847492	2.41	21.7	0.19	2.2	0.223	2.42	80.1	80.1	4.83	946	26.3	0.04	11.9	22.2	900
E847493	5.28	15.95	0.22	1.8	0.156	1.02	200	101	7.67	2160	15.4	0.05	9.5	27.4	1140
E847494	4.84	13.9	0.19	1.5	0.354	0.87	151.5	80.1	10.85	3140	28.1	0.04	17.2	34.8	2200
E847495	4.61	18.35	0.29	2.1	0.396	2.08	209	62.9	8.22	2660	58.9	0.08	16.5	45.7	1880
E847496	2.22	23.4	0.19	2.7	0.229	2.82	36.4	146.5	6.06	933	5.25	0.05	9.4	14.6	760
E847497	2.38	14.1	0.13	2.4	0.139	1.72	66.5	117.5	7.03	756	9.74	0.04	5.7	17.3	660
E847498	4.11	17	0.35	2.6	0.115	0.84	217	160	11.45	1250	9.26	0.05	8.5	49.7	1120
E847499	4.31	15.85	0.23	2.4	0.11	0.75	66.5	188.5	12.4	1295	15.05	0.04	5.4	55.3	740
E847500	4.73	18.35	0.29	2	0.354	2.59	154	46.4	9.5	2590	18.7	0.06	13.7	32	1650
E845800															
E845801	2.84	0.86	0.08	0.2	0.042	0.17	2.5	2.1	6.77	3880	2.8	0.02	0.4	0.9	400
E845802	2.01	0.96	0.08	0.2	0.033	0.16	2.6	2.3	5.91	2560	0.83	0.01	0.6	0.8	160
E845803	7.44	19.55	0.25	1.8	0.03	3.41	47.9	24.1	3.14	2370	1.47	1.71	7.3	63.8	690
E845804	8.1	24.9	0.2	1.6	0.027	2.77	19.5	33.1	3.04	1725	2.11	1.95	7.5	112.5	800
E845805	7.55	19.75	0.26	1.8	0.027	2.82	44.5	26.2	2.71	1920	2.1	2.05	8.3	67.5	720
E845806	9.31	16.5	0.28	2.3	0.027	3.95	26	32.4	2.32	1315	1.55	1.4	9.6	74.2	1000
E845807	7.55	13.85	0.25	1.6	0.034	3.49	44.7	19.4	2.16	2230	3.5	1.45	7.3	32.5	810
E845808	7.24	15.5	0.28	1.4	0.039	3.8	54.9	16.4	2.24	1935	2.82	0.96	6.5	39.9	800
E845809	7.8	17.3	0.26	1.6	0.03	4.03	54.2	19.1	2.15	1585	2.68	1.38	7	54.1	820

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CERTIFICATE OF ANALYSIS VA07124178

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E847471	6.4	1.1	0.006	3.92	5.09	1.5	8	3.7	11	0.06	2.4	1.3	0.014	4.38	6.4
E847472	2.8	4.6	0.003	4.78	3.98	0.6	9	3.9	20.8	0.05	1.21	0.9	0.012	4.02	4.1
E847473	2.5	3.8	0.003	3.68	1.77	1.1	5	1.8	24.3	<0.05	0.46	0.2	<0.005	3.82	5.1
E847474	3.8	8.7	0.006	2.28	2.92	0.2	4	2.8	68.4	<0.05	0.42	0.3	<0.005	1.16	11.1
E847475	4.8	1.8	<0.002	2.56	0.91	4	3	0.2	33.1	<0.05	0.21	<0.2	<0.005	39.4	0.9
E847476	8	3.9	0.004	8.83	3.5	3.2	5	1	18.7	<0.05	0.41	0.2	<0.005	42.2	2.7
E847477	10.6	4.4	0.002	7.17	3.39	2.2	6	1	19.4	<0.05	0.6	0.2	<0.005	105	3.8
E847478	7.1	2.9	0.003	3.93	1.84	3.3	4	0.8	22.1	<0.05	0.52	0.2	<0.005	82.3	2.6
E847479	15.2	1.8	0.002	8.71	2.86	0.5	3	0.4	8	<0.05	0.61	<0.2	<0.005	147	1.6
E847480	15.3	2.5	0.009	>10.0	4.42	0.2	8	0.9	8.9	<0.05	2.14	0.3	<0.005	82.3	4.5
E847481	3.6	1.8	0.01	4.79	4.48	0.1	6	2.6	39.7	<0.05	0.44	<0.2	<0.005	7.43	4.9
E847482	2.9	3.9	0.009	3.64	3.37	<0.1	5	2.6	45.6	<0.05	0.37	<0.2	<0.005	2.08	9.1
E847483	9.2	2.3	0.009	>10.0	3.15	0.1	5	1.5	23.4	<0.05	1.15	0.4	<0.005	31.7	6.1
E847484	10	1	0.015	4.27	2.08	0.2	8	4.3	48.7	<0.05	1.77	0.9	<0.005	118.5	16.1
E847485	6.1	1.5	0.012	4.3	5.79	0.2	6	2.6	14.5	<0.05	0.99	0.4	<0.005	44.8	5.9
E847486	9.7	6	0.009	8.41	5.95	0.3	6	2.8	45.2	0.06	1.8	0.8	0.006	37.7	8.4
E847487	9.6	4.1	0.009	5.92	4.8	0.3	8	4.7	13.9	0.21	1.55	2.5	0.015	16.75	13.9
E847488	169	10.4	0.004	0.14	0.79	13	6	3.7	28.9	1.15	0.12	16.5	0.236	0.34	1960
E847489	14.9	1.8	0.012	>10.0	8.12	0.6	9	6.8	15.1	0.38	2.1	4.6	0.042	47.3	9.5
E847490	32.7	0.8	0.005	>10.0	7.45	0.7	12	1.4	15.5	0.06	3.32	0.7	0.01	194	4.7
E847491	21.7	18	0.007	>10.0	9.96	2.9	9	3.8	9.2	0.33	2.85	5.9	0.093	81.2	9.2
E847492	2	137.5	0.009	0.6	2.68	11.5	4	10.1	11.8	0.77	0.19	13.1	0.22	10.3	10.2
E847493	2.8	57	0.007	1.78	2.59	8.6	7	6.1	24.4	0.37	0.31	10.8	0.122	3.4	11.4
E847494	2.6	51.8	0.019	0.27	2.29	7.4	4	6.9	25.3	0.75	0.39	11.5	0.11	2.1	9.8
E847495	6.8	129.5	0.022	1.81	3.26	10.7	14	7.8	31.2	0.61	4.15	14.2	0.172	4.92	12.8
E847496	1.8	167.5	0.004	0.02	2.48	15	3	10.9	15.8	0.72	0.05	15	0.23	7.72	5.2
E847497	5.3	108.5	0.002	0.05	1.86	10.9	3	5.2	11.1	0.46	0.07	14.8	0.145	3.67	39
E847498	2.1	51.9	0.005	0.01	1.92	11.4	3	5.1	14.2	0.35	1.36	15.8	0.109	2.14	9.7
E847499	2	46.1	0.011	0.01	1.68	11.3	2	4.8	13.1	0.26	0.1	14.6	0.084	1.91	6.5
E847500	2.7	144.5	0.014	0.62	2.05	11.5	5	9.9	18.5	0.7	0.89	15.6	0.182	7.59	15
E845800															
E845801	4.9	8.3	<0.002	0.58	0.37	0.6	2	0.2	44.4	<0.05	<0.05	0.5	0.008	1.63	3.1
E845802	4	9	<0.002	0.36	0.4	0.7	2	0.2	46.6	<0.05	<0.05	0.5	0.009	1.04	2.1
E845803	2.1	91.8	<0.002	0.06	1.18	17	2	4.5	24.8	0.71	<0.05	16.1	0.239	0.2	4.4
E845804	2.6	45.2	<0.002	0.09	1	11.8	2	4.5	15.3	0.7	0.05	12.1	0.262	0.18	5.9
E845805	2	70.4	0.002	0.09	1.06	15.5	2	4.5	21.7	0.73	0.06	16.4	0.264	0.17	6.9
E845806	2.3	106	<0.002	0.15	1.7	26.8	3	2.6	17	0.77	0.17	11.4	0.638	0.29	21.4
E845807	2	92.5	0.002	0.1	1.13	18	3	2.9	23.8	0.57	0.14	12.8	0.333	0.19	8.4
E845808	4.8	110	0.002	0.07	0.89	12	2	3.5	24.6	0.52	0.24	14.6	0.201	0.19	6.3
E845809	2.3	102	0.002	0.11	1	14.8	3	3.1	24.7	0.59	0.09	15.6	0.228	0.21	7.5

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E847471		255	10.4	10.5	5	5.2	
E847472		267	8.4	7.3	4	4.2	
E847473		155	9.1	9	5	1.5	
E847474		286	20.9	10.5	5	1.6	
E847475		117	0.5	7.8	12	1.7	
E847476		139	1.7	10	8	2.2	
E847477		149	2.1	11.1	9	1.9	
E847478		167	1.9	11.8	9	1.4	
E847479		83	0.7	5.3	10	1.4	
E847480		113	3.1	7.8	5	1.7	
E847481		227	40.8	10	4	0.5	
E847482		181	52.3	9.4	3	0.6	
E847483		184	12.2	7.8	5	1.3	
E847484		849	7.3	7.5	8	0.7	
E847485		219	6.7	6.8	5	1.8	
E847486		293	26.2	7.7	6	2.4	
E847487		405	12.2	12	5	4.2	
E847488		244	2.6	36.9	40	161	0.19
E847489		596	16.8	10.3	6	8.2	
E847490		194	3.9	8.7	15	3.7	
E847491		250	12.8	6.4	8	33.8	
E847492		141	17.3	13.3	7	69.2	
E847493		62	12.5	14	12	55.5	
E847494		106	9.7	21.7	13	45.4	
E847495		205	19.7	24.1	12	64.3	
E847496		92	18.3	11.7	10	84.9	
E847497		66	11.8	9.9	11	70.9	
E847498		74	9.1	17.8	11	79.2	
E847499		79	8.5	11.9	14	74	
E847500		153	21	18.2	9	65.4	
E845800							
E845801		7	0.9	3.3	7	5.6	
E845802		8	0.9	3.4	5	6.4	
E845803		95	3	8.3	30	59.1	
E845804		108	3.1	6.6	56	56.1	
E845805		97	3.5	9.5	25	59.7	
E845806		230	11.9	6.6	26	81.7	
E845807		130	5.5	8.4	15	57.1	
E845808		81	3.9	9.8	13	49.4	
E845809		88	4.1	10	19	56.1	

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Method / Analyte / Units / LOR — Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E845810	4.06	0.011	0.06	7.01	10.1	970	0.57	0.25	2.71	<0.02	57.7	17.8	45	0.72	4.2
E845811	3.74	0.012	0.1	7.02	11.4	920	0.59	0.32	3.13	<0.02	110.5	22.5	43	0.62	3.1
E845812	3.76	0.012	0.1	7.02	10.1	1070	0.58	0.23	2.85	<0.02	75.1	18.7	44	0.62	8.1
E845813	2.90	0.011	0.09	6.52	7.3	2250	0.24	0.18	3.3	<0.02	72.2	13	35	0.45	1.7
E845814	3.64	0.012	0.09	6.8	7.6	1380	0.46	0.15	2.84	<0.02	67.8	12.3	38	0.6	2.4
E845815	4.32	0.015	0.14	6.85	12.8	1080	0.57	0.25	2.64	<0.02	110	20.8	44	0.53	9.1
E845816	4.88	0.021	0.08	6.77	12.1	930	0.57	0.23	2.46	<0.02	178.5	23.6	39	0.49	2.8
E845817	4.90	0.011	0.06	6.43	5.5	760	0.53	0.1	3.17	<0.02	87.6	12.6	38	0.47	2.2
E845818	2.38	0.010	0.26	6.03	6.2	930	0.54	0.13	4.47	<0.02	96.3	14.8	32	0.71	2.9
E845819	4.18	0.012	0.14	6.81	5	4340	0.83	0.07	2.02	<0.02	116	13.5	40	1.67	3.5
E845820	4.04	0.012	0.09	6.83	4.6	6200	0.82	0.09	2.19	<0.02	67.3	16.3	46	1.2	2.7
E845821	3.00	0.023	0.14	6.67	6.4	9640	0.66	0.08	1.54	<0.02	121	11	46	1.3	6.5
E845822	2.78	0.008	0.07	6.86	3.5	8020	0.38	0.07	0.66	<0.02	51.6	5.7	45	0.85	33.7
E845823	4.24	0.007	0.04	7.69	2.6	>10000	0.57	0.04	0.44	<0.02	68.3	6.6	53	0.84	10.7
E845824	3.54	0.010	0.06	7.28	2.6	>10000	0.61	0.04	0.42	<0.02	13.4	7.5	55	0.94	61.8
E845825	2.48	0.011	0.05	7.44	2.6	>10000	0.59	0.03	0.25	<0.02	13.55	7.5	54	1.15	29.6
E845826	2.84	0.007	0.05	6.69	1.4	7880	0.59	0.03	1.45	<0.02	81.5	7.3	36	1.47	12.8
E845827	2.64	0.007	0.05	7.79	3	1710	1.39	0.09	0.91	<0.02	80.1	19.2	47	2.55	5
E845828	2.80	0.017	0.06	6.9	3.7	810	0.94	0.07	2.02	<0.02	139	13.9	42	1.4	6.8
E845829	3.80	0.011	0.06	6.53	2	810	1.03	0.05	4.18	<0.02	232	8.9	44	2.28	2.8
E845830	1.78	0.007	0.05	6.65	1.4	5860	1.03	0.05	2.39	<0.02	55.5	9.9	36	3.45	165.5
E845831	3.06	0.015	0.07	6.62	3.5	3300	0.83	0.21	1.43	<0.02	69.1	12.8	37	1.57	16.3
E845832	2.76	0.007	0.09	6.74	3	800	0.62	0.12	2.17	<0.02	45.9	13.1	35	0.96	9.4
E845833	3.32	0.028	0.19	7.04	10.8	670	0.98	1.5	1.95	<0.02	267	47.6	40	1.69	55.3
E845834	0.98	0.029	0.31	6.18	15.7	560	1.01	2.59	3.86	0.02	>500	93.4	37	1.3	83.8
E845835	1.54	<0.005	0.1	5.98	1.5	660	0.88	0.11	5.78	0.02	36.9	12.3	30	2.48	3.6
E845836	1.66	<0.005	0.05	6.09	3.2	580	0.97	0.03	6.35	<0.02	31.5	16.1	27	2.54	1.4
E845837	2.84	<0.005	0.01	7.1	3	770	1.47	<0.01	4.05	<0.02	8.56	10.1	37	3.07	0.2
E845838	2.40	<0.005	0.11	7.13	2.9	670	1.6	0.01	4.08	<0.02	82.8	9.9	31	2.55	0.6
E845839	2.54	<0.005	0.04	9.08	3.1	720	2.54	0.02	2.37	<0.02	45.9	10.2	48	3.49	<0.2
E845840	2.18	0.013	0.16	6.35	7.9	380	1.88	0.64	5.29	0.03	447	28.1	28	4.2	9
C287931	1.68	0.011	0.04	7.75	5.1	1560	1.47	0.26	2.14	<0.02	232	24.1	47	1.7	70.2
C287932	1.52	0.016	0.1	7.25	5.3	1310	0.71	0.33	3.45	<0.02	143.5	20.2	36	1.06	186
C287933	1.84	0.022	0.13	7.93	6.1	1490	1.04	0.23	1.68	<0.02	175	34	46	1.55	280
C287934	1.68	0.244	1.1	6.56	13.3	1280	1.36	1.35	4.73	2.29	71.3	31.5	32	1.26	4000
C287935	0.06	0.906	35.8	4.38	995	500	0.59	31.5	6.49	0.21	26.4	43.5	255	1.23	4300
C287936	2.82	0.029	0.25	7.6	6.4	990	2.53	0.34	2	0.05	59	85.2	37	2.46	488
C287937	2.36	0.009	0.08	7.86	5.9	730	3.05	0.23	1.78	0.02	119.5	68.5	40	3.29	575
C287938	3.26	0.010	0.05	7.2	5.7	1640	1.05	0.07	1.52	0.02	247	58.6	40	1.35	254
C287939	3.80	0.011	0.01	7.59	7.4	1550	1.39	0.21	0.95	<0.02	91.8	76.3	45	2.26	111.5

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E845810	6.01	15.7	0.23	1.5	0.024	4.71	33.8	11.3	1.77	1855	1.79	1.35	7.5	35	730
E845811	6.49	16.65	0.29	1.7	0.03	4.78	65.1	10.8	1.87	2010	1.51	1.73	7.1	40	780
E845812	7.47	16.4	0.26	1.5	0.028	4.85	43.8	15.7	1.94	1845	1.79	1.36	6.2	45.6	750
E845813	6.66	8.73	0.23	1.5	0.027	4.61	43.9	7.6	1.57	2250	2.76	0.35	3.6	15.3	700
E845814	6.11	11.75	0.23	1.6	0.029	4.83	40.5	9.7	1.48	2030	2.15	0.6	5.6	20.1	710
E845815	5.97	14.6	0.3	1.7	0.026	4.16	65.6	11.7	1.6	1775	3.17	1.17	6.6	38.9	780
E845816	6.82	16.35	0.35	1.6	0.025	4.63	107	13.4	1.77	1675	9.13	1.44	6.9	47.9	800
E845817	5.92	14.45	0.25	1.4	0.026	3.9	49.9	8.6	1.77	2160	2.87	1.98	6.7	26.8	660
E845818	6.91	12	0.24	1.3	0.048	3.96	57.1	13.5	2.47	3490	2.23	1.38	5.3	32.9	620
E845819	7.23	19.7	0.33	1.8	0.028	3.81	67.6	22	1.76	1415	1.28	1.14	7.1	42.4	740
E845820	7.27	17.35	0.25	1.6	0.024	4.18	39.2	21.1	2	1410	1.9	1.4	6.8	42.5	740
E845821	6.89	16.65	0.33	1.6	0.018	3.77	71.1	19.7	1.51	973	1.17	0.89	6.5	32.5	720
E845822	5.09	11.5	0.22	1.4	0.012	3.44	29.1	13	0.57	191	0.54	0.09	5	14.8	720
E845823	5.61	16.95	0.27	1.8	0.01	4.34	38	15.7	0.77	187	0.5	0.11	6.9	26.2	760
E845824	5.94	16.65	0.21	1.6	0.01	3.8	7	18.9	0.99	197	0.41	0.23	5.8	32.5	720
E845825	6.34	17.25	0.23	1.9	0.008	3.86	7.7	18.1	0.93	145	0.4	0.23	6.7	29.9	690
E845826	5.46	12.9	0.25	1.4	0.026	3.76	47.2	15.5	1.3	1145	0.38	0.35	4.9	18.7	610
E845827	7.39	21.9	0.33	2.1	0.023	4.37	44.1	43.4	2.19	607	0.77	0.49	7.2	55.6	710
E845828	7.13	16.85	0.32	1.6	0.024	3.67	81.1	24.8	2.06	1290	1.13	1.12	6.4	42.3	720
E845829	6.18	14.55	0.39	1.6	0.051	3.65	138	14.7	2.43	2730	1.37	1.98	5.6	20.7	600
E845830	5.83	11.5	0.23	1.6	0.031	1.4	33	24.9	2.03	1480	5.23	3.08	4.5	16.5	820
E845831	7.31	14.85	0.27	1.5	0.015	3.97	40.9	28.9	1.93	917	1.71	0.74	4.7	42.7	730
E845832	7.43	14.9	0.24	1.4	0.021	4.31	27.2	22.8	2.07	1610	1.07	1.25	6	46.7	710
E845833	6.78	16.5	0.36	1.6	0.026	4.05	193	22.6	1.87	1310	11.7	1.33	5.4	44.4	760
E845834	6.55	15.2	0.47	1.6	0.054	3.44	409	21.1	2.35	2850	20	1.16	7.3	44.6	950
E845835	5.38	9.89	0.2	1.4	0.071	4.64	21.3	7.7	2.83	4360	2.08	0.76	6	9.3	590
E845836	5.37	11.2	0.07	1.7	0.073	4.32	17.9	7.5	3.2	4730	0.74	1.2	5	12.5	600
E845837	5.05	20.5	0.07	1.9	0.125	4.66	4.3	14.5	2.24	3170	0.66	0.6	6.3	13	640
E845838	4.99	20	0.11	1.9	0.135	4.33	44.9	16.3	2.32	3130	0.73	0.73	5.9	12.7	710
E845839	4.5	43.4	0.1	2.3	0.171	5.12	24.1	31.7	1.92	1655	1.19	0.21	8.4	18.2	760
E845840	4.4	21.5	0.36	1.8	0.152	3.86	262	26.9	3.44	3530	5.63	0.09	5.9	15.7	640
C287931	4.08	25.7	0.23	2.4	0.073	5.66	134	18.1	1.58	1045	5.48	0.06	5.3	34.3	750
C287932	4.56	14.35	0.19	2	0.078	4.5	86.3	8.4	1.98	1510	8.24	0.06	4.3	19.2	630
C287933	5.75	20	0.21	2.2	0.071	5.02	105	20.1	1.63	856	9.7	0.06	4.6	41.4	700
C287934	6.42	14.25	0.17	1.7	0.193	4.94	41.9	14.2	2.91	2180	37.9	0.05	3.3	20.2	720
C287935	4.13	12.85	0.26	0.7	0.223	1.43	19.8	14.1	0.79	1765	705	0.66	1.8	20.8	560
C287936	7.51	27.2	0.13	2.3	0.109	5.3	34.8	52.9	3.89	1030	11.85	0.05	4.4	64.2	710
C287937	7.26	29.3	0.18	2.7	0.142	5.44	72.2	47.8	3.04	874	3.45	0.04	5.6	43.5	880
C287938	7.02	18.5	0.28	2.3	0.077	5.75	149	26.8	2.34	738	1.91	0.05	4.2	35.1	770
C287939	7.54	20.8	0.15	2.5	0.051	6.26	54	40.2	2.84	499	1.54	0.05	4.1	50.1	830

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CERTIFICATE OF ANALYSIS VA07124178

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E845810	1.9	97.5	<0.002	0.1	0.95	11.1	2	3	25.3	0.64	0.07	15.9	0.231	0.26	7.1
E845811	3.2	117.5	<0.002	0.15	1.06	13.2	3	3.1	27.4	0.63	0.07	17.5	0.212	0.25	8.1
E845812	2	111.5	<0.002	0.11	1	12	3	3	23.8	0.53	0.09	15.8	0.214	0.26	9.5
E845813	1.8	84.1	0.002	0.1	0.94	10.8	2	2.2	38.2	0.34	0.05	12.1	0.187	0.46	8.3
E845814	1.7	87.1	<0.002	0.08	0.99	10.8	2	2.6	25.5	0.49	0.07	13.6	0.221	0.4	8.9
E845815	3	82.6	0.003	0.13	0.98	12.7	3	2.8	26	0.59	0.11	17	0.229	0.34	10.2
E845816	2.3	99.6	0.004	0.12	0.86	13.9	3	2.8	26.4	0.6	0.12	16	0.219	0.26	8.9
E845817	1.7	79.8	0.002	0.05	1.17	12.8	2	2.6	24.5	0.6	0.06	13.7	0.207	0.22	5.6
E845818	2.5	83.1	<0.002	0.1	1.07	12.5	2	2.4	25.2	0.48	0.05	12.6	0.194	0.31	8
E845819	2.3	100	0.002	0.14	1.11	12.4	3	3.3	95.1	0.64	0.06	16.7	0.214	0.34	6.6
E845820	2.1	94.5	0.008	0.2	0.99	10.3	2	2.7	108	0.59	0.05	14.7	0.215	0.28	7.3
E845821	3.4	84.8	<0.002	0.27	1.05	10.4	3	3	153	0.55	0.1	16.1	0.214	0.46	7.3
E845822	3.6	67	<0.002	0.27	1.32	5.4	2	2	633	0.48	<0.05	12.6	0.168	0.47	5.1
E845823	3.5	98	<0.002	0.29	1.5	6.9	2	2.5	473	0.68	<0.05	15.8	0.202	0.49	4.9
E845824	3.5	86	<0.002	0.33	1.62	7.9	2	2.2	378	0.57	<0.05	14.1	0.187	0.38	5.5
E845825	2.7	89.5	<0.002	0.36	1.67	7.3	2	2.5	278	0.67	<0.05	15.1	0.208	0.36	4.2
E845826	2.1	91.3	<0.002	0.19	1.24	8.8	2	1.8	123	0.48	<0.05	13.3	0.155	0.37	3.6
E845827	2.1	125	0.002	0.05	1.64	13.1	2	2.4	29	0.66	<0.05	15.3	0.186	0.41	9.3
E845828	1.6	82	0.002	0.03	1.12	12.5	2	2.5	21.4	0.56	0.07	14.4	0.209	0.31	6.7
E845829	1.7	100	0.002	0.02	1.26	21.2	2	2.4	29.7	0.55	<0.05	14.9	0.201	0.36	6.5
E845830	1.2	37.6	<0.002	0.17	0.75	14.6	2	2.2	122.5	0.39	<0.05	14.2	0.189	0.27	5.1
E845831	2.2	82.3	0.003	0.08	0.99	9.5	2	2.2	57.2	0.45	0.11	14.4	0.196	0.36	5.3
E845832	6.1	88.3	<0.002	0.02	1.3	10.3	2	2.4	20.7	0.53	0.08	15.6	0.211	0.29	19.5
E845833	3.9	88.9	0.004	0.31	1.35	10.8	4	4.7	19.5	0.47	0.18	15.2	0.207	1.25	15.4
E845834	5.6	92	0.005	1.18	1.65	10.8	6	3.9	23.5	0.49	0.3	15.4	0.187	2.05	39.6
E845835	2.9	141.5	<0.002	0.04	1.44	9.8	2	2.2	22.3	0.51	<0.05	12.5	0.212	0.62	7.9
E845836	1.7	134	<0.002	0.02	1.31	6.6	1	1.9	28.4	0.42	<0.05	13.6	0.202	0.46	6.3
E845837	1.5	194	<0.002	0.03	1.47	15.4	1	3.9	19.1	0.53	<0.05	15.4	0.262	0.44	5.8
E845838	1.8	183	<0.002	0.02	1.44	12.5	1	3.6	17.9	0.48	<0.05	15.2	0.24	0.38	6.4
E845839	1.7	289	<0.002	0.02	1.65	25.2	1	9.8	9.7	0.71	<0.05	18.8	0.315	0.46	5.3
E845840	2.4	155.5	0.002	0.16	1.64	13.5	2	5.5	18.1	0.48	0.07	15	0.207	2.76	16.9
C287931	4.7	124	<0.002	0.02	1.98	15.2	2	2.8	25.7	0.44	0.06	17.1	0.143	0.41	5.5
C287932	5.5	93.8	<0.002	0.04	1.74	12.4	2	2	24.1	0.35	0.1	13.8	0.118	0.29	8.3
C287933	5.1	112	<0.002	0.03	1.69	9.7	2	2.4	18.1	0.36	0.13	16.9	0.146	0.28	7.8
C287934	100.5	96.4	0.004	0.32	14.45	11.4	10	3.2	25.8	0.25	0.69	14.2	0.11	0.25	10.7
C287935	67.7	38.4	0.074	0.71	88.5	5.3	4	3	284	0.09	3.6	1.5	0.119	0.23	2.6
C287936	51.7	163	<0.002	0.04	2.32	13	2	3.5	15.1	0.34	0.18	12.7	0.148	0.28	10.4
C287937	35.4	219	<0.002	0.07	2.04	16.3	2	4.7	14.4	0.41	0.05	22.8	0.18	0.31	10.1
C287938	6.4	125	0.003	0.05	1.85	9.5	2	2.1	23	0.33	0.05	18.2	0.158	0.23	9
C287939	4.7	140	<0.002	0.04	1.68	9.7	2	2.2	16.9	0.32	<0.05	16.5	0.162	0.27	8.2

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E845810		71	2.9	9.4	14	53.7	
E845811		72	3	12.2	14	57.1	
E845812		78	2.8	10.2	15	51.9	
E845813		60	1.8	9.4	7	52.3	
E845814		71	2.9	9.3	8	54.6	
E845815		72	4.4	11.1	12	61.1	
E845816		72	4.5	12.7	16	56.5	
E845817		68	4.7	10.6	9	49.4	
E845818		65	4.4	10.5	11	43.7	
E845819		74	4.3	12.2	18	60.5	
E845820		76	3.7	9.6	20	55.8	
E845821		68	3.5	10.8	17	56.4	
E845822		59	4.4	10.4	11	50.6	
E845823		72	4.8	10.1	16	64.1	
E845824		68	4.3	8	22	57.4	
E845825		76	4.7	7.4	19	65.1	
E845826		62	3.5	8.2	15	49.8	
E845827		64	5.6	9.6	35	74.1	
E845828		69	5.2	9.7	20	55.2	
E845829		64	6.4	12.3	10	53.1	
E845830		60	5.2	7.5	21	56.8	
E845831		63	3.8	7.7	21	51.8	
E845832		66	3.8	7.7	30	49.8	
E845833		76	6.1	10.2	16	54.2	
E845834		113	9	16.3	16	54.4	
E845835		56	3.9	9.3	5	51.8	
E845836		53	2.7	9.2	4	55.6	
E845837		74	3.9	9.2	3	60.2	
E845838		67	4.6	10	4	62.9	
E845839		116	6	9.7	3	75.3	
E845840		83	6.5	16.7	8	59.9	
C287931		82	2.1	11.4	9	76	
C287932		63	2	12.5	7	62.7	
C287933		78	2.2	11.5	17	71.6	
C287934		67	3.4	15	288	55.6	
C287935		60	14.6	10.1	108	22.9	
C287936		74	2.6	11.5	54	75.3	
C287937		79	2.5	12.8	43	83.7	
C287938		64	2.3	10.5	27	74.3	
C287939		72	2.4	10	21	80.6	

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Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C287940		4.06	0.040	0.09	7.67	6.1	2490	2.18	0.14	1.63	<0.02	108	63.9	40	2.97	947
C287941		2.70	0.163	0.13	8.03	8.9	1720	4.03	0.22	1.34	0.02	129	96.2	41	6.72	948
C287942		3.36	0.060	0.13	9.22	6	280	5.64	0.1	0.23	<0.02	102	74.8	57	7.76	188
C287943		2.32	0.031	0.03	9.17	5.1	280	5.29	0.05	0.21	<0.02	8.14	80.3	60	6.81	229
C287944		4.36	0.018	0.05	8.23	5.9	290	4.84	0.11	0.32	<0.02	169	71.9	51	5.83	262
C287945		5.50	0.021	0.06	8.87	5.6	530	5.07	0.36	0.42	<0.02	107	94.1	56	6.45	15.9
C287946		3.24	<0.005	<0.01	7.55	8	1210	2.1	0.05	1.37	<0.02	124.5	50.8	45	3.31	81
C287947		3.96	0.013	0.03	8.59	10.3	2540	1.18	0.07	0.55	<0.02	156.5	56.7	52	2.09	151
C287948		2.46	0.006	0.06	8.24	5.5	1270	3.57	0.06	0.62	<0.02	55.4	88.1	52	5.63	3.8
C287949		3.94	0.009	0.06	7.33	10.8	620	3.05	0.17	3.18	<0.02	117	36.1	35	3.74	46.1
C287950		2.26	0.011	0.11	7.3	12	410	4.82	0.24	3.56	<0.02	118.5	48.1	35	6.01	49.6
C287951		0.04	0.025	0.24	7.03	23.4	50	9.1	14.35	1.74	0.03	16.3	36.5	39	0.82	127
C287952		4.00	<0.005	0.2	7.37	11.1	420	4.6	0.32	3.53	<0.02	93.5	40.5	34	5.66	36.2
C287953		3.68	0.023	0.08	7.89	9.5	550	4.43	0.3	3.69	<0.02	118.5	37	39	6.01	10.6
C287954		4.84	0.019	0.18	7.88	5.7	640	4.9	0.28	2.82	<0.02	143.5	37.7	43	6.36	13.1
C287955		3.78	0.017	0.2	6.47	7.9	770	3.51	0.33	4.11	<0.02	161	41.5	32	5.37	21.9
C287956		4.00	0.005	0.04	7.4	4.2	1070	3.82	0.18	3.42	<0.02	90.3	22	39	4.36	1.1
C287957		3.92	0.034	0.05	8.06	4.6	1380	3.85	0.29	3.16	<0.02	105.5	30.8	43	5.57	0.5
C287958		3.02	0.006	0.05	7.5	3.8	630	4.02	0.25	3.47	<0.02	75	39.7	43	6.46	1.3

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C287940		7.17	21.2	0.17	2.2	0.115	5.89	65.7	34.8	2.87	960	1.35	0.04	4.4	35.7	830
C287941		7.96	26.9	0.18	2.4	0.214	4.5	76.7	75.1	4.21	1275	8.07	0.03	4.1	51.5	810
C287942		6.41	28.1	0.16	2.4	0.149	5.03	55.4	86.2	3.48	176	1.18	0.05	4.9	49.7	870
C287943		6.49	26.8	0.09	2.4	0.118	4.64	3.8	74.1	3.51	200	1.96	0.11	3.9	46.4	780
C287944		5.95	24.5	0.2	2.2	0.071	3.74	90.7	56.8	2.8	245	1.57	1.21	3.7	27.2	810
C287945		6.58	25.5	0.17	2.5	0.072	4.24	58.3	61.1	3.67	298	1.77	0.63	5.7	38.9	890
C287946		6.77	21.9	0.18	2.4	0.086	6.06	75.2	31.7	2.29	714	1.71	0.06	5.7	31.6	770
C287947		6.57	19.6	0.19	2.4	0.047	5.99	96	27.4	1.85	292	2.03	0.06	5.1	34.7	780
C287948		6.66	24.1	0.13	2.5	0.147	5.72	30.2	54.6	3.13	381	1.93	0.06	5.3	45.6	870
C287949		5.69	18.6	0.17	2.5	0.123	5.79	72.3	32.4	2.48	1340	6.93	0.05	8.4	24.8	810
C287950		5.48	20.9	0.2	2.8	0.144	5.11	72.7	55.5	3	1565	11.7	0.04	11.3	27.8	740
C287951		2.15	70	0.1	4.6	0.04	0.25	8	334	8.92	360	39	0.06	11.8	178.5	980
C287952		5.43	19.85	0.15	2.5	0.15	4.73	53.3	59.1	3.09	1585	6.75	0.03	10.5	31.7	690
C287953		5.76	20.4	0.17	2.5	0.162	5.13	69.6	52	3.26	1695	5.73	0.04	10.2	35.6	740
C287954		5.02	21.8	0.19	2.6	0.17	5.19	84.3	46.2	2.78	1285	39.6	0.04	9.9	36.5	660
C287955		5.18	17.95	0.21	2.5	0.182	4.38	93.8	41.7	3.2	1875	23.4	0.03	9.6	37.2	630
C287956		4.9	19.8	0.15	2.5	0.173	5.44	53.1	46.9	2.51	1530	9.01	0.04	10.4	21.9	690
C287957		5.18	21.4	0.15	2.5	0.162	4.55	62	46.9	2.76	1365	6.33	0.04	9.6	32	740
C287958		5.67	22	0.16	2.5	0.175	5.11	44.7	47.5	3.04	1515	9.09	0.03	10.4	39.9	720

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Finalized Date: 10-DEC-2007
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CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C287940		3.9	178.5	0.002	0.15	1.5	13.6	2	3.2	31.2	0.33	0.06	17.1	0.171	0.28	9.9
C287941		3.5	309	0.002	0.13	2.66	15.8	2	3.9	36.1	0.31	0.11	17.6	0.187	0.4	20.3
C287942		4.3	309	0.002	0.02	3.71	13.7	2	4.3	3.6	0.4	0.1	19.6	0.225	0.37	24.8
C287943		3	197.5	<0.002	0.01	3.39	14.9	1	4.5	3.5	0.32	<0.05	12.8	0.201	0.34	9.1
C287944		4.4	168	<0.002	0.04	2.69	13.4	1	3.4	11.3	0.31	0.05	16.5	0.168	0.26	8.3
C287945		2.3	155	<0.002	0.01	2.4	13.2	1	3.9	10.4	0.45	0.18	13.1	0.207	0.31	14.6
C287946		3.7	154.5	<0.002	0.02	1.79	14.3	2	3.8	14.3	0.41	<0.05	18.1	0.186	0.36	7.4
C287947		4.2	115	<0.002	0.07	1.7	11.1	2	2.6	24.1	0.4	<0.05	18.3	0.182	0.37	7.2
C287948		2.1	207	<0.002	0.03	1.94	14.5	1	3.3	13.3	0.44	0.08	14.7	0.182	0.43	6.4
C287949		3.6	176	0.008	0.01	2.14	11.8	2	4.3	16.9	0.64	0.08	16.4	0.224	0.34	12.1
C287950		3.7	287	0.004	0.1	3.23	12	2	4	17.2	0.88	0.09	17.2	0.263	0.46	14.6
C287951		177.5	10.7	0.005	0.12	0.71	11.6	4	3.7	26.8	1.06	0.12	16.8	0.238	0.17	1900
C287952		3.4	265	0.009	0.22	3.02	11.3	2	3.7	14.8	0.81	0.15	14.7	0.261	0.58	21.6
C287953		3.3	285	<0.002	0.05	2.81	12.2	2	3.8	16.1	0.8	0.11	16.5	0.297	0.45	9.7
C287954		3.1	308	0.024	0.01	2.62	13	2	4	14.9	0.78	0.09	16.9	0.288	0.44	10.2
C287955		4.5	267	0.133	0.03	2.25	10.8	3	3.4	20.4	0.73	0.12	15.2	0.247	0.41	15.1
C287956		3	290	<0.002	0.01	2.46	12.3	2	3.8	23	0.83	<0.05	16.4	0.287	0.37	7.5
C287957		3.9	230	0.004	0.02	2.55	12.6	2	3.9	26.3	0.77	0.11	16.8	0.295	0.41	10.3
C287958		3.1	307	0.005	0.01	2.56	13.5	2	4.1	16.6	0.82	0.05	17.2	0.291	0.44	16.4

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C287940		71	1.9	9.3	15	72.7	
C287941		79	1.8	12.4	21	77.4	
C287942		78	2.8	10.7	16	80.7	
C287943		82	2.8	8.3	16	78.6	
C287944		74	1.6	10.2	12	70.5	
C287945		79	3	10	18	78.8	
C287946		75	3.5	12.1	12	78.4	
C287947		68	2.5	11.1	12	78	
C287948		75	3.4	9.7	26	79.2	
C287949		70	5.8	14.8	9	82.1	
C287950		66	6.5	17.2	8	91.7	
C287951		245	2.7	35	43	151	0.19
C287952		67	5.3	15.8	9	82.9	
C287953		77	5.4	15.9	9	80.1	
C287954		75	4.6	16.1	7	86.3	
C287955		61	5.1	17.6	7	82.1	
C287956		70	5.3	16.1	4	81.8	
C287957		75	4.9	14.9	6	79.9	
C287958		76	5.9	15.7	6	81	

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07124178

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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VANCOUVER BC V6C 1G8

Finalized Date: 22-NOV-2007
Account: EIAFRG

CERTIFICATE VA07125580

Project: Werneckes

P.O. No.: FRG07-01

This report is for 127 Drill Core samples submitted to our lab in Terrace, BC, Canada on 24-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
C333149		2.14	<0.005	0.06	7.59	5.4	1010	2.24	0.07	4.57	<0.02	135	20.2	40	3.27	2
C333150		1.80	<0.005	0.09	7.72	6.2	990	2.45	0.07	2.85	<0.02	62	18	43	3.3	1.9
C333151		1.50	0.005	0.05	8.42	4.7	1250	2.76	0.15	3.09	<0.02	128.5	13.4	49	2.88	2.2
C333152		2.12	<0.005	0.01	8.06	4.4	1250	2.61	0.14	3.1	<0.02	156	15.7	40	2.96	2.4
C333153		0.64	0.017	0.05	6.99	12.9	100	3.38	0.46	0.42	<0.02	7.04	111.5	10	1.51	3.2
C333154		1.74	<0.005	0.04	7.71	11.2	440	1.3	0.18	3.49	<0.02	84.1	46.5	44	1.48	2.2
C333155		2.58	<0.005	0.06	8.31	18.8	1400	1.11	0.16	2.45	<0.02	70.6	50.8	37	1.74	4.2
C333156		1.72	<0.005	0.12	6.68	12.8	550	1.32	0.19	5.05	<0.02	81.1	23	32	2.73	3.6
C333157		2.76	<0.005	0.03	7.55	4.1	680	1.93	0.05	4.95	<0.02	22.8	18.8	42	2.1	2
C333158		2.42	0.005	0.04	6.24	3.7	1200	1.65	0.07	5.52	<0.02	31.6	17.4	34	2.75	3.7
C333159		0.08	<0.005	0.02	0.05	1	10	<0.05	<0.01	0.01	<0.02	2.53	0.1	1	<0.05	1.9
C333160		2.02	0.020	0.07	6.38	6.8	860	1.25	0.18	4.13	<0.02	121	20.1	38	1.76	4.7
C333161		3.16	0.068	0.15	5.88	5.3	800	0.81	0.65	5.01	<0.02	207	17.2	28	1.24	4.6
C333162		1.50	0.084	0.18	1.72	6.2	260	0.32	1.03	6.71	<0.02	56.6	32.2	6	0.44	3.7
C333163		2.38	<0.005	0.06	6.8	4.2	730	1.05	0.14	6.12	<0.02	78.9	23.1	34	1.62	2.5
C333164		2.32	<0.005	0.07	6.98	4.2	370	1.58	0.25	3.03	<0.02	24.5	9.6	39	2.19	1.4
C333165		2.48	0.005	0.04	6.95	3.1	4330	1.44	0.08	4.35	<0.02	18.95	10.4	37	2.05	31.5
C333166		1.84	<0.005	0.1	6.35	5.7	5390	1.4	0.34	5.47	<0.02	17.1	15.6	32	2.16	63.4
C333167		3.10	0.005	0.12	7.37	3.4	460	1.52	0.28	4.7	<0.02	28.9	14.5	38	2.02	2.5
C333168		3.10	0.008	0.05	8.05	3.6	3470	1.56	0.36	3.28	<0.02	38.2	40.8	46	2.26	28.9
C333169		0.76	<0.005	0.08	7.19	2.2	180	1.55	0.07	6.29	<0.02	89	10.4	34	3.53	7.2
C333170		0.86	<0.005	0.03	6.85	2.4	130	1.42	0.05	6.88	<0.02	94.2	10.9	29	3.46	4.3
C333171		1.74	<0.005	0.05	7.89	3.1	160	1.51	0.2	2.36	<0.02	40	26.2	61	2.43	38.6
C333172		2.86	<0.005	0.08	7.12	3.6	550	1.13	0.45	3.31	<0.02	50.4	29	45	1.51	5.2
C333173		2.46	<0.005	0.03	5.04	1.8	330	0.84	0.06	8.3	0.02	39.9	12.4	32	1.35	5.7
C333174		1.70	<0.005	0.05	6.32	3	950	1.17	0.13	6.08	<0.02	41.9	14.4	38	1.59	8.6
C333175		2.88	0.010	0.11	6.91	4.4	340	1.23	0.41	3.47	<0.02	60.9	22.1	41	1.69	2.3
C333176		1.76	0.011	0.33	7.05	4.6	440	1.43	0.27	3.39	<0.02	63	26.6	47	1.59	5.2
C333177		2.10	0.012	0.15	7.35	4.9	410	1.47	0.39	3.03	<0.02	70.4	31.8	45	2.38	6.1
C333178		1.90	0.010	0.16	7.37	5.5	290	2.32	0.29	0.81	<0.02	50	55.6	51	2.81	4.9
C333179		1.30	<0.005	>100	6.3	0.7	770	1.45	0.24	2.65	<0.02	151.5	49.7	37	2.1	>10000
C333180		2.12	<0.005	2.16	6.87	2.7	260	1.15	0.11	4.27	<0.02	13.9	5.8	40	1.66	8.3
C333181		0.08	0.895	36.8	4.58	1105	510	0.67	30.8	6.82	0.82	24.9	39.6	292	1.24	4550
C333182		2.14	0.012	45	7.75	3.5	170	1.57	0.45	3.54	<0.02	31.6	13.1	40	2.03	131.5
C333183		2.36	0.008	0.19	7.84	5.1	280	2.09	0.73	1.88	<0.02	83.6	35.2	48	2.08	5.9
C333184		2.12	0.006	2.32	7.41	3.4	1900	1.14	0.42	1.93	<0.02	111.5	17.5	23	1.91	9.3
C333185		2.78	0.048	0.19	5.52	4.9	400	1.48	0.83	6.12	<0.02	75.8	23.2	15	1.65	6.6
C333186		3.42	0.006	0.88	6.92	4.7	470	1.42	0.75	3	<0.02	87.4	24.5	30	1.81	6.9
C333187		3.16	0.021	0.13	7.6	4	650	1.09	0.9	2.04	<0.02	143	18.4	42	1.31	2.7
C333188		3.58	0.005	0.62	7.67	3.7	940	0.86	0.4	1.56	<0.02	39.1	15.3	42	1.13	2.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 22-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333149		4.96	20.2	0.37	2.1	0.159	4.25	76.2	14.8	2.43	3940	2.04	0.44	6.5	20.5	690
C333150		4.58	22.8	0.29	2.1	0.124	4.39	34.2	14.9	1.61	2430	1.69	0.56	7	23.1	750
C333151		2.59	28.3	0.33	2.5	0.169	4.97	67.5	17.5	1.85	2860	5.21	0.7	8.3	24.6	810
C333152		3.58	26.5	0.36	2.1	0.118	4.06	87.3	19.4	2.05	2760	6.75	0.99	4.9	31.7	780
C333153		16.6	37.5	0.47	1.5	0.035	0.86	3.3	79.5	4.67	801	0.83	0.84	4.2	170.5	620
C333154		5.9	26.4	0.36	2.3	0.033	1.7	49.2	25.4	2.65	2350	28.1	3.15	4.7	61.1	670
C333155		3.2	26	0.26	3.1	0.029	1.1	39.7	18	1.69	1575	3.83	4.43	5.9	32.4	710
C333156		5.78	14.6	0.35	2.2	0.081	3.46	45.9	16.2	2.53	4220	4.08	1.46	3.5	25.8	820
C333157		4.08	23	0.25	2.1	0.157	3.93	12.7	13.4	2.57	3950	1.56	1.03	7.6	18.4	690
C333158		5.17	16.1	0.26	1.6	0.134	3.52	17.6	12.3	2.97	4170	1.59	0.39	4.7	16.9	650
C333159		0.02	0.58	0.11	0.9	<0.005	0.01	1.5	1.9	0.01	8	0.06	<0.01	0.2	0.6	<10
C333160		5.61	19.3	0.41	2	0.08	3.05	69.4	19	2.47	3310	3.72	1.02	3	45	740
C333161		6.35	13.75	0.45	1.8	0.063	2.75	119	9.2	2.41	4280	28.2	1.54	3.4	13.1	550
C333162		19.5	5.26	0.57	0.4	0.135	0.7	32.3	11.4	3.26	6490	82.6	0.25	2.4	18.7	150
C333163		5.79	16.4	0.34	2	0.097	3.53	45.8	19.9	3.68	4170	6.56	0.75	2.7	29.1	770
C333164		5.15	27.1	0.23	2.2	0.085	4.04	13.6	19	1.94	1675	0.96	0.04	3.4	29.9	590
C333165		5.79	21.8	0.24	2.1	0.082	3.91	10.7	17.2	2.63	2430	1.6	0.04	3.4	28.9	530
C333166		5.31	20.9	0.25	1.8	0.112	3.43	9.3	19.3	3.26	3200	0.87	0.03	2.9	32.6	540
C333167		6.13	27.1	0.28	2.2	0.091	3.71	16	22.1	3.11	2390	0.96	0.03	3.6	40.5	620
C333168		10.9	27.3	0.39	2.3	0.035	1.98	21.2	61.6	5.75	2100	2.65	0.01	4.1	108.5	890
C333169		7.46	20.1	0.13	1.9	0.084	3.2	49.7	39.7	4.81	3750	1.46	0.03	2.2	27.4	880
C333170		6.94	18.3	0.12	1.8	0.09	2.94	51.9	38.4	5.18	3920	1.61	0.03	2.1	26.8	890
C333171		10.2	24.4	0.11	1.8	0.041	1.63	20.9	79.3	5.71	1780	2.92	0.02	4.3	86.6	620
C333172		8.32	20.8	0.14	1.9	0.045	2.91	27.9	51.2	4.57	1985	3.18	0.16	3.8	69.7	770
C333173		4.77	8.52	0.1	1.7	0.1	3.57	22.2	13.3	4.35	4600	1.38	0.04	1.1	21.4	740
C333174		5.33	13.7	0.09	2.2	0.076	3.87	22.9	20.5	3.73	3500	1.3	0.36	3.8	33.3	980
C333175		7.75	19.4	0.13	2.1	0.052	3.55	34.6	34.2	3.35	2200	2.16	0.54	4.7	49.8	930
C333176		7.67	20.5	0.11	1.8	0.063	3.1	35.4	36.9	3.35	2580	8.81	0.74	4.2	55.2	780
C333177		8.27	21.2	0.14	2.1	0.056	3.88	39.2	52.3	3.4	2120	4.91	0.51	5.2	59.4	950
C333178		11.8	22.2	0.15	1.7	0.039	3.31	24.5	64.8	3.61	967	1.84	0.3	7.3	65.8	860
C333179		8.14	19.65	0.41	1.4	0.046	2.49	86	48	3.22	2130	4.3	0.77	2.8	1055	620
C333180		6.36	14.1	0.09	1.6	0.081	2.27	7.4	13.6	2.44	3450	0.41	2.34	7.5	11.2	660
C333181		4.45	12.25	0.09	0.7	0.217	1.48	18.6	14.6	0.85	1780	741	0.69	1.8	19.5	590
C333182		7.04	22.4	0.13	2	0.077	2.34	17.2	20.8	2.83	2840	0.87	2.35	7.5	54.1	690
C333183		10	27.5	0.21	1.8	0.043	2.79	48.3	44.2	4.02	1390	1.29	0.7	6.3	101	740
C333184		8.52	26	0.22	1.8	0.05	2.77	63.4	45.2	3.99	1790	1.15	0.54	4.9	86.3	640
C333185		8.85	19.1	0.17	1.3	0.071	1.91	44.3	29.3	4.96	3260	2.28	0.51	4.8	50	570
C333186		8.77	26.3	0.19	1.7	0.052	3.68	51.3	30.4	3.34	1660	1.21	0.24	4.1	63.2	650
C333187		8.22	27.8	0.23	2.1	0.037	4.01	83.2	43.6	3.39	1390	1.57	0.69	5.1	74.6	850
C333188		7.57	27	0.16	1.9	0.031	3.91	21.8	39.7	2.98	1100	1.89	0.82	5.3	62.4	830

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 22-NOV-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333149		1.9	202	<0.002	0.03	1.41	13.6	2	3.6	23	0.53	<0.05	14.8	0.229	0.47	5
C333150		2.4	210	<0.002	0.03	1.37	14.8	2	4.2	19	0.55	<0.05	15.2	0.241	0.49	6
C333151		2	198	<0.002	0.02	1.82	17.6	3	5.2	21.8	0.67	0.06	15.5	0.241	0.47	5.1
C333152		1.6	180	<0.002	0.06	1.53	19.4	3	4.3	27.2	0.41	0.07	15.2	0.271	0.42	5.7
C333153		1.3	4.4	0.003	0.31	1.55	31.5	4	1.9	5.8	0.32	0.47	1.3	0.854	0.1	2.7
C333154		4	57.2	0.007	0.26	1.01	16.6	4	4	28.4	0.34	0.13	11.1	0.231	0.15	4.6
C333155		2	45.7	0.003	0.48	1.04	12.3	4	5.3	42.8	0.41	0.1	14.6	0.179	0.14	4.4
C333156		3.4	128	<0.002	0.07	1.51	12.8	3	2.3	31.4	0.3	<0.05	14.3	0.204	0.46	4.8
C333157		2	187	<0.002	0.02	1.48	24.9	3	4.8	26.2	0.54	<0.05	16.6	0.212	0.42	3.6
C333158		1.7	149	<0.002	0.04	1.13	16.8	3	3.2	32.1	0.36	<0.05	12.7	0.192	0.31	3.4
C333159		0.9	0.4	<0.002	0.01	<0.05	0.4	4	0.2	2	<0.05	<0.05	0.7	0.005	<0.02	0.4
C333160		3.3	127	<0.002	0.03	1.1	15.7	3	3.2	29.7	0.25	0.12	11.4	0.184	0.38	4.1
C333161		2.6	92.7	0.002	0.01	1.1	12.6	3	5.9	34.7	0.3	0.42	12.6	0.169	0.31	5.3
C333162		2.1	20	0.019	0.07	1.75	7.5	6	15.4	35.2	0.08	0.7	3.2	0.03	0.09	2
C333163		1.8	136	<0.002	0.03	1.03	20.5	3	2.3	32.3	0.2	<0.05	9.8	0.152	0.34	3.9
C333164		2	208	<0.002	0.02	0.93	18.2	3	3.8	12.4	0.23	<0.05	15.3	0.185	0.36	5.6
C333165		1.8	184.5	<0.002	0.11	0.92	15.4	3	3.1	64.7	0.23	<0.05	14.6	0.184	0.33	4
C333166		1.8	176	<0.002	0.22	0.99	16	3	3	301	0.2	0.07	12.4	0.159	0.31	4
C333167		1.9	206	<0.002	0.02	0.92	24.6	3	3.9	17.6	0.24	0.06	16.3	0.201	0.32	3
C333168		1.5	79.8	0.002	0.14	1.07	41.5	3	2.1	74.7	0.3	0.2	7.1	0.386	0.17	3
C333169		2	164	<0.002	0.01	1.26	27.7	1	2.4	18.1	0.17	<0.05	9	0.156	0.26	2.5
C333170		2.1	138	<0.002	0.01	1.22	27.4	1	2.1	17.6	0.15	<0.05	8.5	0.142	0.25	2.6
C333171		2	47	<0.002	0.03	1.13	17.1	1	1.6	11.1	0.31	0.11	8	0.411	0.18	2.5
C333172		2.3	80.2	0.004	0.07	0.86	19.8	1	2	18.6	0.29	0.1	8	0.29	0.24	2.9
C333173		3.3	127.5	0.002	0.02	0.81	26.3	1	0.7	23.7	0.08	<0.05	3.3	0.132	0.28	1.8
C333174		3.4	133.5	<0.002	0.04	0.93	27.1	1	1.4	33.1	0.27	0.05	6.6	0.195	0.3	2.8
C333175		4	125	0.003	0.08	1.04	25.1	1	1.9	17.4	0.32	0.09	8.3	0.342	0.35	3
C333176		3.5	104.5	0.002	0.08	0.97	22.8	1	2.2	18.3	0.3	0.11	8.6	0.346	0.32	3.9
C333177		14	119	0.006	0.12	1.14	22.1	2	2.1	17.7	0.34	0.1	9.5	0.384	0.4	4.2
C333178		9.2	55.5	0.002	0.19	1.42	34.3	1	2	10.4	0.49	0.2	4.2	0.703	0.44	3
C333179		8.5	75.1	0.066	0.11	1.18	21.8	2	3.2	24.7	0.14	0.08	9.7	0.338	1.04	3.8
C333180		3.6	71.5	<0.002	0.01	1.13	12.6	1	3.6	23.8	0.59	<0.05	13	0.231	0.26	8.4
C333181		63.2	34.2	0.076	0.76	84.9	5.3	4	3	297	0.09	3.47	1.3	0.123	0.23	2.5
C333182		4	80.5	0.007	0.02	1.28	16.7	3	3.6	23.1	0.6	0.06	14.3	0.371	0.35	9.4
C333183		4.5	99.1	0.003	0.09	1.13	27.8	3	1.9	17.9	0.47	0.14	8	0.6	0.34	4.1
C333184		2.9	105	0.004	0.05	1.24	22.7	2	2	44.5	0.37	0.1	8.6	0.669	0.34	4
C333185		4.6	79.3	0.008	0.12	1.36	31.3	3	1.5	31.1	0.34	0.12	6.2	0.475	0.25	9.3
C333186		2.4	140.5	0.002	0.08	0.92	22.2	3	2.8	22	0.28	0.08	10.4	0.37	0.26	4
C333187		2.8	112.5	0.004	0.01	1.02	16.5	3	2.8	23	0.41	0.16	12.8	0.373	0.28	5.5
C333188		2	99.6	0.002	0.02	0.88	9.9	3	3	23.2	0.45	0.08	14.5	0.257	0.27	6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 22-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21
	Analyte	V	W	Y	Zn	Zr	Cu	Ag
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	1	0.1	0.1	2	0.5	0.001	5
C333149		70	5.3	11.6	3	61		
C333150		74	5.9	12.2	3	63.1		
C333151		86	7.1	10.9	4	74.1		
C333152		148	6.4	10.4	5	65.1		
C333153		645	8.5	2.4	57	40.8		
C333154		159	6.8	9.2	17	71.8		
C333155		107	7.6	9.9	9	95.4		
C333156		87	5.4	12	7	67.2		
C333157		87	6.3	10.1	3	63		
C333158		79	4.7	10.1	4	48.6		
C333159		<1	<0.1	1.8	5	27.4		
C333160		97	4.6	11.7	9	63.9		
C333161		50	11.2	11.1	6	53.3		
C333162		48	72.6	13	7	10.2		
C333163		108	4.8	11.5	9	63.7		
C333164		92	4.9	8.1	4	64.3		
C333165		82	4.4	8.2	4	60.9		
C333166		73	4.1	9.5	7	53.5		
C333167		107	5.4	9	8	69.6		
C333168		290	4.3	6.8	48	69.5		
C333169		168	4.7	12.5	43	69.7		
C333170		152	3.9	12.1	45	66.6		
C333171		257	7	5.2	102	59.4		
C333172		223	4.6	7.3	71	61.8		
C333173		174	2.6	12.8	13	63.8		
C333174		190	3.8	14.6	13	79.7		
C333175		217	5.3	9.9	48	76.3		
C333176		208	8.8	8.5	32	58.7		
C333177		208	6.2	10.2	34	75.1		
C333178		325	7.6	5.3	61	53.2		
C333179		175	>10000	7.8	32	42.3	1.590	4580
C333180		77	31.3	8.2	9	53.7		
C333181		66	17.9	9.8	112	21.2		
C333182		180	500	9	18	69		
C333183		323	10.2	6.2	50	62.2		
C333184		388	29.2	8	51	62.7		
C333185		301	7.8	9	29	46.6		
C333186		228	13	7.6	23	63.4		
C333187		227	6.2	8.8	39	77		
C333188		170	8	7	37	71.3		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333189		2.18	<0.005	0.03	7.08	3.6	180	1.01	0.06	5.01	<0.02	15.05	4.9	17	1.43	1.3
C333190		3.24	<0.005	0.19	6.38	3.2	60	0.97	0.04	4.64	<0.02	18.8	4.5	40	1.11	0.9
C333191		1.60	<0.005	0.06	7.81	2.5	20	1.2	0.08	4.09	<0.02	33.3	9.5	33	1.24	0.4
C333192		1.46	<0.005	0.17	8.15	2.9	20	1.21	0.18	4.37	<0.02	47	15.7	35	1.3	0.8
C333193		2.66	<0.005	0.03	7.13	2.6	20	1.18	0.02	6.05	<0.02	12.4	4.6	35	0.66	0.7
C333194		2.94	<0.005	0.08	7.45	2.4	110	1.23	0.02	4.82	<0.02	2.7	2.8	36	0.66	0.8
C333195		1.60	<0.005	0.02	7.83	3.3	30	1.49	0.03	3.23	<0.02	2.31	2	45	1.42	1
C333196		2.26	<0.005	0.05	7.34	2.7	40	1.28	0.04	4.94	<0.02	3.68	2.6	39	0.96	1.3
C333197		2.34	<0.005	0.03	7.33	2.7	180	1.33	0.05	5.72	<0.02	7.8	3.4	46	1.21	1.8
C333198		1.92	<0.005	0.07	6.41	4.2	950	1.03	0.03	6.84	<0.02	10.25	3.6	27	3.52	1.5
C333199		1.62	<0.005	0.03	7.13	6.3	800	1.42	0.08	4.76	<0.02	18.5	3.1	39	7.33	1.6
C333200		2.48	<0.005	0.03	7.05	3	120	1.12	0.06	5.07	<0.02	10.1	3.3	35	1.63	1
C333201		3.30	0.005	0.03	7.17	3.8	1030	1.28	0.09	4.45	<0.02	86.5	4.3	44	3.88	0.7
C333202		2.68	0.006	0.04	7.28	10.8	530	1.01	0.15	4.39	0.02	45	5.1	37	3.3	2.1
C333203		0.08	<0.005	1.9	0.06	7.8	10	<0.05	0.02	0.02	0.02	2.73	0.1	1	<0.05	2.6
C333204		3.24	<0.005	0.04	6.7	4.7	950	0.61	0.16	3.81	<0.02	76.1	10.2	41	2.23	2
C333205		3.08	0.009	0.05	7.36	3.8	350	1.08	0.68	2.94	<0.02	66.7	11.7	54	2.45	2.9
C333206		2.42	0.007	0.05	6.61	4.1	310	0.8	1.09	2.48	<0.02	167.5	13.5	41	2.32	3.2
C333207		3.86	0.005	0.01	7.24	5.4	600	0.61	0.04	0.47	<0.02	87.1	15.8	45	1.94	1.4
C333208		3.46	<0.005	0.16	7.01	3.5	480	0.83	0.04	2.88	<0.02	74.8	12.2	37	2.99	1.6
C333209		3.42	0.005	0.06	7.16	2.5	1430	1.24	0.32	2.94	<0.02	128	15.3	46	2.71	2.7
C333210		3.98	<0.005	0.03	7.2	3.6	1310	1.44	0.5	2.41	<0.02	103	18.6	46	2.37	3.4
C333211		3.28	<0.005	0.04	7.12	4.1	260	1.39	0.16	0.61	<0.02	111.5	12.4	47	2.95	2.6
C333212		3.86	<0.005	0.01	7.65	4.2	120	1.56	0.08	0.22	<0.02	74.3	11.9	49	2.91	1.5
C333213		1.88	0.030	0.02	7.37	4.7	580	1.24	0.11	0.16	<0.02	70	11.4	46	2.47	2.2
C333214		1.56	0.005	0.01	7.26	4.4	630	1.42	0.11	0.17	<0.02	66.4	12.8	49	2.65	1.7
C333215		4.22	<0.005	<0.01	7.23	4.7	550	1.24	0.03	0.18	<0.02	53.2	8.5	47	2.42	1.4
C333216		2.98	<0.005	<0.01	7.29	3.9	210	1.29	0.03	0.15	<0.02	139	8.4	51	2.56	1.5
C333217		3.02	<0.005	0.01	8.23	3.6	1260	1.68	0.01	0.16	<0.02	59	10.5	54	2.48	1.8
C333218		3.74	<0.005	0.01	8.18	3.4	20	1.49	0.02	0.14	<0.02	115	6.9	47	2.39	2.3
C333219		3.80	<0.005	0.01	7.94	4.1	60	1.54	0.01	0.15	<0.02	95.5	7.3	42	2.06	1.6
C333220		3.80	<0.005	<0.01	7.46	3.7	30	1.86	0.18	0.15	<0.02	36.7	7.6	46	2.29	2.1
C333221		3.14	0.012	<0.01	10.4	4.6	130	2.7	0.02	0.26	<0.02	13.3	10.9	45	2.45	0.7
C333222		3.80	0.013	0.01	8.51	4.4	20	2.01	0.01	0.18	<0.02	92.5	7.8	44	2.55	1
C333223		2.88	<0.005	<0.01	7.01	3.7	10	1.73	<0.01	0.19	<0.02	84.9	6.9	38	1.89	1.8
C333224		3.52	<0.005	0.01	7.31	4	40	2.05	<0.01	0.17	<0.02	164	6.3	41	2.14	14.1
C333225		Not Recvd														
C333226		2.90	<0.005	<0.01	7.89	4	10	1.9	0.01	0.14	<0.02	117	5.1	37	2.34	2.3
C333227		2.78	<0.005	0.01	7.97	3.9	10	1.89	0.02	0.13	<0.02	122.5	7.4	49	2.26	2
C333228		3.74	<0.005	<0.01	8.96	4	50	1.75	0.01	0.14	<0.02	71	7.6	52	2.31	2.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333189		2.64	22.1	0.09	1.8	0.077	1.25	8.2	11.3	2.68	3420	0.25	3.35	4.5	6	1070
C333190		4.03	19.15	0.09	1.5	0.068	1.04	10.3	8.7	2.44	3010	0.17	3.14	4.4	5.6	1020
C333191		3.75	23.3	0.1	1.8	0.06	0.87	18.7	14	2.44	2930	0.62	4.38	5.5	6.6	720
C333192		3.94	24.4	0.1	2	0.063	0.87	26.6	15.5	2.62	3160	1.54	4.57	5.5	7.5	780
C333193		4.09	22.2	0.08	2.1	0.052	0.53	6.5	8.6	3.1	3130	0.28	4.45	3.2	9.3	720
C333194		3.94	23.1	0.09	2	0.045	0.65	1.1	4.7	2.32	2630	0.18	4.68	2.9	5.5	670
C333195		4.1	27	0.08	2.2	0.052	1	0.9	8.4	1.62	2120	0.42	4.82	3.3	3.6	870
C333196		4.23	22.5	0.07	2.1	0.05	0.95	1.7	4.7	2.39	2860	0.49	4.16	3.1	5.8	710
C333197		4.5	24.2	0.1	2	0.05	1.25	4.1	5.5	2.85	3150	1.03	3.76	3.1	7.4	660
C333198		5.14	20.9	0.1	1.7	0.104	2.23	5.3	13	3.6	4750	0.56	1.5	3.9	5.8	660
C333199		4.67	22.4	0.1	1.9	0.076	1.92	10.1	25.9	2.64	3580	0.69	2.42	3.6	5.7	720
C333200		4.3	23.2	0.12	2	0.065	1.46	5.3	9	2.62	3200	1.27	3.23	4.2	6.7	720
C333201		4.7	23.4	0.16	1.9	0.082	2.39	50.5	18.2	2.66	3220	0.89	1.82	3.7	8.2	700
C333202		4.75	19.4	0.14	1.6	0.107	2.9	25.2	20.2	2.73	3040	1.17	1.46	4.5	12.1	820
C333203		0.05	0.24	<0.05	0.8	0.005	0.01	1.6	2.3	0.01	16	0.08	0.01	0.2	0.4	20
C333204		6.63	16.8	0.19	1.6	0.068	4.01	43.8	28.2	3.49	2470	1.46	0.12	6.1	28.8	770
C333205		4.58	22.9	0.15	2	0.054	3.43	37.7	37.2	3.56	1850	2.8	0.3	6.3	47.4	690
C333206		5.9	17.25	0.22	1.6	0.046	2.62	96.8	41.5	3.56	1430	7	0.03	6.1	33.3	790
C333207		9.79	18.15	0.22	1.8	0.013	3.2	48.8	48.9	3.16	283	0.33	0.04	8	39.4	720
C333208		6.62	19.8	0.18	1.6	0.037	2.66	42.4	37.5	3.62	1340	0.45	0.07	5.4	34.3	640
C333209		5.17	22.5	0.19	2.1	0.056	2.32	73	47.7	4.56	1770	2.3	0.04	6.3	54.5	670
C333210		5.9	24.8	0.19	2	0.049	1.51	56.8	71.7	6.05	1090	4.05	0.06	7.2	67	1210
C333211		4.44	21.4	0.18	2.2	0.018	0.95	58.2	90.5	6.37	301	1.96	0.02	6.5	40.7	740
C333212		4.36	22.1	0.15	2.5	0.02	1.35	41.2	97	6.12	193	1.16	0.02	7.4	45.7	750
C333213		4.84	21.1	0.15	2.1	0.015	0.89	38.9	103	6.59	179	0.41	0.02	6.5	42.7	710
C333214		4.84	22	0.16	2.2	0.016	0.89	36.2	93.5	6.35	184	1.16	0.02	7.3	49.6	690
C333215		5.04	18.55	0.14	2	0.015	0.53	29.2	101.5	7.22	201	0.27	0.02	6.6	29.8	770
C333216		4.84	21.2	0.17	2	0.016	0.54	81.7	118	7.06	183	2.62	0.01	6.8	30.4	680
C333217		6.07	27.3	0.17	2.2	0.018	0.42	37.6	135	8.23	244	0.22	0.02	2.8	49.2	760
C333218		5.54	21	0.13	2.2	0.01	0.23	71.8	131	9.47	211	1.03	0.01	3	30.9	610
C333219		5.56	20.9	0.13	2.4	0.008	0.08	53.7	131	9.35	217	0.42	0.01	3.8	33.3	670
C333220		5.08	19.95	0.1	2.3	<0.005	0.09	30	131.5	8.76	202	1	0.01	5.5	32.9	620
C333221		7.94	31.3	0.21	2.7	0.012	0.01	6.5	167.5	13.8	333	0.72	<0.01	4.2	46.5	1160
C333222		6.05	24.2	0.14	2.7	<0.005	0.02	48.3	128.5	11.2	261	0.71	0.01	3.7	36.8	750
C333223		4.92	18.9	0.11	2.1	0.006	0.02	49.9	107.5	8.8	195	0.42	0.01	4.2	25.4	820
C333224		4.88	18.4	0.15	2.2	<0.005	0.03	96.1	119	9.59	187	0.76	0.01	3.6	26.4	710
C333225																
C333226		4.98	18.75	0.16	2.3	0.005	0.03	62.9	121	10	198	0.24	0.01	3.2	23.3	600
C333227		5.39	19.1	0.17	2.7	0.011	0.14	65.1	122.5	9.1	213	0.47	0.01	4.3	26.7	580
C333228		6.11	20.8	0.15	2.9	0.009	0.52	49.2	124	9.49	228	0.2	0.01	4.1	29.8	600

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 22-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333189		2.9	49.7	<0.002	<0.01	0.99	9.7	2	3.9	35.1	0.36	<0.05	15.8	0.11	0.24	6.3
C333190		2.1	39.6	<0.002	<0.01	0.91	9.1	2	4.9	28.6	0.37	0.06	14.7	0.133	0.17	6.2
C333191		2.2	39.3	<0.002	0.1	0.97	9.4	3	6.6	33.7	0.49	<0.05	16.2	0.167	0.24	7.8
C333192		2.6	39	0.002	0.2	1.01	10	3	6.7	35.3	0.52	0.06	18.5	0.175	0.27	10.6
C333193		2.8	21.5	<0.002	<0.01	0.8	12.4	2	7.4	47.3	0.29	<0.05	15.1	0.14	0.13	10.3
C333194		2.7	24	<0.002	<0.01	0.81	11.4	2	10.7	43.5	0.24	<0.05	15.6	0.169	0.12	12.1
C333195		4.4	36.3	<0.002	<0.01	1.11	8.1	2	13.9	40.7	0.3	<0.05	18.6	0.191	0.27	16.1
C333196		3.1	36.6	<0.002	<0.01	0.87	11.4	2	10.2	42.4	0.27	<0.05	13.1	0.184	0.19	18.4
C333197		2.3	49.7	0.002	0.01	0.89	12	3	10.5	42.2	0.29	<0.05	9.2	0.2	0.27	6.2
C333198		3.7	95.1	<0.002	0.03	1.34	10.6	2	8.3	39.4	0.31	<0.05	13.3	0.179	0.53	25.8
C333199		3.4	87.9	0.002	0.03	1.83	8.8	2	9.4	45.1	0.3	<0.05	17.2	0.176	0.8	27.9
C333200		3.2	58.7	<0.002	<0.01	1.01	9.9	3	9.3	37.1	0.35	<0.05	13.2	0.197	0.31	17.9
C333201		3.2	97.9	<0.002	0.03	1.36	8.8	3	7.6	46	0.33	<0.05	15.3	0.179	0.5	17.2
C333202		5.4	97.3	<0.002	0.01	1.36	10.7	2	3.8	37	0.37	0.05	14.5	0.16	0.44	4.2
C333203		2.3	0.4	<0.002	0.01	0.08	0.2	3	0.4	2	<0.05	<0.05	0.4	0.005	<0.02	0.2
C333204		2.4	114.5	0.002	0.02	1.2	17	3	3.2	34.1	0.56	0.06	14.3	0.213	0.36	3.7
C333205		2.4	86.6	0.003	0.01	1.3	19.1	3	3.9	17.8	0.53	0.15	12.2	0.267	0.37	5.1
C333206		2.1	83	0.004	0.02	1.36	14.3	3	3.9	17.4	0.47	0.2	14.5	0.206	0.29	11.1
C333207		1.6	80.4	<0.002	0.02	1.14	6.2	3	2.9	22.7	0.72	<0.05	15.1	0.236	0.23	3.3
C333208		1.9	82.7	<0.002	0.01	1.67	15.3	2	2.5	16.2	0.51	<0.05	15.5	0.177	0.24	4.1
C333209		3.6	76.9	0.002	0.05	1.42	15.9	2	3	54.3	0.54	0.08	13	0.295	0.24	4.5
C333210		2.1	50.1	0.003	0.04	1.31	20.4	3	3.7	47.9	0.59	0.19	18.8	0.364	0.16	5.7
C333211		2.1	33.9	0.003	0.01	1.53	16.4	2	3.8	10.8	0.57	0.08	13.5	0.262	0.09	4.7
C333212		2.6	45.9	<0.002	0.01	1.2	16.4	2	2.8	7.4	0.65	0.06	14.7	0.272	0.12	6.4
C333213		2.1	32	<0.002	0.02	1.28	14.4	2	3	21.9	0.58	0.09	16.8	0.221	0.1	9.2
C333214		2.2	33	<0.002	0.02	1.23	14.4	2	3	22.5	0.66	0.09	14.9	0.257	0.09	5.1
C333215		1.6	19.6	<0.002	0.02	1.6	12.1	2	3.1	17.2	0.58	<0.05	15.4	0.229	0.07	2.7
C333216		1.6	20.3	0.002	0.01	1.49	14.1	2	3	9.7	0.58	<0.05	15.3	0.228	0.07	3
C333217		2.2	20.1	<0.002	0.04	2.22	16.8	2	3.7	28.3	0.34	<0.05	14.9	0.237	0.08	2.4
C333218		1.8	10.3	<0.002	<0.01	1.42	12.3	1	2.3	5.5	0.24	<0.05	17.4	0.16	<0.02	2.5
C333219		1.7	4.5	<0.002	<0.01	1.79	10.1	1	3.1	6.2	0.3	<0.05	16.4	0.213	0.02	2.8
C333220		1.6	4.3	<0.002	<0.01	1.55	11.4	1	2.6	5.8	0.44	0.11	14.4	0.223	0.02	8.8
C333221		32.9	1.6	<0.002	0.01	0.75	12.2	1	4.3	6.8	0.34	0.05	18.1	0.219	<0.02	6
C333222		2	1.8	<0.002	<0.01	0.94	10.8	1	2.8	5.2	0.34	<0.05	15.8	0.178	<0.02	5.9
C333223		1.4	1.7	<0.002	<0.01	0.98	9.4	1	2.4	5.1	0.37	<0.05	15	0.173	<0.02	6.1
C333224		1.6	2.4	<0.002	<0.01	1.08	9.9	1	2.2	6.2	0.33	<0.05	16.9	0.181	<0.02	3.5
C333225																
C333226		2.9	2.2	<0.002	<0.01	1.08	10.3	1	2.1	4.8	0.3	<0.05	14.8	0.133	<0.02	4.2
C333227		1.7	8.7	<0.002	<0.01	1.27	12.4	1	2.3	4.5	0.4	<0.05	16.7	0.185	0.02	5.6
C333228		1.7	27.6	<0.002	<0.01	1.42	13.5	1	2.6	6.7	0.42	<0.05	20.4	0.231	0.05	3.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 22-NOV-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21
	Analyte	V	W	Y	Zn	Zr	Cu	Ag
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	1	0.1	0.1	2	0.5	0.001	5
C333189		32	4.6	8.8	10	61.5		
C333190		83	5.3	7.8	7	55.2		
C333191		106	4.9	7.4	27	66.2		
C333192		117	5.9	8.1	33	71.4		
C333193		101	4.6	9.5	16	76.3		
C333194		98	5.1	9.3	4	73		
C333195		110	5.7	8.4	8	80.5		
C333196		105	6.2	9.5	4	73.2		
C333197		119	5.7	8.9	4	70.3		
C333198		104	4.7	13.1	7	62.4		
C333199		106	5.9	11.8	11	69.1		
C333200		108	4.6	10.1	5	70.9		
C333201		106	4.3	10.4	9	68		
C333202		86	3	9.6	35	57.8		
C333203		<1	<0.1	1.8	11	28.1		
C333204		88	2.5	9.4	16	50.1		
C333205		129	5.6	9.7	16	65.9		
C333206		86	3.9	8.8	17	51.8		
C333207		77	2.1	7	21	59.7		
C333208		73	2.9	8.5	14	53.3		
C333209		141	7.6	9.8	24	64.2		
C333210		215	8.2	9.3	26	66.2		
C333211		121	7.1	8.1	23	71.8		
C333212		120	5.7	8.9	26	80.2		
C333213		98	5.3	6.9	34	68.6		
C333214		103	5.4	6.9	31	73.1		
C333215		89	6.6	6	41	66.5		
C333216		97	9.5	6.3	33	67.5		
C333217		133	10.2	6.7	44	70.6		
C333218		101	6	5.1	43	64.8		
C333219		96	12	5.8	42	67.5		
C333220		100	7.8	6.4	36	67.3		
C333221		173	10.5	7.2	64	77.7		
C333222		123	7.4	6.8	51	75		
C333223		93	9.9	5.8	37	60		
C333224		85	9.5	5.7	37	62.3		
C333225								
C333226		86	7.9	4.9	40	66.9		
C333227		80	9.8	5.1	38	77.6		
C333228		91	8.1	5.2	42	79.3		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
C333229		4.68	<0.005	<0.01	8.6	4.4	740	1.47	0.01	0.17	<0.02	106	6	52	2.17	1.3
C333230		3.62	<0.005	<0.01	7.88	3.9	580	1.52	0.12	0.16	<0.02	66.3	4.9	50	2.21	1.3
C333231		4.12	<0.005	<0.01	8.57	3.9	210	1.47	0.01	0.14	<0.02	99.6	6.9	51	2.52	1
C333232		4.18	<0.005	<0.01	8.52	4.3	1080	1.56	0.01	0.22	<0.02	8.29	9.8	56	2.7	1.2
C333233		3.60	<0.005	<0.01	8.79	4.9	90	1.73	<0.01	0.18	<0.02	69.3	6.6	52	2.82	1.1
C333234		3.84	<0.005	<0.01	8.22	4.1	40	1.72	<0.01	0.17	<0.02	91.2	5.7	51	2.66	1.4
C333235		1.66	0.015	0.01	7.58	3.5	60	1.9	0.01	0.16	<0.02	51.7	4.8	54	3.55	1.8
C333236		1.80	<0.005	<0.01	8.72	3.4	40	1.68	0.01	0.18	<0.02	26.8	4	63	4.17	1.5
C333237		4.34	<0.005	0.01	8.53	3.8	40	1.54	0.01	0.18	<0.02	64.9	5.7	64	3.86	1.7
C333238		3.46	<0.005	0.04	8.22	3.5	80	1.76	0.02	0.19	<0.02	115.5	5.1	57	3.97	6
C333239		3.74	<0.005	0.01	7.79	2.8	290	1.17	0.05	0.18	<0.02	22.8	6.3	60	2.87	1.1
C333240		3.80	<0.005	<0.01	8.07	3	4460	1.28	0.03	0.24	<0.02	33.5	7.6	64	3.25	<0.2
C333241		3.16	0.011	<0.01	8.65	3.3	40	1.35	0.02	0.2	<0.02	59.8	6.8	57	3.62	5
C333242		3.52	<0.005	<0.01	8.55	3.3	70	1.6	0.01	0.17	<0.02	123	6.4	59	3.03	<0.2
C333243		3.44	<0.005	0.03	8.46	3.4	80	1.49	0.02	0.17	<0.02	70.1	4.8	55	3.21	2.6
C333244		3.20	<0.005	0.03	8.21	3.5	20	1.16	0.02	0.2	<0.02	72.6	4.7	47	2.97	2
C333245		3.22	<0.005	0.02	7.9	3.6	170	1.23	0.02	0.2	0.02	34.3	6	58	3.01	2.5
C333246		4.26	0.050	0.02	8.39	3.7	790	1.52	0.03	0.19	<0.02	97.5	6.3	57	3.97	2.8
C333247		Not Recvd														
C333248		4.06	<0.005	0.03	7.81	3.1	1240	1.25	0.07	0.27	<0.02	184	5.6	54	3.35	<0.2
C333249		2.78	<0.005	0.58	7.3	3.5	420	0.96	0.05	0.94	<0.02	42.4	7.5	55	2.71	10.8
C333250		3.04	<0.005	0.03	7.68	2.7	620	1	0.06	1.36	<0.02	52.1	7.3	47	2.77	0.9
C333251		1.44	<0.005	0.03	8.38	2.6	1080	0.95	0.14	1.98	<0.02	81.4	8.4	40	2.07	<0.2
C333252		2.22	<0.005	0.1	2.07	2	1650	0.45	0.34	9.9	<0.02	19.45	10.1	4	1	<0.2
C333253		2.62	<0.005	0.06	0.66	4.3	20	0.18	0.53	7.44	<0.02	20.9	16.5	4	0.19	3.5
C333254		2.52	<0.005	0.06	0.38	3.9	20	0.15	0.34	7.52	<0.02	6.9	7.9	<1	0.11	1.8
C333255		2.68	<0.005	0.06	0.32	4.2	20	0.07	0.38	5.33	<0.02	3.88	7.5	3	0.09	1.4
C333256		3.16	<0.005	0.05	0.79	5.9	20	0.16	0.63	8.17	<0.02	6.7	13.6	2	0.19	1.7
C333257		1.60	<0.005	0.08	0.29	4.9	10	0.08	0.64	5.94	<0.02	3.57	7.7	11	0.09	2
C333258		1.40	<0.005	0.05	0.32	4.6	10	0.09	0.62	5.95	0.02	6.36	7.7	2	0.09	1.5
C333259		2.90	<0.005	0.05	0.28	4	10	0.12	0.53	7.45	<0.02	5.43	8.1	8	0.11	1.7
C333260		1.48	<0.005	0.06	0.33	8	10	0.08	0.44	10.5	<0.02	8.74	6.6	2	0.11	2.2
C333261		2.42	<0.005	0.12	0.61	15	20	0.16	1.35	11.35	<0.02	9.66	36.2	4	0.15	2.2
C333262		3.60	<0.005	0.1	0.34	<5	10	0.1	0.6	11.05	<0.02	7.94	15.1	3	0.1	1.4
C333263		2.36	0.007	0.1	0.52	15.6	10	0.15	1.33	9.49	<0.02	7.42	34	16	0.15	2.4
C333264		3.10	<0.005	0.07	0.19	<5	10	0.06	0.3	11.65	<0.02	7.04	8	<1	0.07	1.5
C333265		3.32	<0.005	0.09	0.25	<5	20	0.15	0.3	17.55	<0.02	5.31	5.7	4	0.09	1.8
C333266		1.78	<0.005	0.05	0.3	12	20	0.12	0.6	15.65	<0.02	3.73	15.9	1	0.15	2.3
C333267		2.26	<0.005	0.06	0.33	5	10	0.12	0.59	9.76	<0.02	2.76	9.2	17	0.12	2.4
C333268		2.52	<0.005	0.05	0.33	14	10	0.15	0.95	14	<0.02	3.18	19.1	1	0.12	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 22-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333229	5.95	18.85	0.18	2.5	0.008	0.31	56	124.5	9.36	237	0.35	0.01	3.8	25.4	750
C333230	4.89	17.75	0.13	2.1	0.009	0.67	41	103.5	7.74	196	0.16	0.01	2.5	24.3	650
C333231	5.42	21.5	0.17	2.2	0.01	0.49	55.3	114.5	8.97	217	0.3	0.02	2	32.3	610
C333232	5.16	25.3	0.11	2.3	0.015	1.05	5.1	93	7.65	211	0.14	0.05	6.1	38.7	830
C333233	5.39	21.3	0.19	2.3	0.01	0.74	32.7	121.5	8.95	220	0.44	0.01	2.9	31.3	760
C333234	4.77	19.1	0.17	2.2	0.011	0.82	43.4	109.5	8.1	192	0.2	0.01	2.1	24.8	730
C333235	3.83	21.2	0.2	2.6	0.017	1.17	25.7	109	6.74	163	0.28	0.01	2.6	18.8	700
C333236	3.67	20.4	0.06	2.1	0.02	1.85	14.6	88.8	6.28	149	0.16	0.01	2.9	15.9	700
C333237	4.98	20.2	0.11	2	0.017	1.09	31.9	116	7.68	170	0.37	0.01	2	21.8	750
C333238	6.56	21.6	0.18	1.9	0.02	1.43	58.7	99.9	6.82	150	0.24	0.01	2.6	24	780
C333239	5.7	19.6	0.07	1.7	0.014	1.05	11.9	96.6	6.95	152	0.2	0.01	1.2	25.8	680
C333240	6.78	23.6	0.11	2	0.018	1.6	17.4	80.8	6.18	176	0.38	0.02	1.4	34.4	790
C333241	5.42	20.8	0.1	1.9	0.016	1.54	29.3	102.5	7.25	165	0.18	0.02	2.1	23.6	700
C333242	4.51	25.4	0.16	2	0.018	1.54	58.9	111.5	7.02	169	0.15	0.01	2.5	33.8	750
C333243	4.61	21.5	0.15	1.8	0.014	0.89	38.9	141	8.02	176	0.88	0.01	2.3	33	710
C333244	4.65	18.85	0.13	1.9	0.011	0.67	37	146	8.09	186	0.54	0.01	2.1	28.3	770
C333245	7.32	20.2	0.11	1.9	0.014	1	17.4	126	6.66	163	0.99	0.01	2	34.6	770
C333246	7.21	22.1	0.15	2	0.016	1.34	49.9	129	6.4	145	0.8	0.01	1.7	36.5	730
C333247															
C333248	7.07	21.5	0.21	2	0.016	1.33	91.8	110.5	5.87	210	0.98	0.01	1.5	33.3	700
C333249	7.35	16.7	0.11	1.8	0.019	1.22	23.9	104	5.63	459	1.83	0.06	2.2	25.2	690
C333250	6.51	19.8	0.12	2	0.026	2.25	28.3	85.1	5.29	711	0.72	0.02	2.5	28.1	750
C333251	4.98	22.6	0.14	2.6	0.037	4.58	45.1	74.2	4.32	1355	1.95	0.14	2.7	33.6	910
C333252	3.07	4.7	0.08	1.2	0.219	0.49	8.8	19.6	6.13	4310	2.9	0.36	1.1	3.3	780
C333253	4.24	1.27	0.06	0.3	0.235	0.03	16.6	10.4	11	4450	1.75	0.01	0.4	2.3	250
C333254	5.22	0.8	0.07	0.2	0.269	0.02	3.5	4.9	12.9	4900	4.08	0.01	0.3	0.2	110
C333255	5.41	0.77	0.07	0.1	0.237	0.01	1.6	3.7	12.3	5140	1.2	0.01	0.2	1	180
C333256	4.55	1.5	0.06	0.4	0.28	0.01	3.2	9.5	12.75	4720	1.45	0.01	0.6	1.8	420
C333257	3.22	0.72	0.05	0.1	0.201	0.02	1.9	3.5	8.07	4080	1.62	<0.01	0.3	0.9	170
C333258	3.77	0.79	0.05	0.1	0.213	0.02	4.3	3.6	9.44	4510	0.6	<0.01	0.3	0.6	160
C333259	3.72	0.65	0.05	0.1	0.293	0.01	1.9	3.5	9.93	4150	1.35	0.01	0.3	0.7	130
C333260	3.99	0.71	0.07	0.1	0.355	0.01	3.2	4	11.75	4780	0.77	0.01	0.3	<0.2	130
C333261	4.44	1.15	0.06	0.3	0.452	<0.01	3.5	7.1	11.05	5300	1.8	0.01	0.5	3.2	180
C333262	3.83	0.69	0.05	0.2	0.381	0.01	2.5	3.8	11.1	4210	0.91	0.01	0.4	<0.2	160
C333263	2.75	1.01	0.05	0.3	0.242	0.01	3.5	6	7.49	3110	2.2	0.01	0.6	3.9	190
C333264	3.81	0.49	0.07	0.1	0.348	0.01	2.3	2.2	11.6	4440	0.49	<0.01	0.3	<0.2	110
C333265	2.22	0.61	<0.05	0.1	0.051	0.06	2.1	2.4	10.4	3170	1.05	0.01	0.4	<0.2	120
C333266	2.67	0.57	<0.05	0.1	0.044	0.03	1.7	3.5	9.05	3440	0.81	0.01	0.4	<0.2	170
C333267	2.07	0.62	<0.05	0.2	0.044	0.05	1.2	3.1	5.55	3070	1.82	0.01	0.5	0.2	60
C333268	2.72	0.64	0.05	0.1	0.039	0.08	1.3	2.8	7.94	3660	0.62	0.01	0.4	<0.2	150

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333229		1.4	18.1	<0.002	0.02	1.76	12	1	2.8	22.6	0.31	<0.05	16.7	0.21	0.02	3.1
C333230		1.2	34.9	<0.002	0.02	1.62	13	1	3.4	14.7	0.22	0.09	15.3	0.17	0.05	2.4
C333231		1.1	28.1	<0.002	0.01	1.53	13.6	1	2.9	14.4	0.19	<0.05	14.3	0.168	0.04	4.3
C333232		1.1	53.3	<0.002	0.03	2.06	20.1	1	4.5	39.6	0.56	<0.05	15	0.245	0.1	3
C333233		1.5	29.5	<0.002	0.01	1.62	12.7	1	2.3	5.4	0.3	<0.05	14.7	0.18	0.05	4.5
C333234		1.4	32.2	<0.002	<0.01	1.56	12.6	1	1.8	4.1	0.21	<0.05	16.3	0.161	0.04	3.5
C333235		1.5	39.9	0.002	<0.01	1	18.3	1	1.3	4.7	0.2	<0.05	18.2	0.081	0.14	2.9
C333236		2	57.8	<0.002	<0.01	1.24	13.4	<1	1.5	4.4	0.24	<0.05	14.8	0.095	0.18	2.4
C333237		1.8	39.5	<0.002	<0.01	1.16	13.3	<1	1.3	3.9	0.2	<0.05	15.8	0.094	0.13	5
C333238		2	46.6	<0.002	0.01	1.24	13.3	<1	2	5.3	0.28	<0.05	13.9	0.132	0.14	5.9
C333239		1.3	35.3	<0.002	0.01	1.08	11.2	<1	1.6	9.4	0.16	<0.05	14.7	0.154	0.12	4.2
C333240		1.7	51.9	<0.002	0.12	1.21	13.5	<1	1.8	78	0.14	<0.05	16.6	0.137	0.18	8
C333241		1.3	47.4	<0.002	0.01	1.27	13.3	<1	1.7	6	0.21	<0.05	10.7	0.126	0.16	6.9
C333242		1.1	19.2	<0.002	<0.01	1.69	15.8	<1	2.6	3.3	0.28	<0.05	14.2	0.168	0.16	3.7
C333243		1.7	33.8	0.002	0.02	1.69	12.3	1	2.8	3.6	0.24	<0.05	14.1	0.134	0.1	3.6
C333244		2.3	23.4	<0.002	0.02	1.47	11	1	1.7	3.2	0.21	<0.05	15.7	0.11	0.09	5.7
C333245		2.3	40	0.002	0.02	1.51	12.5	1	2.1	5	0.21	<0.05	13.8	0.131	0.13	4.9
C333246		1.7	50.7	0.002	0.03	1.81	13	1	1.6	13.7	0.17	<0.05	16.8	0.105	0.13	7.7
C333247																
C333248		1.6	43	0.002	0.04	1.64	11.5	1	1.1	17.6	0.14	<0.05	14.6	0.088	0.14	5.5
C333249		6.7	36.9	<0.002	0.02	1.56	11	1	1.3	9.3	0.21	<0.05	13	0.11	0.12	6.9
C333250		1.9	65.4	0.002	0.02	1.68	14	1	1.6	14.1	0.25	<0.05	16	0.147	0.17	7.4
C333251		2	132	0.003	0.01	1.46	18.4	1	1.5	18.5	0.22	0.06	13.1	0.175	0.23	5.2
C333252		3.4	21.1	0.004	0.18	0.73	11.4	1	0.4	70.4	0.08	0.05	10.7	0.062	0.15	4.5
C333253		1.9	0.6	<0.002	0.49	0.24	1	1	0.2	22.7	<0.05	<0.05	1.1	0.009	0.1	2.4
C333254		1.6	0.5	<0.002	0.25	0.15	0.7	1	0.2	17.7	<0.05	<0.05	0.6	0.006	0.07	2.1
C333255		2.3	0.2	<0.002	0.29	0.12	0.5	1	<0.2	14.5	<0.05	<0.05	0.4	<0.005	0.05	1.3
C333256		2.3	0.3	<0.002	0.53	0.17	1.1	1	0.2	31.2	<0.05	<0.05	1.4	0.011	0.11	2
C333257		2	0.6	<0.002	0.28	0.18	0.5	1	0.2	21.5	<0.05	<0.05	0.5	0.006	0.18	1.5
C333258		2	0.4	<0.002	0.24	0.18	0.6	1	<0.2	22.5	<0.05	<0.05	0.5	0.006	0.16	1.5
C333259		1.5	0.2	<0.002	0.31	0.16	0.5	1	0.2	22.7	<0.05	<0.05	0.5	0.006	0.12	1.2
C333260		1.9	<0.1	<0.002	0.28	0.12	0.6	1	0.2	31.2	<0.05	<0.05	0.4	0.006	0.04	1.3
C333261		2.8	<0.1	0.002	1.34	0.2	0.9	1	0.2	38	<0.05	<0.05	0.7	0.009	0.19	2
C333262		1.6	<0.1	<0.002	0.63	0.14	0.6	1	0.2	29.1	<0.05	<0.05	0.6	0.006	0.16	1.7
C333263		3.7	0.2	0.002	1.08	0.29	0.8	1	0.2	34.4	<0.05	<0.05	0.7	0.008	0.69	1.6
C333264		1.7	0.3	0.002	0.38	0.08	0.4	1	<0.2	35.4	<0.05	<0.05	0.3	<0.005	0.17	1.7
C333265		1.4	2.5	<0.002	0.31	0.08	0.5	1	<0.2	70.1	<0.05	<0.05	0.5	0.006	0.12	2.3
C333266		2.6	1.3	<0.002	0.61	0.18	0.6	2	<0.2	62.6	<0.05	<0.05	0.6	0.006	0.26	2.8
C333267		2.4	2.1	<0.002	0.33	0.2	0.7	1	<0.2	34.3	<0.05	<0.05	0.6	0.006	0.11	2
C333268		2.6	3.4	<0.002	0.78	0.15	0.7	1	<0.2	53.4	<0.05	<0.05	0.4	0.006	0.36	2.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21
	Analyte	V	W	Y	Zn	Zr	Cu	Ag
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	1	0.1	0.1	2	0.5	0.001	5
C333229		80	10.7	5.6	48	71.1		
C333230		75	9	4.7	37	59.7		
C333231		78	8.6	4.8	37	62.6		
C333232		95	9.9	4.7	36	65.5		
C333233		77	5.4	5.3	43	65.3		
C333234		69	5.8	5	38	63.2		
C333235		61	2.6	5.7	35	81.2		
C333236		66	2.5	4.9	32	65.8		
C333237		76	2.5	5.2	36	66.9		
C333238		101	4.3	5.5	32	60.4		
C333239		66	5.8	3.9	27	54.4		
C333240		100	4	4.7	24	62.5		
C333241		78	4.3	5.1	30	61.6		
C333242		96	5.8	4.8	31	63.2		
C333243		105	7.3	4.5	34	58.6		
C333244		81	4.1	5.3	34	63.6		
C333245		100	4.6	4.9	27	59.1		
C333246		96	3.2	4.9	20	65.1		
C333247								
C333248		81	2.8	5	15	64.6		
C333249		86	8.7	4.9	21	59.3		
C333250		131	3	6.3	16	65.8		
C333251		162	3.6	7.4	17	98.9		
C333252		73	0.9	13.5	10	44.4		
C333253		8	0.5	5.2	7	10.7		
C333254		6	0.2	5.8	5	7.5		
C333255		4	0.1	4.3	6	4.5		
C333256		8	0.6	6.5	7	15.4		
C333257		4	0.3	3	7	5.4		
C333258		4	0.2	3.2	7	5.7		
C333259		4	0.2	5	5	4.6		
C333260		4	0.3	6	7	4.4		
C333261		6	0.5	7	7	11.1		
C333262		9	0.4	6.8	5	6.1		
C333263		12	0.7	4.8	5	8.3		
C333264		6	0.2	5.1	4	3.5		
C333265		7	0.3	3.7	4	4.2		
C333266		9	0.6	4.2	5	5.2		
C333267		8	0.5	4	5	8.9		
C333268		7	0.4	4	4	4.6		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333269		Not Recvd														
C333270		2.14	<0.005	0.1	0.64	5	10	0.22	1.03	14.4	<0.02	4.99	10.8	5	0.22	1.9
C333271		2.98	<0.005	0.07	0.61	12	40	0.22	1.07	12.85	<0.02	4.83	13.4	3	0.27	2.2
C333272		2.14	<0.005	0.05	0.35	11	160	0.19	0.63	12.1	<0.02	3.15	8.4	13	0.14	18.7
C333273		2.38	<0.005	0.11	0.71	10	370	0.27	0.93	16.25	<0.02	4.76	15.5	3	0.25	1.3
C333274		2.06	0.005	0.1	0.91	24	20	0.23	1.45	15.25	<0.02	4.19	23.7	5	0.34	2.9
C333275		1.72	<0.005	0.12	0.48	13	20	0.19	1.21	10.65	0.05	4.93	20.7	4	0.12	11.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 22-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10
C333269																
C333270		2.53	1.01	0.05	0.3	0.031	0.23	2.1	3.1	8.04	3630	1.21	0.01	0.7	<0.2	440
C333271		2.67	1.05	0.05	0.3	0.03	0.2	2.3	3.7	7.06	3530	1.29	0.01	0.6	<0.2	220
C333272		2.09	0.72	<0.05	0.2	0.049	0.13	1.3	2	6.67	3390	1.96	0.01	0.4	<0.2	100
C333273		2.9	1.19	0.05	0.3	0.039	0.19	2.1	5.2	9.17	4210	2.25	0.01	0.8	<0.2	360
C333274		3.71	1.44	0.06	0.5	0.048	0.15	1.7	8.7	8.78	4670	2.45	0.01	0.9	2.5	260
C333275		2.58	1.2	0.07	0.2	0.034	0.14	2.1	3.3	5.7	3060	2.19	0.01	0.6	6.8	350

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
C333269																
C333270		1.9	7.1	<0.002	0.5	0.17	0.9	1	<0.2	54	<0.05	<0.05	0.9	0.014	0.23	2.6
C333271		3.5	6.5	<0.002	0.67	0.22	0.8	1	<0.2	46.9	<0.05	<0.05	0.9	0.011	0.21	2.9
C333272		2	5.1	<0.002	0.41	0.21	0.6	1	<0.2	44.1	<0.05	<0.05	0.6	0.007	0.11	2.4
C333273		2	6.6	0.002	0.49	0.18	1	1	0.2	63.7	0.05	<0.05	1.2	0.014	0.16	3
C333274		4.8	4.8	0.002	1.07	0.28	1	2	0.2	53.3	0.05	<0.05	1.2	0.012	0.55	3.2
C333275		5.3	6.1	0.002	0.64	0.43	0.8	3	<0.2	39.6	<0.05	<0.05	0.8	0.01	0.26	2.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125580

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001	Ag-GRA21 Ag ppm 5
C333269								
C333270		6	0.6	4.4	3	9.2		
C333271		5	0.5	3.8	5	9.1		
C333272		3	0.3	4.4	4	7.6		
C333273		5	0.7	5.2	4	11.1		
C333274		8	0.7	6.1	9	17.4		
C333275		5	1	3.8	7	7.9		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE VA07125587

Project: Werneckes

P.O. No.: FRG07-01

This report is for 226 Drill Core samples submitted to our lab in Terrace, BC, Canada on 8-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07125587

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
G244001	3.64	<0.005	0.14	6.29	3.7	280	1.8	0.06	4.75	<0.02	105	7.8	31	4.95	<0.2
G244002	2.32	<0.005	<0.01	6.1	3.3	250	1.53	0.05	4.23	<0.02	37	7.8	32	5.44	<0.2
G244003	0.08	<0.005	<0.01	0.07	0.8	10	<0.05	<0.01	0.01	<0.02	2.81	0.1	2	<0.05	1.2
G244004	3.06	<0.005	0.01	6.57	3.8	380	1.65	0.07	4.78	<0.02	60.5	10	32	5.42	<0.2
G244005	3.76	<0.005	<0.01	7.38	2.6	820	2.86	0.11	4.35	<0.02	59.5	9.5	43	4.34	<0.2
G244006	3.38	<0.005	0.01	6.91	3.1	900	2.36	0.13	4.82	<0.02	109.5	10.9	32	4.74	<0.2
G244007	3.08	<0.005	0.01	6.4	3.6	240	2.27	0.04	5.82	<0.02	81.6	11.5	31	4.92	<0.2
G244008	1.68	<0.005	0.04	5.62	2.4	550	2.26	0.75	6.46	<0.02	445	11	23	4.6	0.7
G244009	2.82	<0.005	<0.01	7.53	4.5	480	2.61	0.11	3.42	<0.02	27.7	10.9	42	2.94	<0.2
G244010	2.96	<0.005	0.04	7.99	2.6	530	2.64	0.05	3.02	<0.02	57.4	10.7	41	2.82	0.9
G244011	2.12	<0.005	0.02	7.11	4.3	340	2.65	0.05	3.93	<0.02	112.5	13.4	37	3.37	1.2
G244012	2.38	<0.005	0.05	5.84	2.5	350	1.64	0.13	7.66	<0.02	271	19.2	23	2.64	1.1
G244013	4.50	<0.005	0.06	7.19	2.3	1510	2.78	0.38	5.87	<0.02	225	14.5	30	3.54	6.9
G244014	0.90	<0.005	0.07	4.24	3.4	1510	1.53	0.61	5.62	<0.02	119	13.5	16	2.26	215
G244015	0.84	<0.005	0.09	5.06	4.2	1340	1.92	0.87	6.12	<0.02	156.5	14.7	19	2.7	147
G244016	1.98	<0.005	0.05	5.63	2.1	7960	1.64	0.37	7.78	<0.02	110	22.9	19	2.32	16.2
G244017	3.34	<0.005	0.03	7.46	1.9	4950	1.99	0.12	3.26	<0.02	30.5	23	37	2.5	7.3
G244018	2.06	<0.005	0.02	7.12	2.1	530	1.54	0.01	2.13	<0.02	9.09	22.8	36	2.8	0.7
G244019	2.38	<0.005	0.02	7.43	2.3	530	1.88	0.03	2.18	<0.02	41.3	18.7	41	2.91	0.5
G244020	4.42	<0.005	0.04	7.47	2.1	250	1.71	0.14	3.89	<0.02	47.3	16.1	32	3.76	1.1
G244021	2.14	0.036	0.03	7.05	2.1	300	1.31	0.06	4.97	<0.02	7.96	14.3	31	3.43	1
G244022	1.78	<0.005	0.04	7.26	2.9	550	1.57	0.07	4.92	<0.02	63.3	17.2	34	3.01	0.8
G244023	1.34	<0.005	0.04	6.97	2.8	380	0.67	0.06	5.2	<0.02	70.6	21.1	33	1.19	0.6
G244024	2.34	<0.005	0.05	7.17	3.2	1800	0.78	0.08	4.62	<0.02	23.7	22.3	33	0.77	0.9
G244025	0.12	0.010	39.9	4.67	1115	520	0.74	33.1	6.92	0.41	24	44.7	275	1.16	4550
G244026	1.00	0.497	0.06	7.1	2.7	1230	0.73	0.09	4.87	<0.02	38.5	23	37	1.26	2.5
G244027	2.22	<0.005	0.04	6.23	2.2	870	0.64	0.03	6.98	<0.02	37.9	23.8	27	1.64	1.5
G244028	2.56	<0.005	0.06	6.96	2.8	850	0.76	0.03	6.83	<0.02	41.7	22.9	34	2.49	9.9
G244029	2.00	<0.005	0.04	5.14	3.8	890	0.55	0.06	7.03	<0.02	55	29.3	24	1.29	1.7
G244030	3.52	<0.005	0.04	7.46	3.7	780	2.97	0.03	4	<0.02	85.4	21.3	42	1.97	1.8
G244031	2.24	0.005	0.08	6.72	2.7	720	2.24	0.12	5.4	<0.02	78.2	25	34	1.23	7.7
G244032	1.72	0.019	0.03	7.06	2.6	750	2.68	0.04	5.08	<0.02	82.9	24.1	37	1.34	6.6
G244033	3.18	<0.005	0.04	7.31	2.3	920	3.2	0.03	3.72	<0.02	88.9	20.6	43	2.09	8.1
G244034	2.16	<0.005	0.03	8.23	2.6	940	3.93	0.02	2.81	<0.02	95.1	19.4	55	1.69	10.1
G244035	0.08	<0.005	0.01	0.06	<0.2	10	<0.05	<0.01	0.01	<0.02	2.72	0.1	1	<0.05	1
G244036	2.54	<0.005	0.04	7.11	2.1	780	2.91	0.03	4.62	<0.02	94.8	27.4	36	2.09	7.1
G244037	2.00	<0.005	0.03	6.73	2.2	500	2.49	0.02	4.77	<0.02	78.6	23.9	33	2.49	2.3
G244038	2.32	<0.005	0.03	6.03	2.5	820	1.81	0.02	5.47	<0.02	77.6	27.1	29	1.97	3.4
G244039	1.58	<0.005	0.04	6.54	2.5	880	2.58	0.02	4.82	<0.02	79.2	24.1	32	1.7	6
G244040	1.94	<0.005	0.07	7.65	6.8	2100	3	0.1	3.74	<0.02	148.5	26.9	43	1.77	79.8

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 30-NOV-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244001		5.28	20.2	0.22	1.6	0.138	3.53	58.4	22	3.06	2910	0.57	0.03	3.9	8.2	660
G244002		5.43	13.35	0.15	1.9	0.1	3.05	20.7	29	3.29	2360	0.66	0.03	5	8.1	620
G244003		0.03	0.18	0.05	0.8	<0.005	0.01	1.6	2.3	0.01	9	0.06	0.01	0.2	0.4	10
G244004		5.87	15.45	0.17	1.7	0.112	3.08	34.4	35.9	3.85	2700	0.73	0.04	3.6	9.6	650
G244005		4.75	31.6	0.16	1.8	0.137	3.95	33.4	30.7	3.14	2450	0.55	0.04	6.8	12.9	580
G244006		4.57	20.7	0.22	1.6	0.123	3.54	60.5	35.2	3.65	2770	0.5	0.03	4.5	11.6	620
G244007		4.97	16.2	0.19	1.4	0.128	3.23	46.1	36.5	4.12	3360	0.55	0.04	4.5	11.2	610
G244008		3.05	16.6	0.48	1.4	0.154	3.11	237	29.5	3.92	4300	0.7	0.04	3.9	10	510
G244009		5.14	23.6	0.15	2	0.144	4.02	15.2	32.1	2.88	1910	0.65	0.03	6.8	17.7	750
G244010		4.8	24.4	0.11	2	0.133	4.21	32.3	21.2	2.74	1755	0.67	0.04	6.3	16.6	730
G244011		4.97	17.75	0.18	2.2	0.14	3.6	62.4	38.3	3.64	2300	0.66	0.03	7.1	17	690
G244012		3.94	13.9	0.22	1.5	0.167	2.66	146	26.4	5.4	4680	0.62	0.03	4	18.5	530
G244013		3.21	23.7	0.24	1.9	0.17	3.61	121	27.2	4.33	3400	1.27	0.04	7.1	20.9	670
G244014		2.55	12.1	0.15	0.9	0.117	2.02	60	16.5	3.66	3650	0.82	0.03	2.9	14.7	380
G244015		2.75	15.5	0.17	1.1	0.154	2.49	77.6	18.8	4.06	4100	1.01	0.03	3.7	16	430
G244016		4.57	14.25	0.13	1.3	0.1	1.68	60.9	48.3	6.84	3680	0.72	0.08	2.9	23.8	470
G244017		6.38	18.85	0.09	2.2	0.059	2.14	16.6	59.8	5.42	1400	1.37	0.05	3.9	23.5	770
G244018		7.51	14.2	0.09	2.2	0.037	1.6	5	69.8	5.51	899	2.17	0.02	2.9	18.3	760
G244019		6.48	20.1	0.09	2.4	0.049	2	22.4	59.5	5.05	884	3.33	0.02	4.8	21.2	770
G244020		5.8	17.75	0.11	2.1	0.06	2.61	27.2	49.2	5.05	1800	5.68	0.02	4.4	17.9	750
G244021		5.37	13.85	0.07	2.1	0.046	2.9	3.9	33.7	4.72	2390	5.35	0.03	4.6	12.2	640
G244022		6.6	18.15	0.13	2.2	0.065	2.93	36.7	22.6	3.41	3550	5.86	1.06	4.6	14.1	640
G244023		6.28	13.15	0.12	2.1	0.017	1.78	42.8	7.4	2.29	4810	5.24	3.38	4.7	14.8	650
G244024		5.95	14.5	0.09	2	0.017	1.67	13.5	10.9	2.09	4260	4.29	3.68	5.3	21.9	660
G244025		4.45	13.35	<0.05	0.7	0.168	1.51	17.8	10.7	0.85	1790	720	0.68	1.8	19.8	580
G244026		6.98	13.6	0.09	1.9	0.03	3.29	22.3	12.6	2.45	4490	3.14	2.17	2.9	30.1	600
G244027		6.55	9.75	0.11	1.7	0.063	3.49	21.2	16.1	3.1	6820	2.91	1.34	2.3	13	560
G244028		5.78	10.6	0.11	1.8	0.046	5.01	23.4	10	3.15	6100	5.73	1.08	7.5	12.1	570
G244029		6.55	7.23	0.12	1.5	0.037	4.8	31.1	8.7	3.2	6000	3	0.28	3.7	13.9	550
G244030		5.59	23.1	0.14	2	0.095	4.33	46.8	21.9	2.01	3740	4.69	1.14	5.3	15.4	700
G244031		6.34	16.85	0.14	1.9	0.087	3.13	44.6	15.3	2.27	5170	8.66	1.55	6	17.6	670
G244032		6.21	19.75	0.15	2	0.107	3.57	45.6	18.1	2.22	4930	10.65	1.34	5.7	17.1	630
G244033		6.68	22.3	0.15	2	0.121	4.01	46.2	29.5	1.89	3840	6.38	0.95	6.2	20.3	690
G244034		7.04	27.1	0.18	2.2	0.116	4.45	50.6	28.6	1.35	2760	10.65	1.4	5.4	30.4	790
G244035		0.03	0.18	<0.05	0.8	<0.005	0.01	1.5	1.7	0.01	10	0.12	<0.01	0.2	0.4	10
G244036		6.64	20.9	0.15	2.2	0.081	3.04	54.4	24	1.98	4570	9.56	1.69	5.8	27.3	700
G244037		6.85	18.4	0.13	2	0.079	3.02	45.4	22.6	2.08	4820	4.48	1.34	3.5	21.9	640
G244038		7.73	14.95	0.15	1.9	0.061	2.26	45.5	20.8	2.21	5780	7.67	1.66	3.5	21.5	590
G244039		7.11	18.25	0.13	2	0.098	3.01	47.8	29.8	2.22	5020	7.39	0.85	4.3	18	630
G244040		4.72	23.5	0.17	2	0.117	5.61	97	30.1	2.4	2860	6.86	0.1	8.6	21.3	760

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244001	3	160.5	0.002	0.01	1.42	15.1	<1	3.5	13	0.35	<0.05	14.4	0.177	0.35	7.6
G244002	1.4	111.5	<0.002	0.01	1.64	10.2	<1	2.1	12.8	0.44	<0.05	14.6	0.186	0.27	9.2
G244003	1.1	0.4	<0.002	0.01	0.08	0.2	<1	<0.2	2	<0.05	<0.05	0.4	0.006	<0.02	0.3
G244004	2	129.5	0.002	0.01	1.56	10.1	<1	2.4	17.6	0.31	<0.05	14.5	0.168	0.29	9.8
G244005	1.6	199	<0.002	0.01	1.7	19.7	<1	4.9	17.7	0.57	<0.05	16.1	0.224	0.36	7.1
G244006	1.4	157	0.002	0.02	1.6	12.5	<1	3.1	22.4	0.38	<0.05	14.3	0.172	0.33	6.6
G244007	1.7	144	0.002	<0.01	1.69	10	<1	2.2	15.5	0.39	<0.05	13.9	0.174	0.31	7
G244008	1.7	146	0.002	0.01	1.34	9.5	<1	2.2	21.7	0.31	0.05	13	0.14	0.31	6.7
G244009	2.5	182.5	<0.002	<0.01	1.39	13.5	<1	4.3	11	0.61	<0.05	15.2	0.267	0.36	5.7
G244010	1.7	210	<0.002	<0.01	1.54	13.8	1	4.9	9.3	0.59	<0.05	14.1	0.248	0.36	5
G244011	1.4	166	0.002	<0.01	5.89	10.8	<1	3.1	13.4	0.6	<0.05	13.3	0.253	0.32	6.7
G244012	1.7	118	<0.002	0.01	1.23	8.7	2	2.6	22.7	0.39	<0.05	7.5	0.177	0.21	6
G244013	1.8	186	<0.002	0.04	1.43	13.6	2	6	35.6	0.62	<0.05	12.4	0.225	0.42	5.7
G244014	2.5	106.5	0.002	0.24	0.73	9.5	2	2.9	1340	0.23	0.09	6.1	0.098	0.21	6.8
G244015	2.2	130	0.002	0.26	0.78	11	2	3.8	1135	0.31	0.08	6.6	0.124	0.25	6.4
G244016	1.8	84.1	<0.002	0.31	0.9	11.8	2	3.9	478	0.25	0.08	8	0.133	0.14	5.9
G244017	1.5	102.5	0.002	0.13	1.27	13.4	1	5.6	85.5	0.35	<0.05	11.5	0.208	0.16	5.8
G244018	1.5	66.2	0.002	0.02	1.13	8.3	2	3.3	12.2	0.29	<0.05	13.3	0.201	0.11	6.6
G244019	1.9	93.4	0.002	0.01	1.27	13.2	2	5.5	11.8	0.41	<0.05	20.7	0.208	0.18	6.8
G244020	2.2	94.4	0.002	0.01	1.42	10.9	2	4	12.6	0.39	<0.05	17.2	0.168	0.2	17.4
G244021	5	81.7	<0.002	0.01	1.46	6.8	1	2.8	15.4	0.42	<0.05	12.3	0.199	0.15	14
G244022	1.4	103.5	0.003	0.04	1.41	12.8	2	5	27.5	0.47	<0.05	14.8	0.235	0.28	6.6
G244023	1.4	57.2	0.002	0.03	1.24	6.8	2	2.8	38.8	0.46	<0.05	13.8	0.205	0.31	5.6
G244024	1.8	51.9	0.002	0.09	1.43	5.9	2	2.4	59.9	0.5	<0.05	14.9	0.159	0.31	9.6
G244025	68	36.1	0.057	0.76	96	6	5	<0.2	290	0.12	3.97	2.2	0.121	0.17	2.5
G244026	2.3	96.3	0.002	0.04	1.39	5.2	1	2.2	45.3	0.35	<0.05	9.2	0.142	0.5	8.6
G244027	1.6	107.5	0.003	0.04	1.18	4.8	1	2.4	37.7	0.31	<0.05	11.8	0.161	0.45	8.6
G244028	1.9	138	0.002	0.02	1.39	6	1	2.7	31.8	0.59	<0.05	9.7	0.167	0.63	9.7
G244029	5.3	131.5	0.003	0.08	0.98	4.1	2	2.6	36.2	0.37	<0.05	9.6	0.175	0.56	4.3
G244030	1.6	174.5	0.003	0.03	1.12	13.2	2	9.3	22.7	0.52	<0.05	13	0.247	0.48	4.3
G244031	1.7	139.5	0.002	0.03	0.88	9.6	2	6.4	33.3	0.57	<0.05	12.4	0.222	0.34	3.6
G244032	1.3	159	0.003	0.04	0.84	12.2	1	6.9	26.1	0.52	<0.05	12.9	0.231	0.38	3.5
G244033	5.3	166.5	0.003	0.02	0.98	12.2	2	8.4	21.5	0.54	<0.05	11.9	0.237	0.47	3.2
G244034	1.3	189	0.003	0.01	0.89	13.7	2	13.3	21.2	0.46	<0.05	13.2	0.192	0.53	3.3
G244035	0.9	0.6	<0.002	0.01	<0.05	0.2	2	<0.2	2	<0.05	<0.05	0.4	0.005	<0.02	0.2
G244036	3	152.5	0.002	0.02	0.95	12.1	2	8.3	38.1	0.61	<0.05	14.9	0.155	0.43	6.7
G244037	1.3	140.5	0.002	0.02	0.74	11.7	1	7.6	28.1	0.36	<0.05	12.1	0.113	0.39	6
G244038	1.6	110	0.004	0.03	0.83	8.8	1	5.6	37	0.33	<0.05	12.9	0.098	0.32	5.4
G244039	1.4	151.5	0.004	0.03	0.89	11.1	1	9.6	29.6	0.39	<0.05	12.6	0.121	0.42	5.6
G244040	4.5	195.5	0.006	0.13	1.93	12.4	2	22.5	28.4	0.73	<0.05	21	0.165	1.07	56.8

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CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
G244001		67	5.5	8.8	7	50.5		
G244002		57	4.4	8.9	12	58.2		
G244003		<1	<0.1	1.8	3	24.7		
G244004		60	4.3	9.5	13	51.9		
G244005		84	5.8	9.1	8	56.9		
G244006		65	5.2	8.3	12	51.2		
G244007		60	5.2	9.9	16	45		
G244008		53	5	11.4	7	43		
G244009		76	6.3	8.9	10	63.7		
G244010		81	6.5	8.4	10	57.2		
G244011		67	6.5	10.8	12	69.4		
G244012		54	6.7	15.5	14	42.7		
G244013		70	9.4	13.5	11	55.8		
G244014		45	4.8	7.9	12	26.8		
G244015		54	5.7	9.6	12	31.6		
G244016		59	7.7	10.8	23	37.5		
G244017		75	8.3	10.3	31	65.6		
G244018		81	5.5	9	36	64.4		
G244019		77	6.6	10	26	70.8		
G244020		70	6.8	11.2	16	61.5		
G244021		64	4.5	10.7	12	59.5		
G244022		71	5.5	13.7	7	65.1		
G244023		61	4	12	6	62.9		
G244024		58	5.6	10.4	9	58.8		
G244025		64	17.1	10.2	117	21.8		
G244026		66	5.2	10.1	11	56.1		
G244027		49	2.9	12.5	8	50		
G244028		44	3.6	12.1	11	52.5		
G244029		47	3.5	11.2	10	45.2		
G244030		75	6.5	11.6	5	59.7		
G244031		59	5.2	13.5	3	55.3		
G244032		68	6.5	12.7	3	57.8		
G244033		71	7.7	11.8	5	58.2		
G244034		83	10.6	11.3	3	62.5		
G244035		1	<0.1	1.8	3	22.8		
G244036		63	9.2	14.9	5	65.8		
G244037		62	7.6	12.4	4	60.6		
G244038		52	6.9	12.9	5	57		
G244039		59	9.8	12.9	8	59.4		
G244040		68	24.1	18.3	12	60.2		

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CERTIFICATE OF ANALYSIS VA07125587

Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
Sample Description															
G244041	1.16	0.016	0.1	7.45	28.9	950	2.29	0.19	3.18	<0.02	70.7	150	46	1.76	5.7
G244042	1.48	0.010	0.06	3.89	19	2700	0.92	0.15	9.1	<0.02	27.6	106	21	0.8	47.4
G244043	1.56	0.013	0.06	4.93	17.7	570	1.63	0.18	8.24	<0.02	110	87.9	23	1.7	117
G244044	1.84	0.014	0.06	4.85	17.1	590	1.58	0.16	8.4	<0.02	83.4	85.6	24	1.62	72.6
G244045	2.18	0.035	0.12	3.24	40.7	430	0.95	0.64	9.6	<0.02	150	200	15	1.68	440
G244046	2.60	0.026	0.19	2.84	35	470	0.7	0.17	10.35	<0.02	109.5	128	13	1.07	512
G244047	1.48	0.056	0.11	6.54	90.6	850	2.01	0.38	2.51	<0.02	93.9	392	39	2.28	262
G244048	2.38	0.014	0.07	7.26	41.3	1040	2.7	0.22	1.79	<0.02	114	133	48	1.89	95.3
G244049	2.04	0.008	0.05	6.23	21.9	940	2.1	0.12	2.34	<0.02	146.5	88.2	38	3.29	15.2
G244050	2.32	0.007	0.06	7.63	28.4	990	3.52	0.14	0.63	<0.02	181.5	103	56	2.73	3.9
G244051	8.18	0.005	0.11	7.41	3.1	370	3.41	0.14	0.45	<0.02	24.5	23.7	74	4.56	19.3
G244052	4.94	0.008	0.05	7.02	3.9	570	2.7	0.1	0.51	<0.02	73.8	13.9	80	4.59	193.5
G244053	2.12	0.014	0.04	5.55	40.3	720	2.79	0.24	0.53	<0.02	156	159	44	1.74	11.2
G244054	0.06	0.029	0.39	6.4	20.4	50	10.9	13.55	1.6	0.05	15.4	34.4	46	0.75	119.5
G244055	1.82	0.009	0.04	8.01	14.9	1930	3.45	0.2	1.04	<0.02	88.2	78.1	58	4.01	13.6
G244056	1.48	0.026	0.1	6.56	67.3	1100	2.8	0.5	4.18	<0.02	117.5	265	39	2.14	113
G244057	2.10	0.012	0.05	8.21	14.5	1830	3.6	0.11	0.66	<0.02	134	65.1	60	2.68	3.2
G244058	1.60	0.005	0.06	7.72	12	950	3.17	0.07	1.13	0.05	139.5	49.6	53	2.95	3.2
G244059	2.78	0.005	0.04	8.16	14.8	1160	3.8	0.16	1.4	<0.02	125.5	68.5	54	3.72	36.9
G244060	2.12	0.008	0.04	6.14	21.7	920	1.58	0.18	3.85	<0.02	76.2	117	32	2.29	13
G244061	1.06	0.008	0.05	7.91	37.8	940	2.85	0.17	2	<0.02	72.3	153	49	3.42	19.9
G244062	2.22	0.024	0.1	6.76	51.4	1130	3.18	0.45	3.77	<0.02	118	225	36	2.2	131.5
G244063	2.18	0.015	0.08	7.38	46.5	940	3.33	0.37	1.15	<0.02	57.4	202	47	2.25	9
G244064	0.08	<0.005	0.02	0.05	<0.2	10	<0.05	0.01	0.01	<0.02	2.1	0.3	1	<0.05	1
G244065	2.50	0.030	0.09	6.87	57.1	1000	3.49	0.22	1.95	<0.02	480	199	41	2.25	38.4
G244066	1.46	0.013	0.11	7.56	97.9	1020	3.43	0.51	1.57	<0.02	64.3	300	52	3.25	11.9
G244067	2.98	0.082	0.18	6.64	64.6	880	2.96	0.61	2.85	<0.02	171	220	39	2.46	751
G244068	2.34	0.009	0.06	6.61	34	1000	2.58	0.21	2.72	<0.02	97.1	134	39	1.49	46.8
G244069	2.60	0.007	0.06	7.49	33.4	990	4.27	0.21	1.25	<0.02	97	87.9	47	2.87	25.4
G244070	2.16	0.014	0.06	7.05	27.6	840	3.48	0.16	2.02	<0.02	97.3	118	41	2.53	102.5
G244071	2.54	0.016	0.07	7.49	36.4	2930	4.11	0.24	1.89	<0.02	126	93.9	47	2.08	407
G244072	2.94	0.028	0.07	6.92	30	920	3.03	0.23	2.21	<0.02	103	111.5	39	2.16	366
G244073	1.84	0.060	0.12	7	35.6	820	3.58	0.27	2.18	<0.02	165.5	121	40	2.5	1170
G244074	1.40	0.088	0.16	7.12	39.6	850	3.54	0.26	2.28	<0.02	164.5	119	43	2.42	1790
G244075	2.88	0.012	0.06	6.3	32.6	690	3.6	0.21	0.8	<0.02	157	111.5	37	1.94	50.5
G244076	3.26	0.015	0.06	7.22	36.5	800	3.25	0.34	0.77	<0.02	127	130	49	1.76	23.8
G244077	1.40	0.032	0.1	6.61	24.7	860	2.76	0.16	0.8	<0.02	136	102	31	1.43	20.5
G244078	2.38	0.014	0.06	6.37	22.1	880	1.98	0.22	2.3	<0.02	111	118.5	33	1.1	15
G244079	1.90	0.050	0.14	5.81	49.3	1080	1.88	0.41	2.6	<0.02	146	224	29	1.06	27.5
G244080	1.74	0.045	0.11	5.94	28.5	990	2.48	0.21	1.01	<0.02	126.5	125.5	25	1.18	12.8

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Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244041	6.69	20.2	0.13	2	0.097	5.52	48.1	31.4	2.17	2520	6.79	0.09	4.5	27.4	720
G244042	10.65	11.95	0.15	1	0.136	3.31	16.7	15.6	4.47	7270	16.9	0.06	2.5	27.3	1090
G244043	8.7	15.6	0.16	1.5	0.148	3.4	72.8	26.8	4.34	5610	6.39	0.12	4.1	17.2	490
G244044	8.53	14.4	0.14	1.4	0.139	3.35	56.2	24.7	4.4	5720	5.62	0.2	3.6	16.5	520
G244045	12.85	9.9	0.21	1	0.096	2.08	103.5	27.6	4.74	7090	13.7	0.05	2.8	23.4	390
G244046	10.75	6.94	0.12	0.7	0.098	1.71	74.1	16.2	4.81	7190	8.18	0.28	2	12.7	260
G244047	10.6	16.8	0.16	1.7	0.083	4.32	62.5	36.8	1.73	1775	8.93	0.43	4.6	25.4	550
G244048	9.51	20	0.15	1.8	0.104	5.1	74.5	42.4	1.38	1320	8.93	0.21	6.4	18.6	650
G244049	9.52	15.2	0.16	1.7	0.074	3.6	94.1	51.7	2.04	1530	7.65	0.24	4.1	15.3	500
G244050	11.2	22	0.19	1.9	0.11	4.92	115.5	60.1	1.16	460	3.47	0.1	7.7	20.2	660
G244051	0.86	20	<0.05	0.7	0.06	1.21	13	6.7	0.19	229	2	4.2	4.7	8.8	640
G244052	2.81	20.6	0.08	0.4	0.068	1.67	39.6	26.8	0.6	479	0.74	1.86	7	54.9	690
G244053	7.13	17.55	0.15	1.4	0.084	3.35	100.5	44.4	0.78	377	11.35	0.06	6.3	18.7	600
G244054	2.04	63.5	0.06	4.2	0.038	0.22	7.5	359	8.13	321	38.5	0.06	10.9	162	880
G244055	6	23.7	0.11	1.9	0.116	4.29	55.4	66.3	1.51	663	1.29	0.59	6.2	19.9	710
G244056	8.06	20.2	0.15	1.7	0.117	3.8	74.5	44.7	2.55	2990	6.03	0.25	6.1	25.2	400
G244057	7.07	25.1	0.14	2.1	0.11	4.87	84.7	56.5	0.98	453	3.33	0.57	7.7	18.8	710
G244058	6.05	22.2	0.14	2.1	0.096	4.42	88	51.3	1.05	963	3.29	0.86	5.5	16.2	730
G244059	6.53	24.8	0.14	2.1	0.122	5.16	77.5	68.3	1.47	930	4.73	0.17	6.7	17.6	790
G244060	8.24	11.6	0.12	1.8	0.072	4.84	47.3	45.8	2.03	4490	6.42	0.05	3.8	17.1	600
G244061	9.11	17.8	0.15	2.3	0.075	5.54	43.2	75.7	2.06	2180	5.78	0.06	3.6	19.8	660
G244062	8.83	18.85	0.14	1.7	0.124	4.19	77	48.2	2.11	3230	7.27	0.06	7.1	25.1	530
G244063	10.8	18.5	0.13	1.9	0.096	4.79	37.3	49.7	1.14	1180	9.81	0.14	7.4	25.5	680
G244064	0.03	0.14	<0.05	0.7	<0.005	0.01	1.3	1.8	<0.01	<5	0.08	<0.01	0.1	0.3	10
G244065	12.1	20.4	0.34	2	0.097	4.18	333	51	1.5	1830	22.2	0.06	7.2	31.1	660
G244066	8.39	22.6	0.14	2.1	0.113	4.87	41.4	63.6	1.57	1495	8.69	0.06	8.1	28.2	620
G244067	10.95	16.35	0.19	1.8	0.096	4.86	117.5	44.7	1.65	2950	25.8	0.09	6.4	30.5	570
G244068	9.81	15.55	0.14	1.9	0.076	4.57	63.7	29.7	1.35	2780	12.95	0.47	5.7	21.9	590
G244069	7.39	21.7	0.15	2.3	0.106	4.75	59.5	45.2	1.26	1170	6.18	0.09	8.9	22	650
G244070	8.69	18.4	0.14	2.2	0.085	4.52	59.2	43.6	1.61	1900	7.15	0.06	7.3	24.1	620
G244071	8.29	20.2	0.17	2.3	0.101	5.43	81.1	37.6	1.39	1490	6.55	0.08	7.6	22.4	690
G244072	8.92	17.35	0.17	2	0.078	4.84	65.8	40.3	1.45	2040	7.97	0.07	6.3	24.6	610
G244073	10.2	19.85	0.22	2.1	0.107	4.45	107	45	1.29	2340	12.9	0.18	7.2	27.5	620
G244074	11.45	19.85	0.21	2.1	0.11	4.57	106	43.1	1.34	2480	13.9	0.2	7.3	27.7	650
G244075	13.95	18.7	0.22	2.1	0.087	3.93	95.8	38.5	0.74	839	8.21	0.05	6.6	31.7	550
G244076	11.6	17.95	0.18	2.2	0.078	5	84.4	33.7	0.72	774	21.4	0.24	6.2	28.4	610
G244077	8.89	19.2	0.15	2.9	0.065	4.65	95.7	30.1	0.62	826	17.55	0.33	7.6	20.6	570
G244078	9.27	14.95	0.16	2.3	0.053	5.5	77.7	21.6	0.94	2390	4.36	0.31	5.8	21.2	490
G244079	11.1	15	0.18	2.2	0.048	4.82	102.5	23	1.08	2540	28.9	0.23	5.1	38.4	530
G244080	10.15	19.3	0.17	2.9	0.06	4.4	90.3	30.9	0.68	1005	9.37	0.23	7.1	28.5	540

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244041	2.9	188	0.004	0.67	1	10.7	2	15.2	16	0.39	0.18	10.5	0.106	1.01	7.7
G244042	2.6	94.8	0.004	0.46	0.95	9.5	2	5.9	83.4	0.18	0.09	5.9	0.061	0.65	4.8
G244043	2.2	133.5	0.004	0.48	1.07	20.6	2	12.7	25	0.34	0.14	8.3	0.086	0.65	5.5
G244044	2	124	0.003	0.49	0.99	18.8	2	11.3	25.1	0.27	0.16	7.4	0.084	0.6	5
G244045	2.8	72.1	0.007	1.26	1.32	16.8	2	5.9	34.8	0.21	0.4	6.1	0.057	0.41	5.2
G244046	8.4	55.7	0.004	0.48	0.66	20.2	2	2.9	40.4	0.13	0.11	5.3	0.038	0.34	2.7
G244047	2.1	154.5	0.007	1.51	0.85	12.5	3	9.2	14.4	0.24	0.34	11	0.072	0.9	4.8
G244048	1.9	182	0.011	0.41	0.85	14	2	12.9	15	0.32	0.14	12.4	0.1	1.04	5.6
G244049	1.8	130	0.005	0.21	0.87	11	2	8.8	15.5	0.24	0.07	11.4	0.071	0.8	6.1
G244050	2.5	188.5	0.003	0.22	0.84	14	2	15.4	9.6	0.37	0.09	14.4	0.11	1.16	3.4
G244051	2.6	79.1	<0.002	0.13	0.57	13.1	1	1.3	106	0.31	0.06	9.9	0.156	0.26	2.5
G244052	1.7	96.2	<0.002	0.07	0.49	13.5	1	1.4	83.9	0.45	<0.05	8.6	0.205	0.24	1.5
G244053	1.7	151.5	0.004	0.53	0.81	10.4	2	11.1	8.5	0.32	0.22	10.6	0.094	0.88	5.1
G244054	164	8.8	0.004	0.11	0.65	12.2	4	3.1	24.6	0.97	0.11	14.6	0.221	0.16	1700
G244055	2.4	176.5	0.011	0.26	0.91	14.9	2	13.2	38.8	0.34	0.08	12.3	0.129	1.09	28.7
G244056	2.5	161.5	0.009	0.95	0.85	17.3	2	12	123	0.38	0.28	12	0.113	0.81	16.5
G244057	1.9	205	0.007	0.2	0.88	16.2	1	14	23.4	0.38	0.08	16	0.135	1.07	15.5
G244058	8.6	186	0.007	0.12	1.06	13.9	1	11.4	17.1	0.28	0.06	14.9	0.128	1	6.9
G244059	3.7	206	0.006	0.19	1.17	16.2	2	14.1	13.2	0.32	0.06	15.5	0.134	1.25	11.3
G244060	3.5	142	0.007	0.31	1.6	10.8	2	4.6	25.9	0.27	0.06	15.2	0.081	1.1	23.9
G244061	4.2	143.5	0.003	0.3	1.47	12.7	1	6	17.2	0.24	0.06	13.5	0.095	1.35	23.4
G244062	3.9	174	0.003	0.85	1.08	14.7	2	8.8	22.1	0.38	0.2	12	0.108	1.04	7.4
G244063	1.9	184	0.003	0.63	1.07	12.3	2	7.8	12.2	0.37	0.16	13.8	0.108	1.17	8.6
G244064	0.8	0.5	<0.002	0.01	<0.05	0.2	1	<0.2	1.6	<0.05	<0.05	0.3	<0.005	<0.02	0.2
G244065	2.9	169.5	0.014	0.51	1.12	13.7	2	9.4	18.1	0.37	0.13	14.4	0.107	1.05	13
G244066	2.8	192.5	0.002	0.85	1.14	13.9	2	10.3	14.5	0.4	0.18	12	0.126	1.21	9.3
G244067	4.4	164	0.006	0.59	1.41	12	2	6.7	25.8	0.33	0.14	12.6	0.101	1.19	16.6
G244068	2.1	155	0.004	0.35	0.99	11.6	1	5.2	26.5	0.34	0.08	13.3	0.1	1.06	8.3
G244069	1.7	200	0.004	0.23	1.08	15.2	1	6.4	16	0.51	0.06	15.8	0.134	1.22	6.5
G244070	2	178	0.003	0.27	0.97	13.7	2	5.8	18.8	0.38	0.08	14	0.111	1.11	7.1
G244071	2.6	194	0.003	0.31	1.13	14.4	2	6.2	34.3	0.41	0.06	15.1	0.124	1.29	7.6
G244072	2.8	177	0.004	0.38	1.11	13	1	5.1	18.5	0.35	0.11	13.9	0.101	1.25	8.3
G244073	4.5	186.5	0.004	0.36	1.2	13.5	2	6.8	22	0.38	0.1	15.4	0.102	1.25	12.2
G244074	3.2	184.5	0.008	0.41	1.27	13.2	2	6.8	22.5	0.37	0.09	15.2	0.107	1.22	14.6
G244075	2.3	178	0.003	0.38	1.32	12.1	2	7.6	12.6	0.35	0.12	14.3	0.095	1.11	6.7
G244076	2.3	182.5	0.006	0.52	1.08	12.2	2	8.3	13.2	0.31	0.17	13.5	0.103	1.21	8.2
G244077	3.5	181.5	0.005	0.38	1.17	10.7	2	11.7	14.2	0.41	0.19	16	0.085	1.24	20.8
G244078	2.5	155.5	0.002	0.57	0.99	10.1	2	8	20.5	0.41	0.14	13.4	0.095	1.22	11.5
G244079	4.7	151	0.005	1.2	1.44	12.7	3	11	28.4	0.31	0.38	13.4	0.074	1.17	29.5
G244080	6.4	165	0.002	0.67	1.54	10.6	3	16.8	14.1	0.39	0.22	15.6	0.08	1.11	40.1

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
G244041		77	14.8	12.5	17	61.1		
G244042		66	19.2	14.6	11	28.4		
G244043		50	15.2	14.9	9	43.6		
G244044		51	13.8	13.7	9	41.1		
G244045		38	14.3	14.6	13	28.7		
G244046		30	7.5	12.1	11	22		
G244047		51	10.2	9.9	11	56.6		
G244048		69	12.6	11.6	9	58.1		
G244049		54	10.3	11.5	19	53.1		
G244050		74	15.9	10.7	11	62.3		
G244051		67	2.3	6.6	6	22.6		
G244052		76	1.7	6.3	13	14.5		
G244053		53	12.3	9	6	45.4		
G244054		233	2.7	32.6	38	139.5		0.18
G244055		65	14.2	10.4	15	61.4		
G244056		63	13.2	12.9	11	55.2		
G244057		73	14.4	11.1	6	67.4		
G244058		65	12	11.7	10	67.7		
G244059		69	14.6	12.6	9	67.7		
G244060		48	8.6	14.2	13	56.8		
G244061		68	11.8	13.4	31	74.5		
G244062		58	16	13.8	9	56.8		
G244063		68	17.3	10.8	13	60.6		
G244064		1	0.1	1.4	2	21.5		
G244065		65	17.5	16.3	15	64.2		
G244066		70	17.4	12	16	67.5		
G244067		59	16	12.9	15	60.9		
G244068		58	13.8	10.1	10	60.4		
G244069		64	18.3	12	17	72.8		
G244070		60	14.7	11	18	68		
G244071		63	15.7	12.7	9	71.8		
G244072		54	12.4	11.4	10	63.3		
G244073		60	15.7	12.9	7	66.4		
G244074		63	15.9	13.3	6	68.5		
G244075		57	18.2	10.9	4	65.6		
G244076		62	15.2	11.6	4	65.9		
G244077		44	18.2	15.9	3	85.8		
G244078		46	13.3	12.1	3	69.8		
G244079		43	17.7	15.2	6	66.2		
G244080		43	27.6	19.1	4	84.6		

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Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G244081		2.22	0.009	0.05	6.64	18.2	1200	2.43	0.21	1.43	<0.02	96	100	31	1.24	7.9
G244082		1.22	0.032	0.1	6.99	36.4	1230	1.15	0.41	0.92	<0.02	206	196	56	1.02	9.3
G244083		1.68	0.085	0.11	8.61	37.1	1400	1.96	0.26	0.97	<0.02	>500	146	63	1.69	10.7
G244084		0.06	0.892	36.3	4.65	1110	520	0.58	30.7	7.1	0.39	25.7	44.8	276	1.2	4620
G244085		0.08	0.021	0.11	6.8	28.3	1290	0.7	0.51	3.49	<0.02	53.2	149	42	0.83	12.8
G244086		2.16	0.009	0.07	6.91	25.4	1560	0.63	0.29	2.83	<0.02	29.4	131.5	43	0.79	10.8
G244087		2.52	0.008	0.06	7.96	30.8	1300	1.56	0.29	0.67	<0.02	38.4	103	61	1.35	8
G244088		2.46	0.015	0.08	7.39	39.3	1390	1.33	0.56	2.71	<0.02	36.3	159.5	49	1.17	11.9
G244089		1.80	0.027	0.11	6.49	44.7	1060	0.95	0.66	2.77	<0.02	13.65	197	39	1.09	14.8
G244090		1.24	0.008	0.1	2.69	24	450	0.67	0.42	10.9	0.09	7.69	118	14	0.71	22.5
G244091		1.08	0.005	0.04	7.58	14.5	940	1.61	0.09	1.03	<0.02	11.8	53.6	48	1.49	4.1
G244092		1.54	0.006	0.04	7.14	30.2	1030	1.6	0.11	1.1	<0.02	186.5	54.9	51	1.44	2.6
G244093		1.88	0.005	0.11	6.43	11.6	1170	1.78	0.09	3.45	<0.02	291	36.5	37	2.04	3.6
G244094		0.14	<0.005	0.01	0.05	0.2	10	<0.05	<0.01	0.01	<0.02	2.69	0.2	1	<0.05	0.9
G244095		2.50	<0.005	0.04	7.1	16.7	1040	1.38	0.05	2.55	<0.02	24.4	36.4	46	1.09	3.6
G244096		2.18	<0.005	0.04	7.76	19.7	1670	1.48	0.07	0.9	<0.02	139.5	47	55	1.23	4.3
G244097		2.06	<0.005	0.05	6.99	22.4	1090	1.22	0.13	4.01	<0.02	63.6	83.3	43	0.98	2.3
G244098		1.92	<0.005	0.05	5.38	19.8	500	0.57	0.18	8.01	<0.02	91.8	79	27	0.4	9.2
G244099		2.16	0.007	0.05	7.28	20.9	1190	0.87	0.23	2.61	<0.02	37.1	81.9	47	0.64	4.3
G244100		2.36	0.009	0.05	7.57	19.7	1530	1.08	0.16	2.6	<0.02	33	70.2	48	0.84	3.3
G244101		1.78	<0.005	0.06	7.8	22	1950	1.2	0.17	1.8	<0.02	18.9	74.8	49	0.97	2.2
G244102		0.38	0.010	0.08	7.15	36.5	1750	1.11	0.34	2.82	<0.02	11.2	135.5	46	1.06	4.1
G244103		0.80	0.010	0.09	7.28	33.3	1820	1.11	0.28	3.08	<0.02	13.65	114	48	1.06	3.3
G244104		1.94	0.020	0.11	6.92	30.6	1220	1.3	0.34	2.74	<0.02	19.35	107.5	41	1.7	6.1
G244105		2.28	0.023	0.16	1.51	32.6	150	0.37	0.24	0.98	<0.02	92	88	7	0.46	54.3
G244106		3.00	0.033	0.27	0.43	58	70	0.09	0.47	0.6	0.04	397	143	<1	0.15	7
G244107		2.74	0.062	0.41	0.63	108.5	90	0.13	1.5	0.84	<0.02	389	277	2	0.15	7.5
G244108		2.14	0.031	0.16	7.09	38	1340	1.38	0.85	1.8	<0.02	156	197	43	1.26	8.9
G244109		1.76	0.022	0.15	7.09	40.4	1370	1.09	0.59	2.18	<0.02	40.1	169	42	1.09	5.5
G244110		1.86	<0.005	0.06	8.28	35.8	1810	1.33	0.39	1.74	<0.02	91.8	102.5	51	1.22	4.9
G244111		1.42	0.007	0.06	7.63	41.5	2170	1.6	0.64	0.9	<0.02	55.9	172.5	55	1.44	6.2
G244112		1.34	0.011	0.09	4.41	47.8	860	0.97	0.79	8.8	<0.02	104.5	306	24	1.15	15.4
G244113		0.08	0.867	36.5	4.45	1045	480	0.6	30.3	6.39	0.55	27.3	42.1	253	1.27	4340
G244114		0.62	0.007	0.12	8.71	28.4	2540	2.34	0.52	1.11	<0.02	63.8	117.5	59	1.58	11.8
G244115		2.36	0.015	0.13	7.25	23.6	2380	0.94	0.71	3.31	<0.02	152	69.4	46	0.87	11
G244116		2.02	<0.005	0.05	5.46	5.5	80	0.36	0.13	8.66	<0.02	307	33.3	27	0.18	4.1
G244117		2.98	0.007	0.1	7.17	24.9	3440	1.08	0.55	5.17	<0.02	178.5	77.3	41	0.98	9.7
G244118		1.64	0.014	0.18	7.3	37.7	580	1.04	1.08	3.5	<0.02	82.6	120	44	0.9	10
G244119		1.92	0.011	0.08	5.83	16	590	0.52	0.75	7.11	0.02	16.5	99.4	27	0.82	96.8
G244120		2.10	0.059	0.5	7.35	86.5	650	1.81	3.27	3.96	<0.02	359	277	43	2.16	451

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244081	8.09	19.35	0.15	2.7	0.062	5.7	67.2	27.8	0.73	1500	3.22	0.07	6.8	22.7	460
G244082	10.95	17.1	0.28	1.8	0.038	6.16	123.5	10.9	0.49	929	19.05	0.11	5.8	32.9	640
G244083	12.6	33.1	0.5	2	0.067	7.04	404	20.7	0.65	833	48.6	0.33	6.7	47.3	1210
G244084	4.57	14.25	0.11	0.5	0.209	1.49	15.9	12.1	0.87	1870	731	0.7	1.9	18.4	570
G244085	14.55	14.5	0.24	1.4	0.028	6.87	31.9	6.4	1.23	3180	12.35	0.36	5.2	24.9	610
G244086	12.95	13.65	0.23	1.5	0.022	5.18	17.3	5.6	0.98	2680	5.55	0.39	5.8	24.7	720
G244087	10.55	26.3	0.2	2	0.054	6.06	22	15.6	0.5	620	6.62	0.69	4.7	22.1	690
G244088	11.25	21.8	0.22	1.7	0.055	6.22	20.4	14.4	1.26	2690	7.65	0.51	4.7	24.9	690
G244089	12.75	17.75	0.23	1.5	0.044	5.88	7.3	13.8	1.23	2900	10	0.35	3.9	35.3	630
G244090	11.85	10.2	0.21	0.5	0.122	2.34	3.6	9.7	4	10650	6.29	0.05	2.1	18.4	290
G244091	7.96	22.6	0.14	1.7	0.055	6.6	6.3	24.9	0.9	1010	3.6	0.33	3.5	15.2	700
G244092	9.65	23.5	0.28	1.8	0.058	6.36	101	23.3	0.87	1060	4.78	0.4	3.8	21.5	710
G244093	8.8	24.1	0.32	1.7	0.077	4.89	145.5	26.5	2.11	2790	3.74	0.24	4.5	18.3	680
G244094	0.03	0.14	<0.05	0.6	<0.005	0.01	1.3	2	<0.01	<5	0.05	<0.01	0.1	0.2	10
G244095	9.3	22.5	0.2	1.8	0.055	5.85	12.7	15.6	1.04	2540	2.39	1.02	5	15.8	790
G244096	9.28	24.8	0.24	1.9	0.054	5.41	77.6	15.1	0.58	834	2.75	0.48	4.4	15.6	740
G244097	12.6	22.3	0.23	1.6	0.054	4.69	36.1	12.2	1.47	4120	1.91	1.7	4.2	22	630
G244098	12.45	13.85	0.22	1.1	0.052	1.61	53.8	4.6	2.64	8120	3.47	2.88	3.8	19	490
G244099	10.15	18	0.2	1.7	0.031	4.36	20.2	6.7	0.83	2700	6.02	2.87	5	23.2	700
G244100	10.8	19.1	0.21	1.8	0.039	5.61	18.4	8.6	0.87	2690	6.99	2.01	5	20.2	720
G244101	10.5	19.5	0.2	1.8	0.041	6.43	10	10.5	0.73	1930	10	1.28	5	19.8	640
G244102	13.8	17.95	0.23	1.6	0.049	5.91	6	11.3	1.03	2900	11.8	1.3	4.7	28	570
G244103	13.1	18.25	0.24	1.7	0.053	5.74	7.6	11.9	1.13	3210	9.81	1.45	3.6	25.4	510
G244104	12.8	16.25	0.22	1.6	0.06	3.99	11.3	18	1.24	2840	14.9	1.82	4	23.7	740
G244105	43.4	9.26	1.08	0.2	0.016	0.24	59.8	11.8	0.88	919	64.9	0.06	2.7	26.9	630
G244106	>50	5.88	1.13	<0.1	0.01	0.05	292	3.2	0.36	515	104.5	0.01	5.2	16.7	440
G244107	48.1	6.4	1.07	<0.1	0.014	0.08	281	4	0.4	719	63.1	0.09	4.5	30.6	440
G244108	10.7	16.4	0.27	1.5	0.067	4.91	96.9	20.5	1.02	1900	5.87	1.4	3.6	22	680
G244109	10.1	15.55	0.2	1.6	0.051	4.97	23.2	16	0.98	2360	4.36	1.5	4.6	19.8	690
G244110	10.7	22.3	0.23	1.9	0.066	5.67	53.6	15	0.77	1910	2.26	1.99	5.3	21.4	740
G244111	12.15	23.7	0.24	1.8	0.074	5.69	32.7	19.6	0.58	895	1.69	0.95	5	22.4	710
G244112	11.95	16.4	0.23	1	0.096	3.02	62.4	13.9	3.02	8260	1.52	0.52	4.6	24.1	420
G244113	4.21	13.15	0.11	0.4	0.212	1.42	16.8	13	0.82	1730	685	0.69	1.8	17.1	550
G244114	7.54	27.2	0.16	1.9	0.083	5.76	37.1	28.1	0.79	1090	5.86	1.14	4.2	16.6	800
G244115	7.14	18.35	0.21	1.6	0.045	4.81	86.2	11.9	1.08	3540	14.85	2.26	4.2	12.8	780
G244116	7.58	12.05	0.25	1.1	0.035	0.34	181.5	2.5	2.46	9590	5.65	3.95	3.9	10.8	580
G244117	7.59	21.5	0.21	1.4	0.065	2.51	94.7	17.4	2.12	5210	3.62	3.13	4.2	16.3	670
G244118	7.43	22.6	0.18	2	0.057	3.3	55	12.4	1.24	3630	8.41	3.08	5	24.3	660
G244119	6.4	11.2	0.13	1.4	0.073	4.39	11.6	8.3	2.3	7450	1.72	1.19	4.1	16.2	610
G244120	10.85	22.4	0.31	2.1	0.141	4.13	272	32.4	1.67	5040	47.6	0.8	4.1	40.3	960

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244081	2.5	184	0.003	0.57	1.05	10.8	2	13	17.7	0.5	0.11	14.7	0.114	1.48	8.8
G244082	5.8	137.5	0.005	0.97	1.96	11.9	3	11.5	19.3	0.45	0.26	13.6	0.118	1.69	20.2
G244083	6.2	175.5	0.014	0.81	2.02	15.5	6	31.7	21.5	0.42	0.28	16.1	0.12	1.97	85.8
G244084	61	35.4	0.072	0.76	89.7	6.2	5	2.9	296	0.11	3.52	1.2	0.12	0.22	2.3
G244085	2.3	145.5	0.003	0.99	1.91	11.3	3	8.1	29.5	0.44	0.18	11.4	0.129	1.68	7.3
G244086	2.4	108	0.003	0.79	1.7	11.3	2	5.3	32.7	0.52	0.16	11.3	0.151	2	6.2
G244087	2.2	159.5	0.002	0.5	1.4	12.6	2	9.3	18.8	0.32	0.15	16.2	0.103	1.98	8.2
G244088	34.9	170.5	0.003	0.89	1.36	12.4	2	7.8	27.5	0.31	0.28	13.7	0.095	1.84	7
G244089	3.9	153	0.003	1.19	1.41	13.3	3	5.8	26.8	0.28	0.44	10	0.079	1.66	6.2
G244090	7.1	74.5	0.004	0.5	1.38	26.7	2	2.8	67	0.16	0.13	5.7	0.039	0.68	9.8
G244091	2.4	162	0.003	0.17	1.18	12.5	2	6.5	15.3	0.24	0.08	16.3	0.09	1.94	4.7
G244092	2.2	160	0.003	0.22	1.13	10.5	2	6	18.7	0.26	0.1	14.6	0.081	1.84	4.2
G244093	2.2	172	0.003	0.13	1.01	12.4	2	6.3	27	0.26	0.06	13.3	0.079	1.48	6.3
G244094	0.9	0.4	<0.002	0.01	<0.05	0.3	1	<0.2	2	<0.05	<0.05	0.3	0.005	<0.02	0.2
G244095	2.3	180	0.002	0.06	1.3	12.4	2	6.3	30	0.37	0.06	12.8	0.101	1.85	6.9
G244096	2.3	133.5	0.003	0.12	1.11	10.3	2	6.9	24.1	0.29	0.07	15.3	0.088	2.28	4.1
G244097	3.1	147.5	0.003	0.36	1.04	16.1	2	6.6	42.2	0.28	0.1	13.3	0.081	1.44	6
G244098	2.9	47.1	0.002	0.42	0.92	15.4	2	2.6	62.5	0.27	0.13	9.4	0.067	0.49	10.3
G244099	3.8	114	0.003	0.55	1.16	10.9	2	5.3	38.1	0.36	0.12	13.2	0.087	1.4	12.8
G244100	2.3	150	0.002	0.44	1.21	11.8	2	6.6	37.3	0.37	0.1	12.9	0.09	1.93	9.1
G244101	1.7	128	<0.002	0.43	1.35	12.4	2	7.5	33.4	0.38	0.1	12.5	0.086	2.66	6
G244102	3	160	0.002	0.93	1.26	13	3	12.2	42.9	0.34	0.23	11.6	0.092	2.55	11.6
G244103	2.6	162.5	0.002	0.74	1.09	13	2	13.2	45.2	0.27	0.21	10.9	0.084	2.44	9
G244104	2.3	136.5	0.002	0.58	1.26	13.1	3	22.7	38.2	0.29	0.43	10.9	0.083	2.02	10.3
G244105	1.9	7.8	0.005	0.04	1.46	2.5	2	3	13.7	0.07	0.26	2.3	0.022	0.15	6.4
G244106	8.6	2.6	0.008	0.35	1.55	0.9	3	10.9	6	0.06	0.49	1.2	0.012	0.06	10.4
G244107	4.5	3.9	0.011	1.81	5.02	1.2	6	11.6	8.3	0.06	1.61	2.9	0.013	1.52	15
G244108	5.1	156.5	0.004	1.27	1.69	12.2	3	28.8	29.6	0.26	1.07	11.8	0.095	3.72	15.4
G244109	4	152.5	0.004	1.11	1.45	11.2	2	19.7	31.1	0.36	0.66	11.6	0.089	3.43	9.7
G244110	2.2	162	0.002	0.61	1.41	14.7	2	13.7	35.8	0.39	0.1	15.5	0.11	2.55	6.2
G244111	2.7	153.5	0.003	1.11	1.33	12.4	2	13	32.9	0.31	0.19	14.2	0.102	2.97	6.1
G244112	3.6	108	0.027	2.11	0.99	16.4	2	8.8	67.8	0.32	0.24	8.4	0.077	1.47	13.2
G244113	61.7	33.2	0.076	0.71	92.8	5.4	5	3	293	0.11	3.54	1.3	0.111	0.22	2.4
G244114	2.9	151.5	0.009	0.83	1.82	13.5	2	13.4	36.2	0.35	0.23	16.6	0.107	3.25	12.1
G244115	6.4	126.5	0.007	0.63	2.02	11.6	2	7.1	47	0.37	0.31	13	0.101	2.73	16.4
G244116	2.1	12	0.005	0.24	0.98	9.1	2	2.4	69.6	0.31	0.06	13	0.091	0.18	15.2
G244117	2.4	83.2	0.007	0.91	1.3	12.9	2	8.9	102.5	0.34	0.17	11.9	0.113	2.1	12.9
G244118	3.1	97.8	0.012	1.32	1.78	11.2	2	9.8	33.6	0.4	0.3	14.5	0.121	3.08	14.7
G244119	2.7	110.5	0.007	0.96	1.17	11.2	2	5.5	51	0.34	0.16	9.2	0.115	2.22	10
G244120	3.9	172	0.02	2.56	1.72	12.5	3	21.9	43.6	0.25	0.71	14.7	0.137	8.54	26.8

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CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
G244081		46	15.8	13.6	3	80.3		
G244082		67	21.6	14	6	58.8		
G244083		89	34.7	21	5	69.3		
G244084		64	14.7	10.1	118	19.5		
G244085		65	12.9	9.3	6	48.2		
G244086		61	11.5	10.1	5	54.8		
G244087		81	12.3	10.6	4	65.1		
G244088		70	13.4	12.1	9	60.4		
G244089		60	11.9	10.5	16	52.7		
G244090		33	13.9	13.3	25	21.7		
G244091		67	10.4	8.9	13	59.3		
G244092		75	11.7	14.1	14	62.8		
G244093		62	10.6	16.4	21	56.5		
G244094		1	<0.1	1.7	3	23.3		
G244095		70	11.5	11	6	60.3		
G244096		76	11.6	10.9	7	61.4		
G244097		77	9.6	10.9	5	56.7		
G244098		52	8.2	11.3	7	41.7		
G244099		65	11.7	9.8	3	58.6		
G244100		70	12.9	10.5	4	58.8		
G244101		71	11.7	10.6	4	60.1		
G244102		73	12.7	11.1	5	56.9		
G244103		73	11.4	10.6	6	57.1		
G244104		63	14.4	12.1	15	58.1		
G244105		55	18.7	5.9	37	12.5		
G244106		26	28.5	7.4	24	4.9		
G244107		28	36.2	8.3	22	6.4		
G244108		61	14.6	12	16	54		
G244109		59	13.2	10.2	15	56.5		
G244110		68	12.7	10.8	6	64.5		
G244111		74	13.1	9.2	6	61.1		
G244112		44	14.8	11.6	7	37.2		
G244113		60	18.8	9.7	107	18.7		
G244114		87	15.6	10.5	7	64.6		
G244115		68	19.1	11	6	55.6		
G244116		36	21.6	11.4	4	42.8		
G244117		85	17.9	12.9	13	49.7		
G244118		83	22.8	10.9	6	63.5		
G244119		42	22.5	9.3	6	43.3		
G244120		80	33.8	16.4	5	64.2		

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
G244121	2.50	0.052	0.18	7.44	80.5	560	1.82	2.04	3.49	<0.02	202	198	43	1.7	596
G244122	1.28	0.069	0.21	7.26	118.5	640	2.01	0.95	2.51	<0.02	290	194	46	1.64	1160
G244123	0.04	<0.005	0.02	0.05	0.3	10	<0.05	<0.01	0.01	0.02	2.41	0.2	1	<0.05	3
G244124	2.08	0.045	0.45	7.02	127	880	1.47	1.32	3.45	<0.02	424	213	41	1.33	416
G244125	2.36	0.041	0.14	7.47	35.9	470	1.84	2.41	3.38	<0.02	287	123.5	40	2.03	78.8
G244126	2.30	0.041	0.15	6.95	45.4	550	1.71	2.9	2.59	<0.02	408	119.5	40	1.73	59.5
G244127	2.34	0.034	0.24	7.41	50.9	570	2.08	1.75	2.05	<0.02	227	139.5	47	2.15	273
G244128	2.72	0.071	0.17	6.58	35.1	540	1.57	2.67	2.95	<0.02	246	125	38	1.69	1020
G244129	2.28	0.043	0.13	7.53	37.7	590	1.86	2.53	2.2	<0.02	410	154.5	44	1.91	440
G244130	1.98	0.039	0.18	7.41	58	620	1.62	2.65	2.91	<0.02	127	151	44	1.78	215
G244131	1.66	0.180	0.68	0.98	87.8	120	0.2	22.2	5.39	0.03	35.7	447	3	0.36	353
G244132	1.50	0.048	0.22	5.49	76.4	420	1.29	6.89	2.25	<0.02	112.5	171	29	1.47	158.5
G244133	1.52	0.046	0.2	7.09	52.2	660	1.6	6.52	1.97	<0.02	222	196	45	1.68	89.3
G244134	1.00	0.053	0.24	3.82	21.5	360	0.67	3.59	5.86	<0.02	136	144.5	17	1.09	679
G244135	1.84	0.023	0.11	5.8	17.7	480	1.23	3.01	2.96	<0.02	257	113	26	1.47	84.9
G244136	1.60	0.051	0.1	6.72	28.2	540	1.63	1.3	2.69	<0.02	153.5	174	37	1.92	889
G244137	1.64	0.019	0.1	7.91	17.8	590	1.84	1.5	2.69	<0.02	171	106.5	46	2.32	123
G244138	2.34	0.043	0.1	7.33	18.6	540	1.74	0.91	3.16	<0.02	354	107.5	43	2.18	1050
G244139	2.50	0.097	0.14	7.49	17.2	530	1.6	2.24	2.8	<0.02	301	111.5	44	2.26	1780
G244140	2.16	0.149	0.35	6.76	18.7	470	1.73	5.04	3.42	<0.02	232	157.5	39	3.24	3640
G244141	1.84	0.166	0.42	7.62	33.1	620	1.83	10.95	2.04	<0.02	285	263	43	2.82	1770
G244142	1.74	0.139	0.29	5.24	21.9	510	1.02	6.23	5.85	<0.02	328	192	27	1.41	2820
G244143	0.06	0.943	36.9	4.3	1065	460	0.61	29.4	6.24	0.38	24.2	42.8	257	1.22	4230
G244144	3.02	0.200	0.53	3.1	23.9	250	0.71	8.01	7.23	<0.02	>500	153	14	1.55	6070
G244145	1.66	0.151	0.31	3.85	15.7	370	0.82	4.73	7.65	<0.02	>500	101	17	1.25	3200
G244146	1.92	0.144	0.4	7.68	42.9	800	1.49	4.88	2.46	<0.02	499	200	45	1.76	3080
G244147	1.96	0.174	1.06	6.73	27.5	650	1.41	5.55	3.75	<0.02	445	215	42	1.78	5000
G244148	1.18	0.372	1.09	5.79	71.6	90	1.15	18.05	1.83	<0.02	>500	413	37	1.65	4240
G244149	2.34	0.495	1.01	5.9	69	320	1.26	18.55	1.48	<0.02	>500	443	38	1.6	5150
G244150	1.36	0.305	1.02	3.67	52	230	0.53	13.95	4.81	<0.02	185.5	358	18	0.88	7010
G244151	2.12	0.078	0.36	5.83	22.8	700	1.66	1.63	4.18	<0.02	110.5	169.5	31	1.93	2450
G244152	1.96	0.023	0.12	5.47	10.1	1750	1.42	0.45	5.27	<0.02	110.5	62	29	1.38	642
G244153	0.06	<0.005	0.02	0.05	0.3	10	<0.05	0.01	0.01	0.02	2.68	0.3	1	<0.05	7.2
G244154	2.22	0.022	0.09	6.65	8.7	4020	1.61	0.41	3.92	<0.02	127.5	56	37	1.5	512
G244155	2.24	0.010	0.06	7.14	8	3360	3.62	0.35	3.1	<0.02	132.5	53	42	2.6	110
G244156	2.16	<0.005	0.07	7.05	5.9	4480	3.04	0.18	1.74	<0.02	128	24.9	43	2	154.5
G244157	1.36	0.006	0.05	6.98	3.6	3760	2.57	0.17	3.45	<0.02	91.4	14.1	39	1.9	172.5
G244158	2.36	0.009	0.04	6.85	4.3	3350	3.43	0.12	3.96	<0.02	86.4	17.7	38	1.82	11.9
G244159	2.22	0.015	0.05	5.94	3.9	2700	2.28	0.11	4.99	<0.02	69.3	22.2	30	1.43	3.2
G244160	2.06	0.010	0.05	6.94	2.5	1890	3.68	0.11	3.69	<0.02	115	14.1	38	2.17	31.1

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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CERTIFICATE OF ANALYSIS VA07125587

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244121	7.42	21.1	0.22	1.9	0.12	4.02	158.5	33.2	1.44	4460	17.95	0.9	3.5	25	700
G244122	7.08	22	0.25	1.9	0.119	4.93	221	31.1	1.17	3230	19.95	0.42	3.2	24.1	670
G244123	0.02	0.17	<0.05	0.7	<0.005	0.01	1.4	2	<0.01	<5	0.09	<0.01	0.1	0.5	30
G244124	7.82	18.4	0.32	1.9	0.097	4.48	305	23.5	1.2	4590	26.8	1.18	3.6	26.5	650
G244125	6.81	21.5	0.25	2.1	0.188	4.59	210	39.5	2.05	3800	10.95	0.25	4.3	28.5	700
G244126	8.33	20.6	0.3	1.9	0.122	4.25	297	33.5	1.15	3230	12.85	0.65	3	25.7	680
G244127	8.31	22.8	0.22	2.1	0.126	4.7	172	37.6	1.04	2470	35.8	0.38	3.6	25.9	890
G244128	8.69	18	0.25	1.8	0.148	4.23	184.5	32.2	1.46	3640	9.99	0.23	3	27.7	670
G244129	7.77	21.9	0.29	2	0.126	4.91	306	33.3	1.14	2750	12.7	0.52	3.3	26	770
G244130	8.3	19.85	0.18	2	0.112	5.11	100.5	31.8	1.26	3510	24.9	0.51	4.6	27.3	810
G244131	33.8	6.64	0.43	0.3	0.047	0.61	27.4	4.2	1.32	7200	8.09	0.06	1.9	80.5	600
G244132	16.45	19.7	0.27	1.5	0.085	3.1	84.3	23.5	0.92	2810	21.6	0.47	2.2	39	440
G244133	12.15	22.8	0.28	2	0.097	4.56	163.5	27.6	0.91	2350	18.8	0.64	2.6	36.5	720
G244134	20.1	13.55	0.33	1.1	0.076	2.37	97.7	13	2.2	7610	8.14	0.47	8	39.9	1280
G244135	7.18	16.6	0.22	2.1	0.106	3.85	203	29.1	1.67	3290	7.47	0.06	3.7	21.2	710
G244136	7.99	20	0.19	2.3	0.134	4.38	119	39.3	1.39	2880	17.05	0.22	3.1	26	700
G244137	10.3	22.7	0.24	2.2	0.155	4.59	129	44.4	1.43	3110	14.7	0.52	3.2	31.6	690
G244138	11.25	22.1	0.3	2	0.161	4.01	262	40.3	1.3	4210	23.2	0.48	3.4	33.3	670
G244139	10.75	19.7	0.28	2.1	0.169	3.95	224	38.8	1.36	3700	13.55	0.84	3.1	31.3	680
G244140	9.52	18.5	0.24	2.1	0.206	3.4	174	51.7	2.54	3330	22.2	0.08	5.5	33.5	700
G244141	9.39	22.4	0.26	2.4	0.186	4.49	206	48.5	1.57	1730	22	0.1	6.3	48.8	1070
G244142	13.3	14.45	0.32	1.4	0.185	3.5	258	26.9	2.71	6130	12.95	0.11	7.3	42.8	1580
G244143	4.1	13	0.1	0.7	0.205	1.39	17.9	13.1	0.8	1680	672	0.66	1.8	19.7	530
G244144	14.8	12.85	0.49	1.2	0.266	1.67	610	22.5	3.46	8000	23.7	0.03	5.2	43	1070
G244145	8.54	12.35	0.36	1.3	0.231	2.2	490	26	2.56	9560	17.35	0.07	4.8	24.8	670
G244146	6.41	21.9	0.31	2.7	0.193	5.22	375	46.3	1.14	2590	94.6	0.18	6.2	33.2	810
G244147	7.16	17.7	0.26	1.9	0.248	5.54	328	41.7	1.98	3820	41.6	0.06	4.6	30.5	700
G244148	13.35	19.2	0.54	1.8	0.179	4.26	600	31.4	0.7	1840	28.8	0.31	12.1	77.7	2100
G244149	13.25	20.2	0.49	1.9	0.175	4.56	510	30.2	0.68	1480	26	0.15	6.6	67.1	1020
G244150	19.35	9.93	0.33	1.1	0.238	2.95	137.5	11.7	1.29	6380	113.5	0.14	5.1	68.3	1150
G244151	13.4	19.85	0.25	1.8	0.212	3.66	81.4	29.4	1.42	5870	30	0.28	5.8	41.4	1120
G244152	12.45	14.45	0.21	1.7	0.139	3.29	75.9	19.9	1.74	7670	11.6	0.53	3.5	29.8	810
G244153	0.03	0.17	<0.05	0.8	<0.005	0.01	1.6	2.1	<0.01	10	0.13	<0.01	0.2	0.3	10
G244154	9.98	14.8	0.21	1.9	0.113	5.48	85.8	23.3	1.66	4690	14.9	0.43	4.9	26.7	810
G244155	8.14	21.9	0.22	2.5	0.164	5.1	81	41.8	1.59	3470	11.35	0.31	5.3	25.6	890
G244156	7.62	19.1	0.19	2.3	0.117	5.33	79.9	33.1	1.37	1710	9.77	0.11	4.6	19.6	780
G244157	6.05	16.7	0.16	2.1	0.108	5.66	58.5	25.1	2.04	3080	10.8	0.04	4.8	18.4	740
G244158	6.96	18.45	0.18	2	0.147	4.86	53	30.2	2.38	3240	6.35	0.04	3.9	18.9	730
G244159	7.09	14.3	0.14	1.8	0.11	4.25	40.6	24.6	2.74	4540	2.07	0.03	3	20.3	540
G244160	6.22	20.9	0.17	2.1	0.157	5.1	67.6	31	2.09	3430	6.21	0.04	4.8	23.5	680

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244121		3	165.5	0.009	1.6	1.34	11.8	2	23.2	40.8	0.29	0.67	13	0.14	8.44	17.3
G244122		2.7	168	0.027	1.31	1.78	12.3	3	25.8	35.1	0.25	0.34	13.5	0.134	5.03	13.7
G244123		0.9	0.5	<0.002	0.01	<0.05	0.2	2	<0.2	2.2	<0.05	<0.05	0.3	0.005	<0.02	0.2
G244124		3.1	152.5	0.021	1.75	1.63	11.2	3	22.7	38.6	0.27	0.27	15.6	0.118	6.14	32.4
G244125		2.7	180.5	0.012	1.35	1.31	12.1	2	21.4	22.7	0.28	0.22	15.7	0.132	5.04	20.4
G244126		3.2	178	0.007	1.45	1.09	11.2	2	22.5	27.3	0.2	0.47	16	0.124	6.18	17.2
G244127		3.5	193.5	0.027	1.3	1.42	12.4	2	27.5	23.4	0.21	0.27	11.4	0.144	5.45	34.2
G244128		2.7	172	0.014	1.43	1	10.9	3	16.8	25.2	0.19	0.34	12.4	0.106	5.2	22.2
G244129		2.7	184	0.011	1.72	1.27	11.9	3	23.8	22	0.21	0.21	15.1	0.133	5.59	19.3
G244130		3.3	178	0.016	1.68	1.7	11.4	2	23.8	27.8	0.26	0.23	12	0.135	6.31	20.4
G244131		7.9	25.3	0.015	9.6	2.43	4.7	8	6.4	45.1	0.05	0.28	2.3	0.02	34.1	17.2
G244132		4.2	136.5	0.02	3.57	2.61	8.9	2	24	22.1	0.13	0.18	9.1	0.096	21.3	27.5
G244133		3.7	170	0.026	3.35	1.68	10.4	3	29.1	22.3	0.16	0.17	12.4	0.129	14.6	27.5
G244134		4.4	86	0.012	1.91	1.25	6.3	3	15.5	35	0.17	0.36	8.5	0.066	5.66	34.7
G244135		8	150.5	0.009	1.59	0.96	8.1	2	20.7	12.3	0.2	0.23	12.9	0.094	5.19	14
G244136		2	177.5	0.012	1.36	0.93	11	3	22.4	20.4	0.19	0.18	14.9	0.133	3.58	15.1
G244137		2.1	200	0.01	1.24	0.98	11.5	2	24.1	22.1	0.18	0.15	13.7	0.142	3.79	13
G244138		1.7	188	0.015	1.28	0.85	13.1	2	24.7	32.4	0.18	0.13	14.6	0.131	3.3	10.3
G244139		2.1	177.5	0.013	1.44	1.04	11.7	3	24.7	23	0.2	0.28	12.5	0.125	3.49	15.7
G244140		6.9	152	0.041	2.57	1.65	10.7	3	30.4	11.3	0.29	0.61	15.4	0.135	4.13	71.5
G244141		7.2	193.5	0.043	4.61	2.03	11.7	5	44.5	10.8	0.3	1.27	16.1	0.152	16.6	84.2
G244142		5.4	132.5	0.031	3.55	1.69	8	5	27.4	22.3	0.19	0.92	13.3	0.094	11.95	51.2
G244143		58.6	33.4	0.07	0.68	90.2	5.5	4	3.1	280	0.1	3.58	1.2	0.11	0.24	2.4
G244144		10	84.4	0.03	3.7	2.2	6.4	6	23.7	22.9	0.15	1.24	21.7	0.067	14.1	35.9
G244145		6.9	103.5	0.021	3.08	1.23	8.2	4	26.8	39.2	0.18	0.9	13.8	0.077	7.26	27
G244146		4.6	149	0.095	3.65	2.17	10.7	4	36	19.3	0.43	0.9	16.3	0.154	9.23	26.7
G244147		6.1	150	0.062	3.68	1.5	9.7	4	32.7	15.4	0.33	0.8	12.5	0.145	6.89	35.1
G244148		14.1	154	0.079	>10.0	2.42	7.9	10	40.6	21.3	0.26	2.84	15.3	0.118	17.15	141
G244149		12.2	166.5	0.07	>10.0	1.96	8.6	8	36.4	15.8	0.25	3	14.6	0.119	12.6	107
G244150		11.6	93.1	0.093	7.13	2.21	4.5	5	8.4	34.7	0.26	2.01	13.9	0.063	18.4	101
G244151		2.3	161	0.012	1.69	1.4	9.3	3	20.9	39.5	0.28	0.33	10.4	0.115	3.35	17.4
G244152		1.6	134	0.003	0.47	0.96	8.6	2	9.5	67.6	0.19	0.15	10	0.093	2.35	6.4
G244153		0.9	0.4	<0.002	0.01	<0.05	0.2	1	<0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02	0.2
G244154		2.5	178.5	0.006	0.45	1.58	10.5	3	6.6	81.1	0.36	0.17	12.6	0.129	4.01	7.6
G244155		1.9	226	0.004	0.31	1.6	15.2	3	6.6	72.2	0.43	0.18	15.9	0.155	4.04	7
G244156		1.8	207	0.005	0.2	1.32	12.6	2	3.9	70.9	0.36	0.09	16	0.126	3.82	6.1
G244157		1.8	201	0.008	0.12	1.44	13.2	2	3	58.5	0.39	0.05	12.9	0.136	3.88	5
G244158		2.1	204	0.005	0.09	1.09	11.9	2	4.4	53.7	0.31	<0.05	13.3	0.14	3.13	4.5
G244159		2.3	163.5	0.006	0.08	1.01	10	2	3.1	62.3	0.25	0.06	12.2	0.131	2.75	6.8
G244160		2.1	227	0.006	0.04	1.37	14.7	2	3.9	46.6	0.4	<0.05	14.2	0.154	4.14	6.9

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ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
G244121		65	27.4	13.5	3	58.6		
G244122		72	25.7	14.9	3	57.8		
G244123		<1	0.1	1.7	3	21		
G244124		67	42.8	15.1	4	59.3		
G244125		69	25.2	15.2	10	66.4		
G244126		63	29	13.7	4	56.7		
G244127		73	29	15	4	64.8		
G244128		58	23.2	13.2	5	55.5		
G244129		70	25.5	12.7	6	61.8		
G244130		65	34.9	12.4	6	64.1		
G244131		33	20.6	8.1	11	9.6		
G244132		61	24.3	9.8	4	44.4		
G244133		65	21.8	11.2	4	60.4		
G244134		72	23.3	13.6	6	33.3		
G244135		39	17.9	14.7	6	61.1		
G244136		58	22.6	14.5	3	67.3		
G244137		71	27.5	15.7	3	65.3		
G244138		62	40.3	18.2	3	60.2		
G244139		63	26.9	16.3	5	63.1		
G244140		57	31	18.6	20	64.2		
G244141		59	31.2	18.6	12	70.5		
G244142		52	23.5	19.1	7	46.7		
G244143		58	14.2	10.1	106	21		
G244144		45	20.7	27.1	8	34.7		
G244145		33	23.2	34.8	9	37.8		
G244146		66	29.9	18.8	<2	76.6		
G244147		62	26.2	17.6	5	56.3		
G244148		62	27.5	27.7	2	52		
G244149		66	24.8	22.3	3	55.9		
G244150		52	77.9	20	4	34.7		
G244151		90	17.5	14.3	5	56.1		
G244152		65	13.4	12.6	5	52		
G244153		<1	0.1	1.7	2	22.3		
G244154		64	14	13.4	12	56		
G244155		79	14.5	16.4	10	75.4		
G244156		72	7.7	15.8	26	71.1		
G244157		70	7.2	15	22	63.8		
G244158		73	6.9	14.1	19	60.5		
G244159		59	5.2	13.6	27	55.7		
G244160		69	7.9	15.7	19	64.4		

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CERTIFICATE OF ANALYSIS VA07125587

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
G244161	3.08	0.008	0.08	6.29	3.1	3820	2.36	0.22	4.42	<0.02	79.5	14.5	31	2.11	85.1
G244162	0.60	0.009	0.04	6.83	4	4040	3.94	0.1	3.21	<0.02	92.5	16.1	35	4.33	40.3
G244163	1.42	0.013	0.1	5.97	6.3	4000	2.38	0.29	3.59	<0.02	96.1	23.8	28	4.08	64.6
G244164	2.14	<0.005	0.03	6.05	3	1510	1.71	0.1	5.68	0.05	73.7	15	28	1.27	42.7
G244165	2.22	0.012	0.06	7.17	5.7	1250	2.43	0.24	5.04	0.04	89.1	13.1	40	1.78	57.4
G244166	1.98	0.006	0.03	6.62	6	960	1.9	0.08	5.74	<0.02	66.9	11.9	33	1.73	16
G244167	2.04	0.042	0.44	5.53	29.2	1030	0.62	0.57	7.12	<0.02	339	103.5	29	0.77	873
G244168	1.54	<0.005	0.03	7.59	6.4	1840	2.08	0.06	4.28	<0.02	124	12.7	42	1.76	17.8
G244169	2.44	<0.005	0.05	6.34	6.2	2170	2.75	0.07	4.69	<0.02	79.2	16.3	33	2.05	8.6
G244170	2.76	0.019	0.04	6.64	7	1560	3.23	0.12	5.45	<0.02	90.2	27.5	35	2.59	10.3
G244171	1.84	0.014	0.04	6.87	6.5	1160	3.44	0.06	4.31	<0.02	87.7	21.9	39	2.78	11.1
G244172	2.72	0.032	0.19	6.39	5.7	1300	1.68	0.33	4.36	<0.02	97	15.6	33	2.05	943
G244173	0.04	0.013	0.24	6.18	40.7	70	8.51	7.15	1.68	0.06	17.8	23.1	53	0.94	147.5
G244174	2.16	0.046	0.17	5.95	13.7	1320	2.68	0.47	4.61	<0.02	98.5	45.1	29	2.88	1000
G244175	2.84	0.063	0.78	6.26	33.7	1070	2.07	0.64	5.23	<0.02	188.5	105	33	2.59	797
G244176	1.10	<0.005	0.08	7	3.5	8120	3.43	0.05	3.83	<0.02	103.5	13	39	2.28	586
G244177	1.60	<0.005	0.05	6.82	3.8	1650	3.08	0.05	4.16	<0.02	95.7	15.1	38	2.28	124
G244178	1.88	0.007	0.05	6.5	5.5	2190	2.83	0.08	3.42	<0.02	119	20.4	37	2.3	109
G244179	1.64	0.116	0.04	6.39	4	2720	2.81	0.06	3.99	<0.02	108.5	18.8	35	2.19	257
G244180	2.56	0.085	0.35	5.69	33.6	2830	2.32	0.73	3.71	<0.02	91.2	109	31	1.86	438
G244181	0.84	0.030	0.05	2.91	11.5	1810	1.29	0.21	1.87	<0.02	58.5	22.4	34	1.32	196.5
G244182	2.40	0.014	0.05	6.82	4.2	2100	2.99	0.04	3.25	<0.02	124	13.4	42	2.61	236
G244183	0.06	<0.005	0.01	0.07	0.4	20	<0.05	0.03	0.03	0.02	2.31	0.1	1	<0.05	2
G244184	2.28	0.094	0.52	6.61	60.7	660	2.64	5.22	4.21	<0.02	166.5	232	36	2.53	1330
G244185	2.84	0.068	0.33	7.95	27.7	1860	3.41	2.42	2.37	<0.02	205	102.5	49	3.32	1110
G244186	2.16	0.036	0.16	8.26	7	1890	3.63	0.56	3.78	<0.02	95	33	48	2.93	1470
G244187	2.90	0.027	0.11	7.17	4.6	1570	3.46	0.2	4.16	<0.02	104	16.8	43	2.39	1430
G244188	2.38	0.037	0.21	6.75	13.2	1510	3.02	1.12	4.67	<0.02	97.2	60.7	37	2.15	1750
G244189	3.34	0.046	0.36	6.59	19.9	1040	2.81	1.64	6.08	<0.02	96.4	49.9	35	2.15	4160
G244190	1.94	0.011	0.17	7.49	23.2	1190	2.5	1.04	5.71	<0.02	84.6	31.7	35	1.97	1700
G244191	2.56	0.035	0.73	5.19	98.7	220	0.99	14.75	5.21	0.02	82.7	298	19	1.19	2010
G244192	2.16	0.013	0.29	5.78	56.2	190	1.74	4.14	6.76	<0.02	119.5	55.6	24	1.76	2390
G244193	1.00	0.038	0.74	6.22	14.6	600	1.91	1.49	5.7	<0.02	48.3	19.3	34	2.78	>10000
G244194	0.98	0.047	0.85	5.71	22.5	440	1.68	2.41	5.78	<0.02	62	30.9	28	2.69	>10000
G244195	2.42	0.012	0.27	5.91	16.2	610	1.7	0.97	5.42	<0.02	154	19.7	29	2.79	6180
G244196	0.76	0.015	0.5	4.84	60.9	240	1.52	6.33	1.15	<0.02	88.4	79.5	27	1.36	4150
G244197	1.84	0.047	4.73	2.38	184.5	130	0.87	19.2	2.14	0.02	55.8	248	14	0.96	2890
G244198	1.92	0.023	1.53	3.42	185.5	160	1.36	19.05	0.73	0.02	155	291	23	1.4	1130
G244199	1.88	0.010	1.18	0.65	194.5	80	0.29	9	4.34	<0.02	>500	125.5	6	0.32	264
G244200	2.42	0.015	0.85	0.31	135	70	0.21	3.93	6.4	<0.02	500	120	11	0.21	1000

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CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244161		6.65	15	0.14	2	0.11	4.69	48.2	26.2	2.54	3800	9.39	0.03	3.6	25.8	630
G244162		6.16	18.65	0.16	2.5	0.142	4.41	55.6	46.7	2.2	3110	3.43	0.07	4.4	23	670
G244163		6.72	14.95	0.17	2.2	0.107	3.77	58.2	40.6	2.25	3590	9.35	0.18	3.8	23.4	690
G244164		7.38	14.5	0.14	1.8	0.091	3.15	44.3	15.6	2.12	5590	5.59	1.48	4	19.6	590
G244165		6.24	23.2	0.16	2.4	0.122	3.77	54.2	20.3	1.03	2510	7.7	1.71	7.6	20.5	820
G244166		3.92	24.9	0.12	2.3	0.1	2.8	40.4	19.6	1.65	3270	2.88	2.14	8.1	12.1	720
G244167		3.62	10.1	0.21	1.7	0.052	1.98	241	5.9	3.03	5180	23.1	2.88	7.5	23.8	1210
G244168		6.06	22.5	0.17	2	0.099	4.54	74.7	24	1.31	2510	8	1.46	6.2	18.4	860
G244169		6.93	17.5	0.14	2	0.125	3.64	45.9	34.9	2.27	3730	12.7	0.53	4.7	17.4	670
G244170		8.03	17.25	0.17	2	0.142	4.15	52.9	36.9	2.45	4380	1.7	0.23	4.6	17.8	660
G244171		7.32	19.6	0.17	2.1	0.155	4.33	51.9	47.5	2.26	3820	2.09	0.08	4.3	16.2	680
G244172		6.69	14.65	0.15	1.8	0.093	5.34	61.4	35	2.65	3470	18.35	0.06	4.7	13.4	680
G244173		2.47	56.6	0.06	4.1	0.025	0.4	8.4	295	7.35	215	20.1	0.16	9.7	138	850
G244174		5.06	16.75	0.15	2.2	0.132	3.53	58.1	42.2	2.65	3780	21.1	0.34	5.3	14.2	700
G244175		8.12	16.1	0.21	1.8	0.1	3.88	127	52.8	3.69	4080	32.6	0.09	5.5	18.9	890
G244176		6.58	19.7	0.16	2.1	0.178	4.24	63.1	39.7	2.32	2690	4.28	0.02	5.7	14.4	670
G244177		7.33	17.85	0.17	2	0.154	4.15	57.5	41.8	2.62	2970	10.6	0.1	5.3	20.2	700
G244178		8.47	16.55	0.19	2	0.124	4.13	75.5	38.3	1.95	2820	13.1	0.1	4.6	22.7	730
G244179		8.15	16.85	0.19	2	0.129	4.36	71.9	37.3	1.81	4020	10.35	0.06	4.8	22.7	690
G244180		11.55	14.35	0.19	1.6	0.114	3.69	63.8	31.2	1.83	3240	31.6	0.05	4.5	28.5	730
G244181		13.25	8.33	0.18	1.4	0.056	1.82	42.3	15.8	0.86	1740	7.4	0.02	2.4	27.4	480
G244182		11.9	18.5	0.21	1.8	0.148	4.34	86.7	40.3	1.61	3180	10.6	0.05	3.9	33.5	720
G244183		0.05	0.16	<0.05	0.6	<0.005	0.01	1.4	2.3	0.01	13	0.07	0.01	0.2	0.5	10
G244184		7.82	18.05	0.2	1.7	0.166	4.34	110.5	42.3	2	3930	31.5	0.07	4.9	34	630
G244185		6.44	24.2	0.23	2.1	0.18	5	139	71.4	1.95	2070	24.7	0.04	5.9	29.2	920
G244186		5.22	23.7	0.15	2.1	0.196	5.39	57	52.8	2.05	3670	11.95	0.05	7.3	20.4	720
G244187		6.81	20.1	0.16	1.8	0.19	4.67	63.5	40.6	1.91	4120	22	0.07	5.3	23.6	710
G244188		6.17	18.35	0.16	1.8	0.191	4.3	59.5	36.2	2	4510	20.8	0.13	5.3	25.3	740
G244189		5.65	16.55	0.14	1.8	0.225	3.89	60.3	34.1	2.04	4620	32.4	0.24	5.2	22.7	720
G244190		4.41	20.5	0.14	2.9	0.207	4.03	52.9	38.6	2.55	5370	4.37	0.27	4.4	15.2	710
G244191		13	10.05	0.19	1.8	0.141	2.85	50.1	22.4	2.35	4210	14.35	0.57	2.3	38.2	600
G244192		7.07	14.25	0.18	2	0.195	3.07	74.9	24.9	2.83	5010	11.95	0.25	2.6	18.9	610
G244193		5.39	16	0.1	2.2	0.473	3.16	29.6	38.1	2.96	4360	21.9	0.05	3.7	13.6	720
G244194		5.99	14.7	0.12	2.1	0.509	2.77	38.6	35.4	2.93	4370	31.9	0.05	3.2	16.9	720
G244195		4.99	15.45	0.17	2.1	0.305	2.94	98.9	43.5	2.85	4270	12.35	0.19	3.8	10.5	660
G244196		5.33	14.8	0.15	1.6	0.144	3.08	57.8	29.6	0.85	829	19.65	0.03	5.3	17.6	750
G244197		19.4	8.28	0.23	0.8	0.148	1.33	35.9	18.8	0.83	1455	9.82	0.02	5.6	59.5	760
G244198		16.5	12.3	0.24	1.1	0.13	1.82	115	29.7	0.52	341	14.35	0.03	5.6	52.9	530
G244199		13.2	6.94	0.47	0.3	0.086	0.29	830	8.2	1.4	2840	43.8	0.01	21.5	52.7	4020
G244200		10.95	9.04	0.36	0.1	0.106	0.11	316	4.6	1.94	3800	109.5	0.01	28.2	98.1	7710

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244161	2	179.5	0.006	0.1	1.37	11.4	2	2.5	69.1	0.28	0.06	13.3	0.108	3.44	7.7
G244162	2	205	0.002	0.1	1.63	13.2	2	4.1	64.6	0.35	0.07	14.8	0.138	3.66	9.8
G244163	2.8	157.5	0.002	0.15	1.65	11.7	2	3.3	67.2	0.26	0.1	12.8	0.107	2.99	12
G244164	1.3	129.5	<0.002	0.04	1.38	9.2	2	3.5	58.5	0.32	0.05	12	0.121	2.54	7.2
G244165	1.9	182.5	0.003	0.02	2.21	15.1	2	6.8	50.7	0.59	0.13	16.3	0.19	3.76	8
G244166	1.6	152	<0.002	0.02	2.35	14.8	2	9.9	45.5	0.65	<0.05	14	0.198	3.17	8.7
G244167	6	68.2	0.023	0.86	2.75	9.5	6	9.4	47.2	0.38	0.37	12.6	0.122	2.42	30.6
G244168	1.4	196	0.006	0.03	2.2	14.2	2	7.1	43.4	0.5	0.05	13.7	0.201	5.16	7.2
G244169	1.4	205	0.004	0.04	1.78	11.7	2	3.9	67.8	0.35	0.05	13.3	0.162	4.85	7
G244170	1.9	238	0.003	0.03	1.71	12.6	2	3.7	46.3	0.35	0.11	13.3	0.168	5.8	7.5
G244171	1.8	253	0.002	0.01	1.7	13.7	2	4.4	29.9	0.33	0.08	13.5	0.17	6.19	8.7
G244172	2.5	204	0.009	0.1	2.48	11.9	4	4.3	23.4	0.37	0.21	12.1	0.15	6.56	11.8
G244173	304	15.2	0.006	1.87	1.32	10.1	4	3	32.6	0.8	0.27	13.7	0.218	0.14	1020
G244174	2.4	206	0.022	0.42	2.7	11.9	3	3.4	28.6	0.4	0.41	15.6	0.157	6.73	8.6
G244175	4.1	170.5	0.008	0.88	3.55	11.6	6	4.6	20.9	0.38	0.99	14.9	0.156	6.58	19.1
G244176	3	264	0.004	0.25	1.93	13.7	2	4.1	104	0.42	<0.05	13.7	0.183	7.44	4.7
G244177	1.2	239	0.005	0.04	1.79	12.4	2	3.6	20.1	0.36	<0.05	13.4	0.171	6.85	5.3
G244178	1.3	227	0.004	0.06	1.6	11.5	2	4.1	32.9	0.3	0.06	13	0.152	6.94	6.3
G244179	1.3	237	0.004	0.07	1.88	12.2	2	3.8	47.5	0.33	0.05	14.9	0.154	7.61	5.6
G244180	3.1	194.5	0.012	0.73	2.97	10.5	5	5.3	40.7	0.26	1.43	12.1	0.123	8.67	15.4
G244181	2	102	0.002	0.46	2.65	5	2	3	32.7	0.16	0.13	7.9	0.095	3.86	5
G244182	1.6	259	0.003	0.06	1.69	12.3	2	5.2	31.8	0.22	<0.05	13.4	0.156	9.36	7.8
G244183	0.9	0.4	<0.002	0.01	<0.05	0.2	2	<0.2	1.9	<0.05	<0.05	0.2	0.006	<0.02	0.4
G244184	6.6	240	0.011	3.56	3.51	12.8	3	4.1	31.2	0.36	0.27	14.1	0.165	17	13.7
G244185	5.1	283	0.005	1.44	2.75	17.2	3	5.1	33.9	0.39	0.25	18.1	0.204	12.85	17.5
G244186	2.3	301	0.003	0.53	2.62	16.9	2	3.7	27.2	0.55	0.1	14.2	0.241	12.5	7.6
G244187	2.6	266	0.002	0.23	2.25	14.3	2	2.9	27.4	0.39	<0.05	14.4	0.192	11	7.1
G244188	2	242	0.003	0.79	2.29	13.2	2	2.9	28.7	0.4	0.18	13.4	0.182	11.55	10.4
G244189	3.4	213	0.005	1.38	2.18	11.2	2	3.4	31	0.36	0.15	12.7	0.175	12.5	12.2
G244190	3.5	236	0.016	1.05	1.81	12.2	1	4.9	27.6	0.33	0.06	14.3	0.177	9.81	6.2
G244191	14.4	128	0.008	>10.0	2.37	6.1	1	2.3	19.8	0.16	0.2	9.6	0.083	16.2	8
G244192	4.1	174.5	0.003	4.77	1.56	8.4	<1	3.8	30.7	0.19	0.09	11.8	0.123	11.4	3.7
G244193	3	188.5	0.022	2.36	2.4	9.4	1	6.1	23	0.27	0.12	13	0.147	13.1	4.8
G244194	4.1	168	0.027	3.28	2.31	8.6	1	5.6	22.1	0.21	0.17	11.1	0.126	12.7	6.2
G244195	3	162.5	0.062	1.76	2.7	9	1	6.1	22.4	0.28	0.05	12.2	0.14	12.7	4
G244196	7.5	160.5	0.02	4.6	4.11	6.1	1	7.5	8.3	0.28	0.07	9.2	0.124	22	3.7
G244197	20	82.6	0.006	>10.0	3.43	3.2	3	5.1	10.9	0.2	0.23	4.2	0.064	158.5	4.4
G244198	24.9	122	0.004	>10.0	4.79	3.6	3	7.9	5.3	0.2	0.56	6.2	0.092	68.5	6.8
G244199	15.4	21	0.01	>10.0	9.31	1.3	5	4.9	26.5	0.39	1.72	6.6	0.04	63.6	18.9
G244200	11.9	8.9	0.016	8.64	4.85	0.6	11	8.7	35.1	0.71	1.95	11.1	0.034	22.2	20

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
G244161		57	5.7	14	27	58.9		
G244162		62	7.3	16.7	29	74		
G244163		52	6.9	16	27	63.9		
G244164		61	6	13	4	54.7		
G244165		79	11.6	20.5	5	74		
G244166		82	14.1	21.1	5	71.8		
G244167		57	12.4	25	7	52		
G244168		92	10	17.6	6	63.5		
G244169		66	9.2	17.5	5	61.8		
G244170		70	9.9	15.6	4	64.3		
G244171		74	11.5	14.9	9	66.7		
G244172		64	12.1	18.5	29	56.7		
G244173		212	2.8	25.6	32	133.5		0.11
G244174		59	9.6	18.4	19	65.1		
G244175		78	12.3	20.9	49	55.5		
G244176		70	11.7	15.5	9	64.7		
G244177		70	9.1	15.3	17	64		
G244178		66	9	13.5	11	62.9		
G244179		64	9.3	12.6	7	63		
G244180		57	9.6	13.3	7	51.6		
G244181		49	6.6	9.2	6	43.9		
G244182		74	10.4	12.3	5	54.3		
G244183		1	<0.1	1.7	3	19.5		
G244184		70	10	13.7	13	55		
G244185		100	13.1	17.9	29	66.6		
G244186		85	11.6	14.4	12	65.3		
G244187		75	9.7	13.3	11	56.8		
G244188		70	9.3	13.2	6	54.5		
G244189		70	10	18.8	7	54.1		
G244190		71	11.7	20.5	5	84		
G244191		51	6.7	15.3	9	52.1		
G244192		58	10.8	14.7	6	60.1		
G244193		69	14.7	15.6	11	65	1.495	
G244194		67	12.5	15.6	10	61.7	1.650	
G244195		71	15.3	14.5	17	63.6		
G244196		162	15.8	7.7	4	46.4		
G244197		309	7.9	5.8	7	23.6		
G244198		620	11.6	5.3	5	31.9		
G244199		544	14.2	17.8	8	9		
G244200		2110	15	27	12	3.9		

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Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method / Analyte / Units / LOR / Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G244201	2.88	0.041	3.5	0.28	284	30	0.17	14.45	5.96	0.04	>500	197.5	<1	0.24	477
G244202	2.56	0.019	1.91	0.1	223	60	0.06	8.03	3.9	<0.02	>500	252	4	0.12	331
G244203	2.52	0.021	1.33	0.26	218	40	0.21	5.69	3.32	0.04	315	191	6	0.19	206
G244204	0.08	0.914	36.6	4.65	1435	520	0.62	31.1	6.78	0.61	24.9	43.1	273	1.2	4540
G244205	2.02	0.024	2.65	0.41	246	30	0.25	10.4	3.19	<0.02	>500	166	7	0.39	240
G244206	0.98	0.033	1.82	0.13	118.5	110	0.19	7.38	2.63	<0.02	>500	108	16	0.33	184
G244207	3.24	0.015	0.59	0.09	48	70	0.13	1.5	5.69	<0.02	>500	53.3	<1	0.15	561
G244208	3.16	0.016	0.69	0.1	63.4	90	0.09	1.17	5.91	<0.02	>500	78.7	<1	0.12	300
G244209	2.38	<0.005	0.18	0.16	18	1510	0.13	0.13	7.29	<0.02	349	21.7	<1	0.09	336
G244210	0.40	0.008	0.43	0.13	83.2	90	0.11	0.64	6.32	<0.02	335	74.1	<1	0.12	120.5
G244211	2.86	0.007	0.67	0.26	74.5	50	0.16	1.43	6.04	0.02	209	78.2	<1	0.2	183.5
G244212	3.00	0.019	2.21	0.33	122.5	40	0.14	4.13	2.97	0.02	>500	53.2	5	0.17	433
G244213	0.06	<0.005	0.02	0.06	0.9	20	<0.05	0.02	0.03	<0.02	3.62	0.3	1	<0.05	3.6
G244214	1.88	<0.005	0.81	0.07	20.6	140	0.08	0.34	7.67	0.02	>500	9.6	4	0.08	6730
G244215	1.16	0.084	11.45	0.05	30.2	110	0.07	1.9	7.58	0.02	>500	16.8	<1	0.07	5470
G244216	1.50	0.030	4.21	0.04	15.1	1180	0.07	1.46	5.49	0.02	391	13.5	9	0.05	2680
G244217	1.60	0.011	1.24	0.11	37.6	60	<0.05	4.23	3.16	<0.02	488	36.1	9	0.08	231
G244218	0.90	0.025	2.35	0.15	54.2	130	0.07	6.49	3.04	0.02	>500	69.1	18	0.07	205
G244219	1.66	0.012	1.06	0.13	55	80	0.05	5.47	1.42	<0.02	>500	74	16	0.09	119.5
G244220	1.76	0.012	0.71	0.14	66.7	70	0.08	5.07	8.27	0.03	>500	66	2	0.1	162
G244221	1.62	0.009	0.52	2.72	96.6	230	0.52	3.45	9.04	0.02	215	149	15	1.32	173.5
G244222	1.24	0.005	0.08	6.24	211	400	1.4	0.21	5.56	0.02	100	162.5	29	3.22	278
G244223	1.16	0.005	0.08	6.92	359	510	1.75	0.29	4.87	<0.02	105	261	35	4.7	258
G244224	1.56	0.012	0.8	0.43	69.6	60	0.23	3.61	6.62	<0.02	>500	89.3	7	0.37	1210
G244225	0.74	0.097	0.61	8.05	7.8	1220	2.9	0.56	2.43	<0.02	90.4	15	44	4.59	2400
G244226	1.82	0.031	0.1	7.69	8.9	2020	2.16	0.15	2.48	<0.02	101	18.4	48	5.25	174

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244201		22.5	4.92	0.41	0.1	0.122	0.12	411	3.6	1.66	3040	42.4	0.03	25.6	100.5	8400
G244202		18.7	2.51	0.37	0.1	0.041	0.04	560	1.7	1.2	2540	31.5	0.02	10.7	82	2120
G244203		12.45	2.58	0.21	0.1	0.062	0.08	236	4.1	1.11	2390	83.2	0.02	19	80	2080
G244204		4.42	13	0.09	0.8	0.212	1.42	18.4	14	0.82	1810	731	0.67	2	19.1	590
G244205		15.75	5.38	0.34	0.2	0.055	0.08	460	7.7	1.05	2230	337	0.01	20.7	84.3	2820
G244206		8.83	6.41	0.58	0.1	0.033	0.04	1490	3.4	0.7	1605	101.5	0.01	35.8	59.4	4020
G244207		28.3	5.56	0.38	0.1	0.133	0.01	580	1.7	1.85	5470	56.8	0.01	29.1	57.3	3520
G244208		32.2	6.14	0.41	0.1	0.148	0.01	500	1.4	1.82	6120	66.6	0.01	28.6	58.8	3620
G244209		38.2	9.67	0.36	0.1	0.135	0.01	202	2.3	2.09	8610	19.5	0.01	33.7	87.6	4840
G244210		36.4	8.72	0.38	<0.1	0.108	0.01	191	1.8	1.88	6310	25.8	0.01	29.7	81.6	4050
G244211		33.3	6.26	0.3	0.1	0.133	0.02	130.5	3.5	2.07	5230	59.7	0.01	27.9	80.8	3100
G244212		17.05	3.66	0.33	0.2	0.076	0.01	560	6	1.18	2310	61.8	0.01	14.9	33.5	1820
G244213		0.12	0.07	<0.05	1	<0.005	0.01	2.1	2.1	0.02	22	0.3	<0.01	0.2	0.6	20
G244214		15.1	2.33	0.29	0.1	0.175	0.01	620	1.3	2.74	4920	26.9	0.01	16.4	4.7	2130
G244215		17.55	2.16	0.32	<0.1	0.161	<0.01	560	1.1	2.72	6040	40.2	0.01	17.4	19	2010
G244216		14.25	1.6	0.22	<0.1	0.106	0.01	329	0.9	1.84	5100	19.95	0.01	10.4	22.2	1220
G244217		8.23	1.69	0.18	<0.1	0.081	0.01	411	2.9	1.11	2740	71.1	0.01	4.4	26.7	1170
G244218		11.4	1.72	0.24	<0.1	0.094	0.01	440	4.5	0.92	3110	108.5	0.01	4.3	37.3	1320
G244219		8.91	1.91	0.21	<0.1	0.045	0.01	470	4.4	0.41	1000	99.2	0.01	7.1	25.1	1250
G244220		16.9	2.21	0.25	0.1	0.203	0.01	520	1.5	3.21	8080	114.5	0.01	8.6	15.3	1160
G244221		11.8	8.55	0.17	0.9	0.184	1.26	186	18.5	3.26	13000	35	0.2	4.2	31.9	670
G244222		4.04	14.55	0.13	2.3	0.178	2.64	61.4	44.5	2.73	7500	4.71	0.94	4.8	18.8	630
G244223		5.02	18.25	0.17	2.6	0.2	3.05	63.1	67	2.89	5790	7.8	0.45	5.7	25.8	690
G244224		21	6.16	0.4	0.2	0.093	0.13	620	5.4	1.44	4990	116.5	0.02	22.7	40.2	3290
G244225		5.82	21.8	0.16	3.5	0.228	4.1	56.6	70.4	1.73	2680	27.2	0.05	6.3	25.7	760
G244226		7.13	21	0.23	2.1	0.226	4.67	62.5	71.9	1.44	3200	14.05	0.06	5.5	23.9	700

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CERTIFICATE OF ANALYSIS VA07125587

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244201	23.8	8.6	0.017	>10.0	11.35	0.4	7	8.6	37.7	0.74	3.35	13.5	0.033	123.5	15.4
G244202	21.5	2.4	0.009	>10.0	15.05	0.4	6	3.3	25.1	0.05	1.9	1.4	<0.005	78.2	8.1
G244203	21.5	5.4	0.013	>10.0	11.45	0.5	6	7.6	19.6	0.09	1.69	1.6	0.009	40.9	12.8
G244204	66.4	33.7	0.078	0.85	91.4	5.6	3	3	300	0.1	3.28	1.5	0.125	0.4	2.6
G244205	38.7	5.9	0.018	>10.0	13.05	0.3	9	9	19.6	0.15	2.47	3.2	0.013	20.6	15.9
G244206	21.7	3.6	0.019	9.47	12.1	0.4	14	9.9	20.5	0.05	3.85	1.6	<0.005	38.7	17.7
G244207	11.2	0.6	0.017	2.06	5.27	0.1	3	5.1	123	0.11	0.85	2.1	<0.005	7.94	9.1
G244208	8.5	0.4	0.016	1.85	5.63	0.1	5	7	137	0.16	1.38	2.8	<0.005	1.67	12.6
G244209	5.5	0.6	0.02	0.19	1.6	0.1	1	4.2	341	0.42	0.21	5.6	0.008	0.47	15.3
G244210	8.4	0.5	0.012	1.94	2.38	<0.1	4	3.3	160.5	0.29	1.05	4.5	<0.005	0.55	16
G244211	12.6	0.9	0.016	3.9	6.23	0.2	3	3.8	97.9	0.13	1.04	2.2	0.008	9.31	12
G244212	44.8	0.6	0.014	>10.0	8.24	0.5	5	3.5	106.5	0.08	1.26	1.4	0.011	51.8	10.7
G244213	6.4	0.5	<0.002	0.03	0.08	0.2	<1	<0.2	2.3	<0.05	<0.05	0.4	0.006	0.11	0.3
G244214	3.3	0.3	0.006	1.44	1.48	0.2	3	4.2	378	<0.05	0.71	0.5	<0.005	0.65	3.4
G244215	12.1	0.2	0.011	2.15	2.8	0.5	11	4.3	80.4	<0.05	9.61	0.6	<0.005	0.66	20.2
G244216	9	0.2	0.009	0.94	2.66	0.1	8	4	34.8	<0.05	4	0.4	<0.005	1.26	11
G244217	29.3	0.2	0.013	7.04	3.96	0.2	5	0.8	23.2	<0.05	1.55	0.9	<0.005	15.05	9.7
G244218	34.1	0.3	0.009	>10.0	4.77	0.3	9	0.8	17	<0.05	2.75	1.4	<0.005	25	13.9
G244219	26.7	0.3	0.006	8.41	4.3	0.4	3	1.2	11.4	<0.05	1.06	1.3	<0.005	15.55	9.4
G244220	10.7	0.4	0.003	5.11	4.42	0.6	3	1.4	28.3	<0.05	1.32	0.5	<0.005	16.15	11.7
G244221	9.5	44.1	0.006	6.26	2.07	3.9	2	2.3	29.3	0.18	0.42	5.7	0.063	13.15	30.3
G244222	3.5	99	0.002	0.24	1.58	9.8	<1	3.2	20.9	0.39	0.11	12.8	0.138	3.69	23.7
G244223	3.8	121	0.002	0.53	1.92	11.1	1	4	19.1	0.47	0.1	14.1	0.167	4.25	27.1
G244224	12.1	8.1	0.015	2.67	8.59	0.5	3	7.2	183	0.19	0.62	3.8	0.013	6.32	11.4
G244225	2.9	271	0.002	0.23	3.36	12.6	4	4.3	13.4	0.46	1.33	18.3	0.206	6.55	9.4
G244226	1.8	282	0.002	0.05	2.56	12.5	2	4.6	26.2	0.41	0.1	17.1	0.225	7.24	6.1

***** See Appendix Page for comments regarding this certificate *****

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 30-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001	U-XRF10 U % 0.01
G244201		1505	13.9	23.4	11	5.1		
G244202		527	2.8	7.7	7	1.9		
G244203		1225	7.1	6.1	14	3.8		
G244204		65	15.6	9.8	117	24		
G244205		1970	7.2	10.2	21	6.9		
G244206		782	7.3	13.3	11	6.1		
G244207		2000	8.2	13	11	1.8		
G244208		2310	6.8	13.5	12	0.9		
G244209		3270	5	16.7	13	0.5		
G244210		3310	3.1	14.2	13	0.8		
G244211		2250	4.5	10.4	17	2.9		
G244212		570	8	10.5	16	6.4		
G244213		5	0.2	1.8	2	27.9		
G244214		504	13.1	11.1	10	1.6		
G244215		587	7.6	10.2	10	0.7		
G244216		531	7	6.3	8	0.6		
G244217		184	1.8	6.5	10	1.1		
G244218		195	3.9	8.6	13	1.4		
G244219		133	3.1	4.6	8	1.7		
G244220		235	9.3	13.5	13	1.5		
G244221		133	5.5	22.1	32	25.8		
G244222		58	6.9	15.1	21	63.1		
G244223		68	8.3	15.9	28	73.6		
G244224		1280	9.5	16.4	7	5.4		
G244225		90	12.5	15.4	7	93.4		
G244226		77	11	13.1	7	65.1		

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125587

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in MS61 method.

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Finalized Date: 10-DEC-2007
Account: EIAFRG

CERTIFICATE VA07125589

Project: Werneckes

P.O. No.: FRG07-01

This report is for 81 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
G242073		7.88	0.012		0.02	6.69	1.1	750	2.77	0.11	3.86	<0.02	96.1	10.7	50	2.23
G242074		7.80	0.011		<0.01	7.25	0.5	1020	3.29	0.04	1.86	<0.02	102	8	55	1.78
G242075		5.44	<0.005		<0.01	7.63	1	760	2.92	0.07	1.97	<0.02	186.5	11.5	52	2.07
G242076		8.10	<0.005		<0.01	7.44	0.9	1320	2.54	0.06	1.7	<0.02	146.5	10.3	53	3.64
G242077		8.74	<0.005		<0.01	6.96	0.3	460	2.03	0.05	4.62	<0.02	94.4	9.4	48	1.67
G242078		8.38	<0.005		<0.01	7.24	0.6	1010	3.17	0.05	2.59	<0.02	111.5	10	49	2.31
G242079		8.48	0.006		<0.01	6.32	0.6	930	2.3	0.07	3.01	<0.02	100.5	10.3	46	2.22
G242080		8.34	<0.005		<0.01	7.06	0.9	930	2.22	0.05	2.56	<0.02	77.8	7.1	42	1.92
G242081		4.44	<0.005		<0.01	7.17	1.2	1540	1.91	0.04	2.56	<0.02	85.3	6	43	2.4
G242082		4.44	<0.005		<0.01	6.77	0.9	1450	1.9	0.04	2.1	<0.02	62.4	5.8	45	2.18
G242083		7.00	<0.005		<0.01	7.07	2.2	1190	2.77	0.03	4.27	0.03	35	6.3	44	2.66
G242084		4.90	<0.005		<0.01	5.59	0.9	690	1.99	0.05	5.04	<0.02	36.1	4.8	32	2.16
G242085		2.74	<0.005		<0.01	6.87	0.6	310	1.75	0.09	4.51	<0.02	14.05	4.6	59	0.88
G242086		5.44	<0.005		<0.01	6.93	0.6	340	2.88	0.02	2.57	<0.02	8.53	5.4	46	1.21
G242087		7.46	<0.005		0.04	7.34	<0.2	1360	1.64	0.02	2.85	<0.02	80	7.4	48	1.65
G242088		6.16	<0.005		0.04	6.59	<0.2	1640	1.62	0.03	5.26	<0.02	155	5.9	43	1.52
G242089		7.70	<0.005		0.04	7.14	<0.2	1860	1.9	0.02	1.69	<0.02	47.2	4.9	50	1.9
G242090		8.08	<0.005		0.02	6.89	<0.2	1970	2.24	0.03	2.81	<0.02	40.8	4.3	48	1.67
G242091		6.86	<0.005		0.04	6.88	<0.2	1600	1.27	0.03	6.48	<0.02	40	6.1	40	1.74
G242092		7.46	<0.005		0.02	6.73	0.2	1520	2.54	0.03	3.59	<0.02	80.2	7.3	50	2.05
G242093		6.74	<0.005		0.01	6.46	<0.2	1700	2.16	0.03	3.73	0.02	68.2	5.1	45	1.59
G242094		7.18	<0.005		<0.01	6.81	0.4	2210	2.86	0.03	1.81	0.02	41.1	6.6	50	2.25
G242095		4.68	<0.005		0.01	6.66	0.2	2190	2.68	0.02	2.52	<0.02	61.7	6.7	49	2.25
G242096		3.18	<0.005		0.02	6.44	<0.2	1800	3.36	0.03	2.56	<0.02	36.9	6.2	49	1.87
G242097		4.04	0.014		0.03	6.91	<0.2	2140	3.86	0.14	2.48	<0.02	30	6	44	1.87
G242098		3.62	0.008		0.04	7.05	<0.2	1690	2.93	0.15	3.62	<0.02	35.7	8.1	53	2.36
G242099		3.46	0.013		0.02	6.66	0.4	2730	2.23	0.08	1.77	0.02	50.1	5.3	52	1.87
G242100		3.56	<0.005		<0.01	6.67	<0.2	2680	1.23	0.07	2.23	<0.02	36.7	6.2	60	1.69
G242101		3.44	<0.005		0.03	6.98	<0.2	2580	1.48	0.04	3.68	<0.02	59.5	5.5	54	1.9
G242102		3.24	0.012		0.01	6.61	<0.2	2540	1.56	0.1	2.37	<0.02	61.2	4.8	69	1.96
G242103		3.34	0.010		0.03	6.55	<0.2	2420	1.73	0.22	4.12	0.02	32.8	6.9	59	1.66
G242104		3.72	0.009		0.06	6.42	<0.2	2450	1.18	0.07	4.18	<0.02	27.3	7.2	55	1.33
G242105		4.02	0.237		0.14	5.76	<0.2	310	0.71	2	7.33	<0.02	42.4	13	62	0.87
G242106		2.66	0.867		0.46	6.89	0.2	970	2.79	5.64	3.59	<0.02	85.2	8.7	110	1.5
G242107		3.10	0.896		0.57	4.88	<0.2	220	1.36	9.84	7.06	<0.02	48.5	8.9	38	1.03
G242108		3.50	1.320	1.91	0.74	5.91	0.6	400	1.42	9.8	2.26	<0.02	101.5	5.4	39	2.38
G242109		3.30	0.233		0.39	6.66	0.3	440	1.73	6.43	2.58	<0.02	81.8	5.3	44	2.59
G242110		2.70	0.025		0.07	6.96	<0.2	3730	0.86	0.54	1.88	<0.02	36.5	6.6	49	1.19
G242111		3.14	0.164		0.13	6.96	0.7	1590	0.97	0.93	1.66	<0.02	54.6	8.2	45	1.14
G242112		2.42	0.488		0.25	7.21	1.1	2710	1.41	0.36	1.77	<0.02	54.1	16.6	48	1.4

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
G242073		438	3.68	18.6	0.23	1.8	0.045	3.08	47.1	22.2	1.22	1055	1.15	2.03	5.4	32.1
G242074		70.9	1.83	19.5	0.22	2.5	0.046	3.85	53.3	15.3	0.87	532	0.49	2.57	7.1	26.3
G242075		94.9	2.59	21.4	0.29	2.9	0.052	2.9	109	20.8	1.59	725	0.61	2.83	7.2	38.5
G242076		295	2.48	21.4	0.27	2.3	0.075	3.87	70.6	19.4	1.12	615	0.66	1.49	6.9	30.9
G242077		254	2.3	18.55	0.26	2.1	0.043	2.12	49.4	17.9	1.54	958	0.43	3.13	6.4	44.8
G242078		76.3	1.91	19.55	0.26	2.7	0.043	3.43	53.8	16.3	0.99	690	0.41	2.59	7.4	28.8
G242079		232	2.5	18.15	0.25	2.5	0.038	3.28	48.4	17.1	1.01	735	0.44	2.01	6.1	27.1
G242080		95.1	1.69	18.45	0.23	2.7	0.043	3.32	38.8	13.3	0.88	603	0.24	2.71	7	23.6
G242081		93	1.51	19.5	0.24	2.8	0.038	4.48	43.3	12.8	0.8	590	1.83	1.99	8.2	23
G242082		91.9	1.49	18.15	0.21	2.8	0.033	4.26	31.9	12.2	0.81	514	3.59	1.88	7.2	23.1
G242083		101	1.22	17.35	0.21	2	0.034	3.83	17.7	13.2	0.83	817	3.75	2.47	7.2	21.1
G242084		190	0.97	14.9	0.22	1.3	0.033	2.62	17.8	9	0.62	989	0.6	2.42	4.9	17
G242085		1040	0.95	19.65	0.24	1.5	0.032	1.36	7.1	4.4	0.56	835	88.8	4.3	5.6	23.7
G242086		19.4	0.82	19.1	0.17	1.8	0.039	1.71	3.9	6.5	0.43	478	0.75	4.91	6.4	17.6
G242087		19.5	1.84	18.25	0.28	2	0.029	3.31	37.6	12.1	1.17	626	0.38	2.05	6.5	30
G242088		39.6	1.43	16.5	0.35	1.7	0.024	3.48	74.8	9.3	0.77	876	0.34	1.64	7.4	20
G242089		35.2	1.43	16.3	0.18	1.6	0.024	3.62	25.8	10.6	0.75	360	0.3	1.36	6.4	19.9
G242090		66.8	0.84	15.5	0.19	2.1	0.024	3.89	20.1	6.8	0.51	405	0.44	1.81	8.9	16.8
G242091		19.3	1.99	15.25	0.21	1.4	0.013	3.52	22.2	9.7	1.1	1135	0.78	1.46	6.2	23.2
G242092		8.3	1.65	19.45	0.22	2	0.021	3.51	38.5	15.9	0.88	628	0.23	1.75	8.1	28.9
G242093		35.4	0.97	19.75	0.22	2	0.023	3.59	32.8	10	0.57	571	0.52	2.21	8.5	23
G242094		46.7	1.12	23.4	0.17	3	0.028	3.55	19.9	13.8	0.57	367	0.16	1.44	10.3	25.2
G242095		29.7	1.44	22.4	0.22	2.1	0.031	3.18	29.8	16.8	0.81	542	0.42	1.27	8.3	31.7
G242096		58	0.99	19.25	0.2	2.1	0.027	3.19	19.1	12.5	0.59	516	0.39	1.41	7.9	24.2
G242097		703	1	18.75	0.19	3.4	0.031	3.36	14.7	11	0.52	445	1.42	1.84	9.4	22.8
G242098		484	1.42	18.4	0.24	1.9	0.038	3.49	19.6	14.6	0.81	698	7.52	1.38	7	26
G242099		223	0.91	20.6	0.19	2.9	0.032	3.7	24.6	8.8	0.45	366	2.07	0.82	8.9	19.9
G242100		270	1.16	24.5	0.21	1.9	0.032	3.66	18.1	9.8	0.67	510	0.92	0.78	9.2	29.8
G242101		132	1.14	21.3	0.25	1.4	0.036	3.79	29.9	12.3	0.64	792	1.02	0.72	7.5	23.4
G242102		494	1	22.8	0.24	1.8	0.041	3.93	29.5	10.5	0.47	489	0.45	0.6	8.1	24.7
G242103		1100	1.22	19.35	0.24	1.9	0.041	3.99	16.1	10.3	0.71	755	1.66	0.48	8.2	24.7
G242104		331	1.05	18.45	0.26	1.8	0.025	4.32	13.7	9.6	0.67	771	0.41	0.49	6.5	22.2
G242105		9030	1.63	14.2	0.21	2	0.098	3.73	22	4.8	0.47	642	14.75	0.48	3.9	22.7
G242106		>10000	2.79	21.6	0.27	3.8	0.242	3.95	42.7	5.9	0.56	350	93.5	0.75	5.3	37.4
G242107		>10000	5.33	17.05	0.31	1	0.43	1.21	26.8	3.8	0.85	956	167	0.85	2.5	49.3
G242108		>10000	5.4	20.5	0.31	1.6	0.524	2.66	52.2	7.2	0.73	398	5.24	0.28	4.5	38.5
G242109		>10000	4.13	22.2	0.29	2.1	0.394	3.71	42.7	8.3	0.67	271	28.4	0.33	4.6	44.7
G242110		2770	1.23	20.7	0.17	2.5	0.044	4.65	18.1	8.1	0.51	388	2.77	0.63	8	36.3
G242111		8640	1.89	19.55	0.2	2.3	0.088	3.78	27.6	8.1	0.57	301	3.56	0.84	5.4	43.7
G242112		7720	2.08	19.45	0.2	2.5	0.085	3.95	28.1	12.4	0.62	436	4.45	0.91	6	55.5

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
G242073	740	2.2	134.5	<0.002	0.05	0.62	10.6	2	1.6	40	0.45	0.06	14.2	0.163	0.25
G242074	780	2.7	134.5	<0.002	0.03	0.63	10.7	1	1.7	42.3	0.56	<0.05	16.4	0.175	0.29
G242075	780	2.5	123.5	<0.002	0.05	0.78	11.6	2	1.7	48.1	0.57	<0.05	17.9	0.191	0.24
G242076	830	2.4	138.5	<0.002	0.05	0.76	11.5	1	2.1	40.4	0.53	<0.05	16	0.188	0.44
G242077	800	2.2	79.5	<0.002	0.09	0.55	14.8	2	1.4	42.8	0.48	<0.05	15.1	0.147	0.18
G242078	710	2.1	138	<0.002	0.09	0.64	11	2	2	50.3	0.57	<0.05	15.8	0.208	0.26
G242079	690	1.7	135.5	<0.002	0.11	0.58	10.1	2	1.7	46.9	0.5	<0.05	14.5	0.176	0.24
G242080	650	2.2	119.5	<0.002	0.06	0.57	10.2	1	1.9	46.4	0.56	<0.05	16.4	0.183	0.22
G242081	760	3	149	<0.002	0.11	0.73	10.2	1	2.6	64.9	0.63	<0.05	17.2	0.184	0.32
G242082	710	3	141	<0.002	0.1	0.68	9.5	1	2.2	58.3	0.59	<0.05	15.5	0.17	0.3
G242083	670	4.5	142	<0.002	0.19	0.92	9.5	2	1.6	74.6	0.55	<0.05	15.4	0.172	0.3
G242084	590	2.5	93.8	<0.002	0.15	0.55	7.4	2	1.4	63.6	0.38	<0.05	12.6	0.115	0.2
G242085	710	3.1	46.7	<0.002	0.15	0.45	11.8	2	1.5	75.2	0.44	<0.05	19.9	0.132	0.11
G242086	830	2.5	63.8	<0.002	0.03	0.47	10.7	1	1.6	47.6	0.51	<0.05	12.9	0.148	0.14
G242087	650	2.8	92.6	<0.002	0.17	0.46	10.5	1	1.9	52.5	0.52	<0.05	12.5	0.204	0.25
G242088	510	1.9	118.5	<0.002	0.09	0.48	9.2	1	2.5	66.2	0.59	<0.05	9.8	0.237	0.23
G242089	560	2.1	132	<0.002	0.05	0.5	8.7	1	1.7	53.8	0.52	<0.05	11.8	0.204	0.31
G242090	630	3.5	115	<0.002	0.23	0.5	7.8	1	2	71.2	0.68	<0.05	10.4	0.223	0.31
G242091	570	2	99.1	<0.002	0.21	0.45	9.3	1	1.6	88.6	0.51	<0.05	9.8	0.2	0.21
G242092	600	2.3	142.5	<0.002	0.09	0.8	12.2	1	2	79.3	0.67	<0.05	15	0.2	0.3
G242093	570	3.3	126.5	<0.002	0.35	0.71	10.5	1	2.1	103.5	0.65	<0.05	14.1	0.18	0.24
G242094	550	5.3	127	<0.002	0.16	0.78	10.9	1	3	82.4	0.8	<0.05	13.8	0.201	0.37
G242095	540	2.8	124	<0.002	0.11	0.82	11.9	1	2.5	89.6	0.64	<0.05	13.3	0.192	0.36
G242096	570	2.9	117	<0.002	0.09	0.65	10.8	1	2	80.6	0.6	<0.05	14.7	0.175	0.33
G242097	540	4.5	121.5	<0.002	0.47	0.62	10.4	2	1.9	106.5	0.7	0.09	16.1	0.166	0.34
G242098	580	2.8	173	<0.002	0.47	0.73	11.2	2	1.8	103.5	0.56	0.11	15.7	0.162	0.37
G242099	520	4.3	116.5	<0.002	0.33	0.7	9.1	1	3	95.8	0.66	0.06	13.6	0.178	0.37
G242100	590	3.2	110.5	<0.002	0.14	0.8	12.5	1	3.4	99.9	0.7	<0.05	12.2	0.225	0.36
G242101	630	2.8	125.5	<0.002	0.1	0.7	10.9	1	2.7	90.7	0.57	<0.05	13.5	0.182	0.37
G242102	550	3.1	130.5	<0.002	0.16	0.65	12.4	1	3.3	81.3	0.65	0.08	14.4	0.207	0.42
G242103	550	2.9	131	<0.002	0.82	0.78	11.9	2	3.1	121	0.63	0.17	11.1	0.199	0.35
G242104	510	2.7	128	<0.002	0.09	0.56	11	2	2	86.8	0.52	0.06	10.2	0.168	0.35
G242105	560	3.7	88.8	0.003	4.08	0.33	9	7	2.1	225	0.29	2.04	10	0.101	0.44
G242106	860	9.6	107	0.014	2.34	0.6	15.1	11	4.1	87	0.39	4.18	12.3	0.148	0.54
G242107	640	2.7	80.3	<0.002	4.55	0.45	17.4	29	3	105	0.19	7.54	9.6	0.108	0.17
G242108	470	2	176	<0.002	3.95	0.83	11.4	28	4.2	54	0.33	6.65	9.2	0.143	0.42
G242109	490	2.3	176	<0.002	3.81	0.9	11.5	18	4.7	101.5	0.35	4.51	11.2	0.14	0.44
G242110	620	2.7	107	<0.002	0.63	0.54	10.2	3	2.4	99.5	0.63	0.46	11.6	0.201	0.37
G242111	590	2.7	93.9	<0.002	1.23	0.47	10.3	6	2.7	111.5	0.45	1.35	10.7	0.155	0.28
G242112	640	3.2	107	<0.002	1.2	0.5	10.2	6	3.1	88.1	0.49	1.85	11.8	0.17	0.31

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
G242073		1.7	69	2.5	15.6	15	52.9	
G242074		2.2	61	3.2	17.7	13	73.1	
G242075		2.4	62	3.4	19.7	21	89.3	
G242076		2	65	3.4	19.1	17	72.9	
G242077		2.1	53	3.1	28	19	65.7	
G242078		3.2	58	3.1	24.2	12	84.6	
G242079		3.1	55	2.3	17.7	10	77.9	
G242080		3	51	3.2	17.5	11	82.2	
G242081		3.6	50	4.6	18.3	12	86.7	
G242082		3.3	48	4.2	15.2	13	83.1	
G242083		2.5	46	4.5	15.8	14	60.6	
G242084		1.7	37	4.3	12.5	10	39.6	
G242085		3.7	69	3.9	11.5	7	46.3	
G242086		2.2	47	4.3	11.9	8	52.9	
G242087		2.1	57	4.2	14.5	12	67.4	
G242088		1.5	52	5.8	16.9	9	53.1	
G242089		1.9	52	3	11.6	8	51.3	
G242090		1.8	46	4.9	17.1	10	64.2	
G242091		1.7	55	4	13.7	9	45.2	
G242092		2.5	57	4.8	15.5	9	58.9	
G242093		2.5	48	5.3	16.3	10	60.3	
G242094		2.5	55	4.7	15.7	10	86.4	
G242095		2.3	57	4	13	10	68.4	
G242096		2.6	47	4.3	17.7	8	60.9	
G242097		3.3	43	4.4	25.7	10	95.8	
G242098		2.5	47	3.2	17	8	62.9	
G242099		2.5	46	4.6	17.6	15	85.9	
G242100		1.9	74	6.2	11.4	9	58.1	
G242101		1.8	47	4.8	12.9	10	47.6	
G242102		2.2	59	6.7	13	7	61.9	
G242103		2	46	5.7	16.7	9	57.4	
G242104		1.8	49	5.1	14.3	9	54.7	
G242105		6.6	47	2.5	16.1	4	66.5	
G242106		29	81	3.5	36.4	7	122.5	2.01
G242107		1.5	73	1.7	33.6	9	31.6	4.63
G242108		2	62	2.1	12.3	10	48.5	4.77
G242109		3.1	68	2.7	10.7	6	64.7	3.04
G242110		3.8	62	4.3	9.6	8	77.9	
G242111		4.4	58	2.9	10.9	7	70.4	
G242112		5.5	52	3.6	12.4	7	78.5	

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CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
G242113		3.34	0.810		0.84	7	1.2	490	0.76	0.58	1.05	<0.02	74.4	28.7	49	1.02
G242114		2.32	0.075		0.09	7.26	0.2	2760	2.17	0.06	2.21	<0.02	58.5	9.7	44	1.37
G242115		3.04	0.160		0.26	7.23	0.6	580	0.84	0.48	1.55	<0.02	28	11.3	47	1.07
G242116		2.88	1.640	1.52	1.1	7.36	1.1	490	1.52	1.09	1.01	0.05	96.3	20.2	42	1.71
G242131		6.48	0.012		0.01	6.09	<0.2	1490	1.76	0.08	9.45	<0.02	174.5	4	30	1.12
G242132		5.98	<0.005		0.01	6.87	0.2	2120	2.24	0.02	7.98	<0.02	101	5	35	1.55
G242133		6.66	<0.005		0.01	6.36	<0.2	3100	2.04	0.02	6.51	<0.02	88.6	5.6	36	1.63
G242134		6.02	<0.005		0.03	6.13	<5	2370	1.28	0.02	10.35	<0.02	77	7.5	29	0.9
G242135		6.58	<0.005		0.03	6.58	<5	2110	1.71	0.01	10.05	<0.02	73.8	8.9	33	1.8
G242136		6.72	<0.005		0.01	7.08	0.7	1780	2.35	0.01	4.84	<0.02	54.7	12.9	43	2
G242137		5.20	0.016		0.01	7.39	1	2640	2.71	0.03	4.18	<0.02	94.4	16.8	47	2.03
G242138		2.76	<0.005		0.01	6.83	0.9	2770	2.96	0.03	5.37	<0.02	102	10.8	47	1.92
G242139		3.76	0.011		0.01	6.5	<0.2	2270	2.78	0.09	7.68	<0.02	95.5	13.1	27	1.76
G242140		3.80	0.019		<0.01	6.89	<0.2	2520	2.52	0.07	5.07	<0.02	78.5	10	37	2.04
G244227		3.08	<0.005		0.25	6.71	2.1	580	1.54	0.07	3.57	<0.02	111.5	9.3	39	2
G244228		2.56	<0.005		<0.01	7.22	1.8	490	1.71	0.06	4.64	<0.02	90.2	8.7	39	2
G244229		2.06	<0.005		0.01	6.17	1.8	500	1.53	0.05	3.96	<0.02	46	7	34	1.84
G244230		2.44	<0.005		<0.01	6.72	1.8	610	2.08	0.04	3.71	<0.02	43.3	10.3	39	2.66
G244231		4.80	<0.005		<0.01	6.85	2.1	920	2.22	0.07	3.9	<0.02	84	9.6	38	2.69
G244232		5.42	<0.005		<0.01	7.15	1.9	980	1.92	0.17	4.33	<0.02	74.5	10.7	39	2.24
G244233		0.06	0.012		0.27	6.26	45.5	70	8.01	7.98	1.68	0.09	21.1	25	53	1.07
G244234		4.86	<0.005		0.04	6.79	3.1	450	0.88	0.2	4.09	<0.02	91.5	10.2	39	1.13
G244235		1.74	<0.005		<0.01	7.15	1.1	550	0.66	0.07	4.09	<0.02	66.4	5.6	43	0.62
G244236		6.72	0.028		<0.01	6.61	0.9	620	0.55	0.06	3.63	<0.02	114.5	6.3	44	0.68
G244237		3.14	0.011		<0.01	7.24	1.2	650	0.67	0.06	2.91	<0.02	83.1	6.7	45	0.78
G244238		3.94	<0.005		0.03	6.68	2.4	530	0.75	0.08	4.12	<0.02	90.7	8.3	36	1.17
G244239		3.02	<0.005		0.01	8.3	2	620	0.89	0.05	3.11	<0.02	146.5	8.3	55	1.23
G244240		3.56	0.005		0.01	7.33	2.6	550	0.78	0.05	4.55	<0.02	99.6	6.3	41	0.96
G244241		4.92	0.009		<0.01	6.88	1.6	370	0.99	0.05	4.59	<0.02	78.4	6.9	34	0.99
G244242		7.04	<0.005		0.02	6.75	0.7	290	1.28	0.05	3.83	<0.02	99.2	7	34	1.38
G244243		0.06	<0.005		0.02	0.09	<0.2	120	<0.05	0.01	0.08	<0.02	2.76	0.1	<1	<0.05
G244244		7.02	0.006		0.04	6.26	1.3	300	1.08	0.06	4.4	<0.02	100.5	6.9	34	1.16
G244245		3.44	<0.005		0.06	6.66	1.4	800	1.47	0.17	4.88	<0.02	89.1	6.7	34	1.67
G244246		3.54	<0.005		0.52	7.04	3.5	770	2.33	0.1	4.05	<0.02	73.2	9	47	5.87
G244247		2.22	0.008		0.19	7.45	34.1	480	2.15	0.91	1.25	<0.02	80.7	53.3	46	9.86
G244248		5.12	0.005		0.22	7.91	28.2	390	2.78	0.93	0.82	0.03	108	37.3	53	6.71
G244249		5.92	0.030		0.12	7.24	18.9	40	0.99	1.52	3.71	<0.02	69.9	99.9	29	0.14
G244250		3.58	<0.005		<0.01	7.24	0.3	20	0.92	0.1	0.8	<0.02	170	4.8	36	0.14
G244251		3.16	0.007		0.05	7.82	3.6	40	1.11	0.42	1.3	0.02	65.9	12.2	37	0.37
G244252		6.18	0.104		0.4	6.71	43.5	40	1.28	1.12	7.09	0.04	40.8	65.9	19	0.21

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
G242113		>10000	3.46	18.45	0.27	2.4	0.203	3.81	39	8	0.68	285	8.77	0.66	4.4	55.5
G242114		3270	1.36	15.5	0.18	1.8	0.043	3.85	29.7	9.7	0.54	429	3.77	1.05	3.7	28.3
G242115		>10000	3.04	14.8	0.2	2	0.179	3.75	14	6.4	0.55	413	4.33	1.02	3.5	49.7
G242116		>10000	6.3	23	0.39	2.4	0.508	4.15	52.3	9.8	0.47	275	3.11	1.04	2.6	86.9
G242131		176.5	1.85	14.85	0.25	1.2	0.03	2.58	101.5	6	0.54	1180	0.29	2.28	3.9	12.1
G242132		142	2.4	17.7	0.2	1.7	0.034	3.01	59.8	6.7	0.51	1165	0.25	2.61	5.5	16
G242133		95.4	2.73	18.55	0.21	1.7	0.056	3.37	47.9	8.6	0.59	1270	0.28	1.65	5.2	20.8
G242134		32.7	3.34	16.5	0.18	1.7	0.085	2.34	42.1	7.4	0.59	3560	0.37	1.89	6	19
G242135		7.5	3.87	17.55	0.18	1.7	0.166	2.81	39.3	9.1	0.6	5430	0.23	0.72	9.5	18
G242136		9.8	4.28	19.75	0.21	2	0.154	3.5	28.7	12.6	0.62	2910	0.2	0.44	11.7	22.5
G242137		111.5	5.04	21	0.3	1.8	0.116	3.98	50.5	18	0.93	1755	0.21	0.51	8.5	30
G242138		158	3.73	25.1	0.27	2	0.07	4.27	51.8	17.1	0.95	1460	0.29	0.68	6.2	42.5
G242139		559	3.26	20.1	0.22	1.6	0.052	2.95	51.2	15.8	1.18	1940	1.61	0.81	5.2	36.3
G242140		441	2.83	26.7	0.22	2.4	0.074	3.18	39.1	15.4	0.95	1130	6.9	0.83	7.5	38.7
G244227		13.5	4.5	22.2	0.26	1.2	0.053	3.06	55.4	21.5	1.89	1960	0.99	1.63	8	23.6
G244228		7.8	5.26	22.3	0.25	1.1	0.064	3.26	47.5	20.8	2.37	2660	1.29	1.9	7.4	20.7
G244229		3.8	4.34	19.1	0.2	1.1	0.062	3.08	24.3	19.5	1.97	2270	0.74	1.46	6.9	18.3
G244230		3.9	4.04	20.5	0.21	1.3	0.064	3.29	21.5	31	2.13	1990	1.14	1.12	7.5	31.1
G244231		3.2	4.39	21.9	0.25	1.3	0.069	3.12	40.9	30.4	2.03	2210	0.78	1.22	7.7	27.1
G244232		10.8	4.84	21.6	0.23	1.3	0.068	3.24	38	27.2	2.43	2270	0.81	1.56	8.3	30.2
G244233		146	2.37	67	0.19	4.5	0.032	0.39	10.1	278	6.98	211	22.2	0.15	10.6	138.5
G244234		79	5.49	18.95	0.26	1	0.037	2.76	48.8	15.2	2.28	2170	1.01	2.73	7.3	19.6
G244235		5.8	4.09	20.4	0.23	1.4	0.031	3.04	32.2	7	1.82	2300	0.65	3.59	8.3	10.8
G244236		10	3.85	20.8	0.25	1.2	0.024	3.03	53.7	7.2	1.73	2080	0.6	2.78	8.7	15.2
G244237		42.8	4.58	22.5	0.25	1.2	0.019	3.15	44.4	9.7	1.51	1560	0.89	3.04	8.4	27.8
G244238		33.5	5.15	19.8	0.24	1	0.034	3.19	49.4	13.5	1.91	2260	0.55	2.5	6	23.3
G244239		3.5	5.09	28.8	0.31	1.5	0.031	3.28	75.2	18.3	1.62	1880	0.59	3.39	9.1	32.8
G244240		2.7	4.52	23.2	0.27	1.3	0.031	3.17	52.1	10.3	1.73	2470	0.66	3.28	8.4	20
G244241		11.1	4.68	17.4	0.24	1.2	0.043	2.49	41.5	13.5	2.03	2830	0.84	3.06	6.4	16.1
G244242		21.6	4.63	20.5	0.27	1.3	0.051	2.39	52.2	21.8	2.11	2350	0.68	2.78	6.5	19.9
G244243		1.6	0.05	0.37	0.09	0.7	<0.005	0.02	1.5	2.2	0.04	60	0.12	0.01	0.2	0.6
G244244		11.5	4.89	17.1	0.22	1	0.048	1.94	52.6	13.3	2.28	2760	0.87	3.09	5.9	15.5
G244245		12	4.88	18.55	0.27	1.2	0.06	2.81	46.4	23.3	2.64	2910	0.82	2.17	7.2	21.4
G244246		25.8	4.1	21.8	0.24	1.6	0.063	3.06	38.6	31	1.96	1885	1.3	1.24	7.4	25.7
G244247		545	2.31	22.1	0.2	2.7	0.045	1.53	45.1	33.2	1.78	501	7.52	1.28	7.3	48.5
G244248		322	2.32	26	0.22	3.2	0.042	1.68	60.8	36.6	1.59	347	5.09	2.51	7.1	53
G244249		67.1	1.88	20.6	0.24	2.6	0.092	0.07	40.3	8.2	1.82	2060	5.32	6.15	7.1	55.1
G244250		364	0.51	19.75	0.24	3.2	0.023	0.09	99.6	5.6	0.51	531	2.53	6.26	8.6	5.3
G244251		264	0.72	22.9	0.19	3.3	0.037	0.23	39.6	7.7	0.66	814	3.4	6.12	11.9	10.4
G244252		1605	3.25	21.7	0.17	1.4	0.204	0.06	24.2	9.6	3.05	4600	4.2	4.7	5.1	27.3

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Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
G242113	600	5	81.2	<0.002	2.45	0.61	11.1	16	3.7	88.9	0.36	2.95	13.7	0.13	0.29
G242114	610	1.9	86.9	<0.002	0.91	0.43	7.7	3	1.4	84.1	0.3	0.39	9.1	0.118	0.28
G242115	550	2.9	76.3	<0.002	2.17	0.5	7.3	12	3.4	73.7	0.27	2.89	8.4	0.115	0.26
G242116	560	6.6	134.5	<0.002	4.92	0.62	11.4	31	6.3	57.8	0.19	5.41	13.9	0.11	0.39
G242131	980	3	106	<0.002	0.41	0.37	9	1	0.9	130.5	0.32	0.2	14.2	0.106	0.17
G242132	1510	2.6	141	<0.002	0.13	0.51	9.5	1	1.2	135	0.45	<0.05	14.1	0.145	0.23
G242133	950	1.9	157.5	<0.002	0.11	0.54	10.2	<1	1.8	120.5	0.44	<0.05	12.8	0.147	0.26
G242134	1120	2.9	107.5	<0.002	0.21	0.37	8.9	1	1.9	143	0.45	<0.05	12.4	0.192	0.13
G242135	900	2	175	<0.002	0.07	0.25	10.2	1	2.3	130.5	0.68	<0.05	13	0.252	0.18
G242136	690	1.8	203	<0.002	0.07	0.29	11.8	1	2.7	72.9	0.85	<0.05	14.1	0.295	0.21
G242137	690	1.7	216	<0.002	0.1	0.4	12.3	1	2.7	83.4	0.62	<0.05	16.3	0.261	0.28
G242138	770	2.2	161	<0.002	0.05	0.47	13.4	1	2.9	95.1	0.47	<0.05	13.9	0.203	0.31
G242139	710	1.7	156	<0.002	0.09	0.55	10.8	2	2.1	138	0.47	0.07	15	0.167	0.21
G242140	740	2	154.5	<0.002	0.07	0.68	13.6	2	3.2	98.5	0.62	0.05	16.1	0.221	0.24
G244227	700	2.7	158.5	<0.002	0.03	0.94	12.4	1	3.4	30.7	0.76	<0.05	16.6	0.214	0.37
G244228	690	2.1	176	<0.002	0.01	0.94	13.3	1	3.5	33.7	0.71	<0.05	16	0.207	0.33
G244229	590	2.7	165.5	<0.002	0.01	1	13	1	3.1	31	0.65	<0.05	14.3	0.189	0.32
G244230	740	2.2	188.5	<0.002	<0.01	1.08	11.9	2	3.2	30.3	0.66	<0.05	15.3	0.204	0.35
G244231	690	3.2	170.5	<0.002	0.01	1.11	12.3	2	3.5	39	0.72	<0.05	15.9	0.214	0.41
G244232	660	2.6	155.5	<0.002	0.23	1.24	12.1	1	3.4	42.2	0.78	0.05	15.1	0.232	0.72
G244233	850	295	15.8	0.006	1.86	1.1	10.3	4	3.3	34.4	1.07	0.3	16.1	0.23	0.13
G244234	690	3.6	103	<0.002	0.22	1.95	11.5	1	2.7	32.6	0.65	<0.05	15.2	0.191	1.51
G244235	650	2.4	95.7	<0.002	0.05	1.05	9.2	1	2.3	30	0.78	<0.05	14.5	0.204	0.44
G244236	610	2.5	99.3	<0.002	0.02	0.87	11.8	1	3.2	25.2	0.8	<0.05	14	0.214	0.28
G244237	720	2.5	116	<0.002	0.01	0.89	13	2	3	24.2	0.79	<0.05	16.1	0.223	0.25
G244238	660	3.1	116	<0.002	0.02	1	11.8	2	2.4	27.5	0.56	<0.05	14.9	0.173	0.31
G244239	800	3	130.5	<0.002	<0.01	1.16	18.3	2	3.7	26.1	0.86	<0.05	19.6	0.244	0.35
G244240	690	3.1	117	<0.002	<0.01	0.97	14.5	1	2.9	27.5	0.8	<0.05	15.7	0.215	0.29
G244241	640	2.9	100.5	<0.002	0.01	0.97	10.8	1	2.3	25.5	0.58	<0.05	13.7	0.193	0.21
G244242	650	2.8	129.5	<0.002	0.01	1.07	12	1	2.7	26.8	0.6	<0.05	14.9	0.183	0.21
G244243	20	1.2	1.3	<0.002	0.01	0.05	0.4	2	<0.2	2.8	<0.05	<0.05	0.4	0.006	<0.02
G244244	630	3.3	88.8	<0.002	0.03	1.03	9.9	1	2.1	32.1	0.53	<0.05	14.3	0.172	0.19
G244245	750	3.2	153	<0.002	0.04	1.09	10.9	2	2.6	41.4	0.66	<0.05	15.9	0.202	0.27
G244246	610	3.3	156.5	<0.002	0.07	1.33	12.7	1	3	61.3	0.7	<0.05	14.3	0.199	0.31
G244247	390	9.6	87.8	0.003	0.56	2.31	12.5	2	1.1	79.6	0.62	0.08	16.6	0.158	0.33
G244248	460	9.1	101	0.003	0.62	2.13	14.1	2	1.1	65.2	0.6	0.07	18.9	0.157	0.29
G244249	450	3.9	1.1	0.003	0.86	0.52	6.8	2	0.5	33.5	0.57	0.11	11.6	0.164	0.02
G244250	320	1.9	5.1	0.003	0.06	0.33	4.9	2	0.5	28.7	0.71	<0.05	17.8	0.205	<0.02
G244251	310	3.8	15.2	0.002	0.19	0.52	7.9	2	1	32.7	0.91	<0.05	15.9	0.246	0.03
G244252	670	8.1	2.8	<0.002	0.92	1.45	9.5	1	0.7	62.5	0.41	0.14	7.6	0.089	0.04

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
G242113		10.4	56	2.8	12.4	8	73.9	2.70
G242114		4.2	44	2.3	12.2	7	60.2	
G242115		2	48	2.5	10.1	9	62.1	2.49
G242116		11.3	55	2.3	17.5	18	77.9	3.91
G242131		3.5	37	1.9	22.5	7	37.7	
G242132		3.9	48	2.3	20.4	7	60.4	
G242133		2.4	48	2.6	15.8	7	53.2	
G242134		2.7	42	2.3	18.9	6	56.1	
G242135		2.8	47	2.1	18.6	4	54.2	
G242136		2.7	53	2.5	17.5	5	65.8	
G242137		2.5	55	2.9	20.2	8	59.2	
G242138		2	69	4.1	17.8	11	63.3	
G242139		3.1	47	2.8	20	17	55.2	
G242140		3.3	72	4.7	16	17	82.5	
G244227		6.2	64	3.9	11.9	5	39.2	
G244228		6.1	71	3.3	13.7	5	39.6	
G244229		4.6	59	2.9	12.5	7	36.3	
G244230		4.2	61	3	13.1	9	47	
G244231		4.8	65	3.4	14.7	8	45.8	
G244232		6	69	2.7	15.2	8	42.2	
G244233		980	203	3.1	25.9	36	149.5	
G244234		8.2	66	3.3	14.7	8	35.9	
G244235		4	60	2.4	12.8	5	48.4	
G244236		3.9	62	2.5	11.8	4	44.8	
G244237		4.7	71	2.9	11.3	5	44.1	
G244238		5.5	64	2.9	12.2	8	37.4	
G244239		4.9	92	3	13.2	8	52.1	
G244240		4.5	71	2.7	14.2	7	44.7	
G244241		5.2	60	2.5	15.3	8	42.7	
G244242		4.7	60	2.7	14.6	10	43.3	
G244243		0.4	1	0.1	1.8	3	24.5	
G244244		6.9	56	2.7	13.6	9	34.2	
G244245		7	58	2.8	16.3	8	39.7	
G244246		7.4	66	7.4	14.3	9	54.4	
G244247		5.5	59	3.8	16	21	88.2	
G244248		5.2	70	4.1	16.2	26	100.5	
G244249		3	32	6	12.5	6	84.9	
G244250		4.5	36	7.5	15.9	3	102	
G244251		5.1	53	11.4	15.7	18	107.5	
G244252		3.9	27	10	15.4	16	48.9	

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Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
G244253		1.26	0.013		0.15	8.07	38.1	110	2.85	0.77	0.52	0.02	225	39.5	58	2.19

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CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
G244253		181	3	31.1	0.34	3.2	0.035	0.71	131.5	31.7	1.42	276	4.89	4.07	7.3	26.2

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CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method / Analyte / Units / LOR	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.2	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02
G244253		340	20.7	49.5	0.002	0.49	1.26	9.8	2	1.2	49.4	0.58	0.2	18.1	0.179	0.09

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CERTIFICATE OF ANALYSIS VA07125589

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
G244253		8.7	78	9.6	15.7	27	101	

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125589

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 13-NOV-2007
Account: EIAFRG

CERTIFICATE VA07125750

Project: Werneckes

P.O. No.: FRG07-01

This report is for 94 Drill Core samples submitted to our lab in Terrace, BC, Canada on 14-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C287752		4.52	0.041	0.05	6.77	7.8	660	2.83	0.14	0.68	0.02	127.5	97.8	17	1.87	207
C287753		1.88	0.009	0.12	7.99	5.1	370	3.6	0.24	0.3	0.04	139	138	61	2.82	155
C287754		1.40	<0.005	0.07	7.06	5.5	610	4.13	0.15	0.39	<0.02	57.2	113.5	68	2.87	43.5
C287755		1.40	<0.005	0.07	6.89	5.6	1220	3.38	0.14	0.49	0.02	61.1	124	66	2.74	48.9
C287756		4.80	<0.005	0.06	7.06	5.2	570	2.7	0.13	0.41	0.02	56.7	117	80	2.37	202
C287757		2.54	0.024	0.09	5.89	8.7	360	0.67	0.25	3.63	<0.02	53.8	45.6	39	1.48	1645
C287758		2.48	0.007	0.1	5.9	6.3	360	1.17	0.36	2.06	0.04	94.9	38.4	44	2.5	166.5
C287759		2.76	<0.005	0.07	8.44	8.7	680	3.75	0.13	0.35	0.06	117.5	13.8	59	2.85	43.5
C287760		3.98	0.009	0.35	7.98	20.6	560	2.89	1.12	0.24	<0.02	119.5	11.3	53	2.39	36.6
C287761		2.64	0.006	0.09	7.86	17.8	520	3.1	0.2	0.17	<0.02	14.7	6.7	61	2.08	17
C287762		2.90	0.049	1.17	5.06	38.9	640	1.82	1.99	0.36	<0.02	97.5	26	48	1.41	41.4
C287763		3.22	<0.005	0.05	9.29	9.4	570	5.42	0.15	1.03	0.03	209	18.6	69	5.34	10.3
C287764		3.18	<0.005	0.23	7.04	15.8	480	3.92	0.58	2.04	0.05	97.6	17.4	54	3.7	12.7
C287765		0.08	0.928	40.3	4.39	1360	510	0.65	34.9	6.71	<0.02	25.6	44.6	283	1.12	4450
C287766		3.46	<0.005	0.14	6.75	13.1	470	3.68	0.26	1.73	0.12	46.2	14.6	46	3.59	17
C287767		2.58	<0.005	0.05	7.02	10.7	460	3.87	0.08	1.42	0.02	17.1	14	51	3.65	4.9
C287768		3.74	<0.005	0.06	7.09	7.7	400	3.27	0.14	2.24	<0.02	14.7	13.8	53	3.31	2.9
C287769		5.40	<0.005	0.05	7.81	10.1	530	3.32	0.16	2.29	<0.02	10.4	13.7	54	3.41	3.7
C287770		3.46	<0.005	0.05	7.36	7	730	3	0.09	2.3	<0.02	10.25	11.8	46	3.23	2.3
C287771		2.08	<0.005	0.21	8.32	23.9	620	3.07	1.05	1.63	0.34	8.25	26.2	58	3.43	100.5
C287772		1.74	<0.005	0.2	8.2	22	3750	3.1	0.47	3.08	0.37	7.91	30.1	54	3.22	73.8
C287773		2.06	0.015	0.14	8.31	18.9	650	3.44	0.38	2	0.83	7.4	52.5	59	3.4	152.5
C287774		2.36	<0.005	0.02	8.29	10.9	710	3.7	0.05	2.17	0.31	10.2	27.2	60	3.45	43
C287775		2.66	<0.005	0.18	8.24	12.7	510	3.73	0.3	0.98	<0.02	61.9	18.2	60	3.66	45.1
C287776		2.58	<0.005	0.1	9.21	10.7	640	4.21	0.16	1.25	0.21	16.95	19.4	69	3.88	19.4
C287777		2.60	0.018	0.74	8.07	65.5	1320	4.61	3.33	0.27	<0.02	45.4	34	69	3.54	271
C287778		2.12	0.016	0.63	4.66	21.6	470	2.9	1.56	1.06	<0.02	21.6	18.4	48	2.09	72
C287779		4.36	0.007	0.46	0.76	19.4	290	0.68	1	0.18	<0.02	30	6.3	40	0.29	68.4
C287780		0.08	<0.005	0.02	0.06	<0.2	10	<0.05	<0.01	0.01	<0.02	1.95	0.1	3	<0.05	1.2
C287781		6.54	0.020	0.68	1.92	16.8	220	0.74	0.6	0.84	0.1	51.2	7	21	0.44	13.1
C287782		2.74	0.019	0.44	2.69	8.4	150	2.16	0.47	0.44	<0.02	42.9	6.8	71	0.73	8
C287783		5.52	<0.005	0.08	9.53	5.7	670	5.9	0.13	0.15	<0.02	5.76	7.9	60	4.05	1.6
C287784		5.36	0.013	0.07	8.8	9.6	640	5.83	0.59	0.28	0.02	12.1	11.7	75	4.6	2.3
C287785		3.06	0.019	0.26	9.84	7.9	630	6.45	0.34	0.2	<0.02	20.6	15.3	73	5.17	17.5
C287786		2.90	0.016	0.64	2.9	37.4	840	1.72	1.33	0.28	0.03	37	18.3	59	1.25	39.1
C287787		2.96	0.006	0.27	9.43	6.7	850	6.79	0.66	0.22	<0.02	19.7	15.6	58	5.33	12
C287788		4.18	0.051	0.54	7.6	13.6	1200	4.09	1.77	0.19	<0.02	20.7	32.1	52	3.89	6.9
C287789		1.94	0.006	0.56	7.73	9.9	3420	3.33	1.63	0.34	<0.02	6.99	19	58	4.75	7.5
C287790		2.16	<0.005	0.5	8.09	10.4	1690	3.51	1.23	0.61	<0.02	24.9	24	57	5.61	4.8
C287791		3.90	<0.005	0.38	8.42	9.7	1850	3.62	1.67	1.06	<0.02	58.3	18.8	55	4.89	3.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 13-NOV-2007
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CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C287752		10.5	18.8	0.22	4	0.067	3.14	71.2	58.3	4.75	382	4.6	0.04	7.3	27.8	2370
C287753		9.59	29.8	0.26	2.3	0.085	2.48	77.2	79.5	7.19	429	4.95	0.03	8.3	51.2	1060
C287754		10.8	24	0.16	2.3	0.067	2.76	31.5	61.7	5.66	391	3.81	0.02	4.8	61.7	940
C287755		10.95	24.4	0.16	2	0.059	2.42	33.4	65.9	6.13	482	3.58	0.02	4.4	66.8	950
C287756		9.92	20.6	0.24	2.5	0.039	3.37	31.1	64.7	5.12	370	4.07	0.02	3.3	58	970
C287757		7.85	15.15	0.2	1.8	0.078	5.72	30.7	19.6	3.18	1595	2.05	0.04	2.3	29.6	640
C287758		7.54	16.15	0.25	2	0.067	5.5	55.1	29.6	2.32	1200	3.67	0.04	3.2	29.4	650
C287759		6.28	24.7	0.22	2.3	0.072	4.85	73.1	42.7	0.9	227	8.98	0.05	5.7	22.2	800
C287760		9.15	12.75	0.21	2	0.053	4.65	81.7	42.1	0.77	99	38.3	0.04	7	17.2	730
C287761		12.15	14.65	0.17	2.2	0.052	4.25	9.7	38	0.6	23	4.92	0.04	10.2	9.9	800
C287762		12.15	11	0.24	1	0.023	2.61	70.4	30.5	0.53	157	124	0.04	4.8	35.2	660
C287763		6.85	31.9	0.27	2.4	0.085	5.78	130.5	174	2.15	504	14.5	0.07	4.8	64.6	870
C287764		7.87	23	0.2	2	0.069	4.24	64.7	121	2.05	1235	19.2	0.06	4.5	45.2	740
C287765		4.36	13.75	0.39	0.8	0.189	1.46	18.9	14.6	0.82	1810	747	0.66	1.7	28.6	560
C287766		7.25	24.8	0.15	2	0.063	3.97	30	124.5	1.67	1120	16.9	0.05	3.9	41	700
C287767		6.65	29.9	0.14	2.1	0.057	4.08	11	124.5	1.65	888	6.59	0.06	3.6	41.7	630
C287768		7.42	20.1	0.16	2.2	0.051	4.73	9	135	2.16	1370	8.18	0.06	4.3	53.4	740
C287769		6.61	17.25	0.16	2.3	0.063	5.87	6.1	142	2.06	1430	10.1	0.06	5.1	57.7	840
C287770		6.87	16.75	0.17	2.2	0.07	5.89	6.3	122	1.87	1880	12.6	0.06	4.9	51.1	780
C287771		6.21	17.9	0.16	2.3	0.057	6.64	4.8	132	1.75	1190	30.3	0.07	4.8	73.1	830
C287772		7.04	17.45	0.19	2.5	0.076	7.09	4.6	120	2.25	1970	57.8	0.07	6	60.3	760
C287773		7.31	18.9	0.17	2.4	0.072	6.64	4.2	123	1.9	2270	66.8	0.06	4.1	76.9	820
C287774		7.08	20.1	0.16	2.4	0.063	6.73	5.7	124	2	1695	7.7	0.06	4.3	59.4	960
C287775		7.06	24.7	0.18	2	0.07	5.57	41.8	101.5	1.47	736	43.8	0.05	4.6	44.1	750
C287776		6.24	22.9	0.14	2.5	0.066	6.55	9.6	140.5	1.74	1040	23.6	0.06	4.6	58.4	810
C287777		9.51	28.7	0.2	2	0.085	4.73	27.9	74.2	1.12	217	144.5	0.05	5.5	52.6	1040
C287778		12.65	18.55	0.2	1.6	0.041	2.67	14.2	43.6	1.14	821	280	0.03	6.4	27.7	680
C287779		30.3	8.03	0.36	0.6	<0.005	0.55	19.6	5.6	0.08	40	87.8	0.01	12.2	13.4	950
C287780		0.09	0.15	<0.05	0.7	<0.005	0.01	1.1	1.7	<0.01	<5	0.52	<0.01	0.1	0.4	<10
C287781		28	8.31	0.34	0.5	0.01	1.82	34.3	8.5	0.44	548	106.5	0.02	8.9	11.5	860
C287782		19.35	9.02	0.18	1.3	0.011	1.58	29.1	15.3	0.48	259	146.5	0.02	5.4	11.8	770
C287783		5.9	45.6	0.11	2.2	0.067	5.78	2.9	85.3	0.92	33	15.7	0.04	7.3	12.7	680
C287784		6.99	50.8	0.13	2.2	0.072	5.39	6.9	95.1	1.13	113	8.32	0.04	7	19.2	810
C287785		7.32	49.1	0.15	2.7	0.081	6.15	11.4	108.5	1.3	78	71.4	0.05	7.8	31.4	800
C287786		23.4	11.15	0.31	1.3	0.022	2.09	24.4	30.3	0.51	62	62.3	0.02	8.2	28.8	940
C287787		6.05	51.7	0.13	2.1	0.08	6	12	114	1.37	109	39.9	0.05	7.8	28.5	680
C287788		6.82	27.9	0.13	1.7	0.044	5.78	12.2	97.4	1.14	46	38.3	0.06	5.9	28.4	850
C287789		6.28	17.9	0.13	2.1	0.034	5.74	3.6	99.3	1.33	128	22.3	0.08	5.6	40.9	850
C287790		6.29	22.1	0.13	2.3	0.046	5.58	14	106.5	1.7	267	20.2	0.07	4.5	50.3	870
C287791		6.53	20.9	0.16	1.9	0.05	7.29	35.6	94.2	1.8	446	19.2	0.07	4.1	37.9	860

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C287752	5	78.9	0.002	0.04	4.35	21.4	2	1.7	12.8	0.56	<0.05	14.2	0.417	0.12	4.6
C287753	8.4	88.4	0.004	0.02	3.52	28.4	2	2.8	7.3	0.71	0.08	12	0.387	0.15	4.1
C287754	2.8	97.6	<0.002	0.03	4.7	39.2	2	1.3	10.8	0.35	<0.05	5.3	0.443	0.14	2.3
C287755	2.8	87.1	0.002	0.05	4.13	37	2	1.2	19.6	0.31	0.05	5.1	0.432	0.13	2.5
C287756	3.7	80.1	<0.002	0.03	3.25	29	2	1.3	9.3	0.24	<0.05	4.8	0.303	0.18	3
C287757	3.7	99	0.004	0.19	1.48	10.9	2	1.8	16	0.22	<0.05	14.8	0.124	0.22	4.3
C287758	5.4	149.5	0.002	0.04	2.33	9.4	2	2.1	11.8	0.29	0.05	16.2	0.156	0.31	4
C287759	8.7	248	<0.002	0.04	3.6	13.2	2	5.4	10.9	0.36	<0.05	15.7	0.169	0.42	6.3
C287760	81.8	256	<0.002	0.2	5.95	6.3	3	5.1	7.4	0.41	0.12	14.2	0.188	1.15	6.2
C287761	15.3	256	<0.002	0.14	5.74	6.5	2	6.1	4.9	0.71	0.08	16.4	0.251	0.43	6
C287762	114	160	0.011	1.45	6.13	4.4	5	5.5	9.6	0.31	0.46	6.6	0.124	3.04	2.9
C287763	8	480	<0.002	0.02	4.28	15.9	2	5.1	10.1	0.34	<0.05	18.3	0.209	0.58	5.2
C287764	48.9	350	<0.002	0.1	4.04	12.6	2	4.6	12.6	0.29	0.05	14.1	0.173	0.51	6.4
C287765	69.1	36.4	0.072	0.72	86.6	6.4	5	2.7	285	0.08	3.61	1.6	0.116	0.2	2.7
C287766	28.2	349	<0.002	0.03	3.5	13.9	2	4.2	10.1	0.27	<0.05	15.1	0.15	0.49	5.8
C287767	5.7	364	<0.002	0.02	3	16.5	2	4.4	10.2	0.25	<0.05	14.5	0.151	0.45	5.1
C287768	3.7	338	<0.002	0.01	3.67	12.1	2	4.2	16.8	0.29	<0.05	15.4	0.17	0.37	4.8
C287769	4.7	320	<0.002	0.05	3.98	9.2	2	3.3	18.4	0.36	<0.05	14.7	0.186	0.48	5.7
C287770	4.5	334	<0.002	0.01	3.3	9.8	2	3.3	20.7	0.34	<0.05	15.7	0.171	0.45	5.5
C287771	36.9	296	<0.002	0.27	4.69	10.1	2	3.2	16.6	0.33	0.06	14.8	0.183	0.8	7.7
C287772	103.5	321	<0.002	0.23	5.5	11.5	2	3.6	74	0.42	<0.05	17.5	0.194	1.05	12.7
C287773	139.5	327	<0.002	0.18	5.69	11.1	2	3.4	18.5	0.28	<0.05	17.4	0.184	1.72	14.3
C287774	12.5	331	<0.002	0.01	3.54	11.2	2	3.8	20.9	0.29	<0.05	10.5	0.187	0.94	7.1
C287775	44.3	384	<0.002	0.18	3.82	16.1	2	4.2	10	0.3	0.06	34.7	0.173	1.2	12.1
C287776	19.1	367	<0.002	0.05	4.25	11.9	2	3.9	14.9	0.32	<0.05	16.6	0.205	1.15	17.1
C287777	260	380	0.004	0.9	10.15	25.7	8	5.4	64.8	0.36	0.24	24.6	0.179	5.13	23
C287778	233	222	0.008	0.14	5.9	12	6	6	8.9	0.39	0.37	13.4	0.16	1.42	14
C287779	65.8	32.9	<0.002	0.21	7.63	4.5	5	15.1	12.6	0.24	0.43	12.3	0.068	0.75	12.6
C287780	1.3	0.5	<0.002	0.01	<0.05	0.3	1	<0.2	1.5	<0.05	<0.05	0.3	0.005	<0.02	0.2
C287781	20	80.3	0.003	0.19	5.46	6.2	4	14.2	11.2	0.25	0.5	5	0.071	0.8	5.7
C287782	21	90	0.004	0.16	3.15	7.1	4	5.4	4.5	0.32	0.23	10.9	0.18	0.42	5.9
C287783	4.9	323	<0.002	<0.01	3.65	15.7	2	9.1	5	0.46	0.08	7	0.232	0.63	3.9
C287784	4.6	365	<0.002	0.01	4.54	26	2	8.8	5.2	0.47	0.41	19.6	0.229	0.46	9.5
C287785	9.3	364	0.009	0.09	5.44	19.2	5	10.1	4.8	0.52	0.34	13.6	0.243	1.05	9.2
C287786	35.6	130.5	0.009	1.45	9.85	6.1	3	9.7	21.7	0.36	0.28	7	0.153	3.56	10.5
C287787	4.5	353	0.002	0.03	5.52	23.4	3	9.2	11.5	0.58	0.26	16.5	0.234	0.67	6.2
C287788	8.3	224	0.003	0.06	4.25	16.7	5	5.8	14.6	0.42	0.66	13.4	0.18	0.54	15.7
C287789	9	184.5	<0.002	0.06	4.02	11.1	5	3.8	38.7	0.46	0.33	11	0.196	0.58	22.3
C287790	14.2	217	<0.002	0.02	4.5	13.7	4	4.1	17.5	0.35	0.2	16.1	0.169	0.59	56.2
C287791	10.4	287	<0.002	0.03	3.97	12.9	5	3.6	20.9	0.34	0.31	17	0.173	0.55	45.2

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 13-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
C287752		158	2.8	23.2	35	173
C287753		204	2.1	11	60	88.4
C287754		273	2.5	10.2	37	89.5
C287755		271	2.4	9.4	42	85.2
C287756		228	3.4	12.2	29	98.6
C287757		68	1.9	9.1	15	63.4
C287758		65	2.6	9.4	23	74
C287759		70	7.2	10.4	18	71
C287760		60	9.3	7.8	29	70.6
C287761		66	13.3	8.3	5	75.5
C287762		45	7.5	5.2	23	34.8
C287763		70	7.3	12.8	40	87.8
C287764		57	8	14	31	75.5
C287765		63	15.4	10.4	110	26
C287766		57	6.8	13.6	40	70.3
C287767		60	6.3	13.4	19	76.6
C287768		52	8	15.5	12	79
C287769		48	7.7	12.1	9	83.3
C287770		52	7.6	14	17	78
C287771		53	7.1	12.4	79	85
C287772		55	7.9	18.5	60	86.9
C287773		56	7	15.8	81	85.1
C287774		53	7.8	14.2	27	86.7
C287775		52	7.8	10.1	35	75.1
C287776		53	7.6	11.6	37	89.1
C287777		44	9.8	12.3	176	70.2
C287778		60	11.9	11.1	96	64
C287779		121	22.9	5.7	20	24.3
C287780		1	0.1	1.6	3	27.3
C287781		91	22	5.7	11	19.8
C287782		57	12.9	7.2	18	44.3
C287783		87	11.9	5.3	12	69.5
C287784		104	12.4	9.6	14	71.9
C287785		102	14.4	9	27	86.7
C287786		71	18.3	7.4	30	51.2
C287787		99	12.2	8.9	27	64.8
C287788		60	10.2	8.1	11	54.5
C287789		51	8.1	10.1	13	67.5
C287790		64	9.1	14.5	8	70.1
C287791		65	8.7	15.1	7	62.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125750

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
C287792	2.84	<0.005	0.32	7.76	8.6	1850	3.18	1.32	0.99	<0.02	45	16.7	54	4.43	9.1
C287793	2.52	0.007	0.43	8	13.4	3230	3.2	1.4	0.66	<0.02	11.1	25.2	58	4.79	6.3
C287794	1.84	<0.005	0.27	7.9	7.7	1450	3.31	0.84	0.82	<0.02	68.5	30.4	51	5.97	4.2
C287795	1.68	0.024	0.14	7.27	8.4	2610	2.74	0.81	0.82	<0.02	22.6	20.8	46	4.28	7.7
C287796	2.18	<0.005	1.04	8.17	8	2370	3.41	7.84	0.57	<0.02	13.4	23.9	49	4.91	9.1
C287797	1.02	<0.005	0.21	6.98	15	3650	2.67	0.61	2.96	<0.02	47.2	36.4	41	5.48	60.4
C287798	1.62	0.028	0.53	7.56	10.7	1920	3.09	1.04	1.69	<0.02	54.4	37.4	47	5.61	28.5
C287799	2.62	0.023	0.42	7.69	8.5	2540	2.88	0.96	0.76	<0.02	11.85	29.7	50	4.93	7.9
C287800	1.96	0.016	0.58	6.73	21.8	8220	2.22	1.11	0.65	0.32	13.9	19.3	50	3.01	158
C287801	1.44	0.007	0.33	1.67	19.4	370	1.16	0.36	1.59	<0.02	26.7	10	31	0.72	4.9
C287802	2.42	0.008	0.38	2.07	18.9	150	0.94	0.52	1.58	<0.02	51.3	16.7	30	0.93	9.2
C287803	1.52	0.011	0.52	8	16.8	3720	3.1	1.27	0.34	<0.02	39.4	26.7	50	3.74	17.1
C287804	2.24	<0.005	0.11	7.75	5.9	1540	2.44	0.27	1.57	<0.02	85.7	23.7	50	4.8	2.7
C287805	2.70	<0.005	0.05	8.31	4.9	1820	2.55	0.07	1.99	<0.02	119.5	31.5	59	5.09	0.7
C287806	4.64	<0.005	0.16	7.19	5.4	1080	4.42	0.33	2.81	0.02	134.5	31.4	39	5.05	6.3
C287807	4.32	0.005	0.19	7.28	7	960	2.28	0.37	1.95	<0.02	140	38.7	46	3.99	17.6
C287808	5.30	0.014	0.08	7.46	9.2	930	1.95	0.41	1.41	<0.02	171	37.6	43	4.88	79.8
C287809	4.50	0.088	0.11	7.88	9.5	2910	1.46	0.53	1.79	<0.02	124.5	38.1	51	2.87	166
C287810	4.20	0.029	0.11	7.98	10.9	1770	2.79	0.35	0.71	<0.02	89	58.8	56	5.43	521
C287811	1.88	0.052	0.26	8.81	7	710	5.94	0.3	0.91	<0.02	221	52.8	66	7.72	507
C287812	3.52	0.022	0.1	7.53	4.5	1770	1.85	0.18	1.49	<0.02	116	17.5	50	1.69	260
C287813	2.36	<0.005	0.11	7.46	7.5	2810	0.94	0.21	2.76	<0.02	95.9	22.8	48	1.17	753
C287814	3.92	0.102	0.77	7.61	7.5	1570	1.37	0.88	2.4	<0.02	146	32.8	51	1.65	3260
C287815	4.08	0.006	0.19	7.85	6.4	870	3.65	0.33	2.25	<0.02	113	36.1	47	4.56	85.9
C287816	3.94	0.036	0.16	7.19	4.4	790	4.01	0.86	2.3	<0.02	40.3	110	104	6.86	86
C287817	3.38	<0.005	0.08	7.5	6.5	770	3.62	0.33	1.22	<0.02	56.1	107	121	7.11	45.1
C287818	5.02	0.010	0.19	7.02	7.9	1830	3.44	1.19	1.87	<0.02	126	52.2	43	5.31	4.4
C287819	5.28	0.017	0.23	5.91	7.4	990	2.88	1.39	3.8	<0.02	108.5	27.4	33	3.13	26
C287820	4.74	0.014	0.33	6.82	12.1	840	1.91	1.79	2.55	<0.02	112.5	30.2	41	2.86	160
C287821	4.92	<0.005	0.2	6.61	12.9	540	2.33	0.62	2.98	0.04	103.5	33.2	38	3.42	104.5
C287822	3.96	<0.005	0.15	6.89	9	350	1.58	0.36	1.09	<0.02	116	77	31	5.27	13.1
C287823	0.08	0.855	34.7	4.23	1305	500	0.58	30.3	6.31	0.68	24.3	40.5	265	1.25	4300
C287824	3.74	0.012	0.49	6.46	18	940	2.02	1.25	4.03	<0.02	100.5	19.8	38	2.33	112.5
C287825	3.28	<0.005	0.17	7.01	6.1	450	4.76	0.42	2.75	<0.02	98.6	35.1	41	6.52	14.1
C287826	3.44	<0.005	0.11	7.64	7.5	390	5.29	0.35	2.57	<0.02	123.5	40.5	48	7.85	4.5
C287827	4.20	<0.005	0.09	7.67	3.7	350	6.02	0.36	2.56	<0.02	151.5	37	49	7.88	5.7
C287828	3.20	<0.005	0.06	7.72	5	420	5.61	0.21	2.18	<0.02	129	47.3	47	9.08	35.2
C287829	1.56	<0.005	0.06	7.54	4.1	420	5.74	0.36	2.12	<0.02	144.5	47.4	48	8.97	34.4
C287830	2.70	0.020	0.15	6.53	7.5	1400	2.2	0.62	2.74	<0.02	102	36	35	3.44	8.4
C287831	2.80	<0.005	0.25	7.97	9.6	830	2.06	1.42	0.94	<0.02	76	76.1	53	3.98	231

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 13-NOV-2007
Account: EIAFRG

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CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C287792		6.85	19.3	0.15	2	0.048	6.85	27.1	82	1.65	504	16.8	0.06	4.5	34.4	770
C287793		7.58	18.5	0.12	2.3	0.039	5.91	5.9	79.5	1.56	312	15.8	0.08	4.5	43.6	870
C287794		8.73	22.5	0.19	2.1	0.037	6.61	44.6	67.7	2.04	389	11.95	0.06	5.2	65.4	780
C287795		6.98	17.75	0.12	1.9	0.033	6.27	14	56.2	1.56	386	12.7	0.06	4	46	820
C287796		8.07	21	0.14	2	0.045	6.35	7.8	73.2	1.68	258	13.35	0.06	5.1	49.6	760
C287797		9.17	19.95	0.19	1.9	0.046	5.37	29.1	60.3	3.24	1410	17.65	0.06	5.3	64.4	700
C287798		7.65	21.2	0.16	2.2	0.048	5.77	33.5	68.1	2.7	806	33.2	0.05	5.1	65.8	810
C287799		8.17	20.4	0.15	1.9	0.048	6.62	6.8	61.6	1.82	340	27.5	0.06	4.9	53.7	800
C287800		8.76	14.45	0.16	2	0.036	6.38	7.8	41.2	0.86	464	32.2	0.09	6.6	20.1	840
C287801		27.3	7.15	0.25	0.9	<0.005	0.98	20.2	15.3	0.91	913	43.4	0.01	11	11.2	1260
C287802		27.3	6.92	0.25	0.7	0.006	1.08	38	18.1	1.07	919	41.1	0.03	9.7	16.2	990
C287803		9.44	24.8	0.18	1.9	0.052	6.79	28.5	54.6	1.19	142	40.5	0.07	6.7	28.5	870
C287804		7.36	24.6	0.18	1.9	0.053	7.14	54.9	41.4	1.98	653	4.03	0.07	4.6	29.6	770
C287805		5.86	25.6	0.21	2.2	0.063	7.53	76	42.4	2.47	838	3.17	0.06	5.1	36.3	790
C287806		6.4	21.6	0.22	2.3	0.084	5.1	80.1	56.4	2.97	1330	5.91	0.05	7.7	28.1	680
C287807		7.47	20.4	0.2	2	0.104	5.99	80.6	31	2.19	1030	14.65	0.04	4.7	26.6	760
C287808		6.94	22.9	0.2	2.2	0.1	6.47	98.6	29.8	2.33	1570	4.47	0.05	4.6	33.3	780
C287809		6.17	18.85	0.19	2.1	0.056	8.12	72.7	19.5	1.58	1340	8.64	0.06	4.5	21.9	800
C287810		6.19	24.4	0.17	2	0.065	6.91	48	33.8	2.25	520	4.2	0.05	5.7	30.3	820
C287811		8.1	30.6	0.26	2.2	0.214	6.04	121.5	52.1	2.76	494	3.31	0.03	6.9	26.3	850
C287812		5.36	17.95	0.22	1.8	0.061	7.42	69.6	13.9	1.15	674	2.66	0.07	4	15.3	780
C287813		5.4	14.35	0.17	1.7	0.069	7.24	57.1	8.6	1.64	1210	1.98	0.07	3.4	16.9	660
C287814		7.32	19.15	0.23	1.9	0.106	5.23	82	17.5	1.85	1170	9.44	0.07	4.1	27.2	770
C287815		6.76	22.3	0.19	2.1	0.076	6.34	67.3	35.2	2.58	1050	12.15	0.05	5.6	26.6	850
C287816		8.37	19.15	0.15	1.2	0.073	4	22.8	76.2	6.16	1260	5.6	0.03	2.9	58.8	490
C287817		7.93	20.4	0.16	1.2	0.072	5.18	31.7	83.2	5.93	781	5.68	0.03	4	57.9	640
C287818		8.25	19.8	0.19	1.9	0.048	5.87	76.9	51.1	3.46	843	12.8	0.05	7.4	28.7	880
C287819		7.26	14.25	0.19	1.7	0.076	5.29	67	28.6	3.12	1630	9.35	0.04	6.8	15.4	800
C287820		7.83	16.6	0.16	1.8	0.035	5.87	71.9	33.7	2.86	1190	12.45	0.04	5.7	26.3	910
C287821		7.24	18.55	0.15	2	0.057	5.63	62.9	35.7	2.96	1680	6.66	0.04	5.9	27.1	750
C287822		8.48	18.55	0.19	2.3	0.019	4.46	68.7	70.6	5.1	636	7.18	0.03	5.8	48.9	700
C287823		4.22	12.45	0.1	0.7	0.21	1.44	17.8	13.2	0.8	1690	714	0.65	1.8	18.4	570
C287824		6.13	15.15	0.17	2.4	0.083	6.3	62.3	23.3	2.63	1800	14.95	0.05	5.9	18.4	720
C287825		5.42	20.2	0.16	3.1	0.135	5.27	57.5	61.6	3.01	1200	20.5	0.04	12	32.5	640
C287826		5.94	21.7	0.2	3.2	0.144	5.5	71.7	66.4	3.2	1140	7.94	0.04	12.1	36.9	730
C287827		5.85	22	0.2	3.4	0.147	5.25	88.6	63.9	3.07	1160	7.23	0.03	13.8	30	740
C287828		5.4	22.7	0.19	3	0.144	5.54	75.3	66.2	3.25	1060	3.95	0.03	11.2	40.2	660
C287829		5.71	22.2	0.21	2.8	0.15	5.21	85.7	66.3	3.21	1090	6.85	0.03	11.6	39.8	720
C287830		7.07	16.15	0.19	2.3	0.066	5.92	64.1	36.9	2.77	1480	12	0.04	8.1	28	830
C287831		6.41	23	0.18	3	0.042	6.3	40	47.9	3.17	499	3.7	0.04	6.8	42.6	680

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C287792		10	276	<0.002	0.02	3.71	11.8	3	3.5	21.2	0.38	0.22	16.1	0.167	0.5	25.6
C287793		11.9	214	<0.002	0.06	4.26	11.6	3	3.7	33.6	0.35	0.38	18.1	0.18	0.6	31.4
C287794		6.7	343	<0.002	0.02	3.46	13.3	2	3.8	19.3	0.4	0.24	17.1	0.196	0.47	13.7
C287795		7.8	262	<0.002	0.05	3.29	10.8	2	3.3	33.8	0.31	0.13	14.3	0.171	0.41	19.6
C287796		17.3	305	<0.002	0.04	3.92	12.3	7	4.1	27.6	0.42	2.32	16.2	0.177	0.46	25.1
C287797		10.9	273	<0.002	0.09	4.42	11.2	3	4.4	50.7	0.41	0.13	15.9	0.188	0.38	49.8
C287798		11.5	293	<0.002	0.04	4.85	12.6	5	3.9	27.2	0.45	0.17	16.9	0.196	0.43	84.2
C287799		12.6	248	0.003	0.05	4.14	11.4	4	3.5	27.4	0.4	0.17	12.4	0.183	0.5	85.6
C287800		32	225	0.005	0.22	5.97	8.5	4	4.5	117	0.45	0.23	18.6	0.17	0.89	95
C287801		6.9	71	<0.002	0.16	5.73	4	4	11.2	12.4	0.39	0.29	9.4	0.163	0.49	13.2
C287802		7	73.4	<0.002	0.45	6.76	3.3	3	12.8	10.3	0.32	0.25	8	0.128	1.94	9.7
C287803		26.2	248	0.011	0.11	6.73	12.2	5	6.5	53.5	0.48	0.19	19.9	0.183	0.95	118.5
C287804		4.5	265	<0.002	0.01	3.04	14.5	2	4.6	18.4	0.38	0.1	15.5	0.179	0.4	8.7
C287805		3.7	237	<0.002	0.01	2.76	14.8	2	4.3	26	0.43	<0.05	18	0.203	0.42	7.1
C287806		5.1	247	<0.002	0.03	3.39	12.4	2	4.1	25.3	0.64	0.1	17	0.217	0.36	12.6
C287807		4.1	204	<0.002	0.03	2.82	11.5	2	4.1	16.2	0.44	0.08	15.8	0.183	0.33	10.2
C287808		4.1	196.5	0.002	0.03	3.84	12.8	1	4.3	16.7	0.41	0.11	17.5	0.184	0.39	12.1
C287809		3.4	170	<0.002	0.08	2.31	9.9	2	2.8	58.2	0.39	0.15	17.2	0.175	0.34	9.9
C287810		5	182.5	<0.002	0.08	2.92	13.1	2	4.2	29	0.51	0.08	15.4	0.196	0.37	11.4
C287811		4.8	351	0.002	0.06	4.05	19.5	2	4.7	11.1	0.6	0.17	17.2	0.266	0.4	19.2
C287812		3.9	140	<0.002	0.04	1.54	8.9	2	2.6	25	0.34	0.11	16.1	0.16	0.25	6.1
C287813		5.4	122	<0.002	0.13	1.45	10.4	3	2.2	43.7	0.31	<0.05	15.1	0.148	0.26	4.8
C287814		6.5	84.2	0.003	0.33	1.78	12.5	3	2.7	27.6	0.36	0.4	14.9	0.156	0.27	15
C287815		5.4	241	0.004	0.02	2.44	12.8	2	3.9	22.3	0.53	0.15	17.7	0.201	0.36	19.5
C287816		2.9	195	0.006	0.04	3.19	41.3	2	1.5	23.5	0.21	0.09	4.5	0.343	0.3	9
C287817		1.9	188.5	0.009	0.02	3.18	29.1	2	2.2	13.4	0.28	0.09	5	0.385	0.38	40.2
C287818		3.9	187.5	0.004	0.04	2.51	13.7	2	5.7	30.5	0.58	0.25	15.6	0.221	0.3	16.7
C287819		5.1	151	<0.002	0.07	2.26	11.4	3	4.8	24.4	0.46	0.26	12.6	0.163	0.34	11.5
C287820		6.7	159	0.002	0.29	2.29	10.4	3	4.3	16.7	0.43	0.22	13.7	0.198	0.64	12.8
C287821		6	175.5	<0.002	0.19	2.59	12	3	4.1	19.3	0.51	0.11	16.2	0.199	0.54	14.3
C287822		3.2	157	0.004	0.08	1.99	10.6	2	3.1	8.9	0.53	0.13	17.1	0.205	0.41	13.8
C287823		63.5	36	0.075	0.72	87.3	5.1	5	2.9	274	0.11	3.65	1.5	0.117	0.24	2
C287824		9.1	165.5	0.005	0.21	2.88	10.2	3	4.3	22.4	0.43	0.19	14.8	0.161	0.59	8.5
C287825		3.8	300	0.002	0.05	3.01	10.7	2	4	16.8	0.94	0.12	16	0.254	0.49	10
C287826		3.9	337	0.002	0.06	3.21	11.7	2	4.2	14.3	0.94	0.08	17.1	0.274	0.54	11.6
C287827		3.3	330	0.004	0.01	3.32	11.9	2	4.2	13.3	1.07	0.08	17.7	0.287	0.44	10.3
C287828		3.9	343	0.005	0.02	3.5	11.9	2	4.2	13.2	0.91	0.05	15.8	0.289	0.5	10.6
C287829		3	342	0.008	0.02	3.19	11.6	2	4.3	13.3	0.94	0.08	15.9	0.279	0.49	11.1
C287830		4.4	185.5	0.005	0.09	2.09	10.6	2	6.5	31.2	0.53	0.16	14.4	0.186	0.41	10.9
C287831		4.2	152	0.007	0.32	2.13	13.4	2	4.1	10.5	0.58	0.52	13.7	0.201	0.54	18.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 13-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method Analyte Units LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
C287792		60	9	13.7	10	63.3
C287793		61	10	14.7	14	72.8
C287794		74	10.3	14.9	14	65
C287795		58	8.1	13.8	14	58.1
C287796		65	13.2	14.2	10	62.5
C287797		72	13.1	19.5	16	62.4
C287798		68	9.7	21.5	21	69.1
C287799		63	11.2	15.1	23	62.8
C287800		46	13.3	20.4	112	63.4
C287801		109	15	6.4	17	34
C287802		104	18	5.4	16	23.5
C287803		61	14	20.6	30	60.4
C287804		75	7.1	12.5	8	65.7
C287805		81	5.5	13.2	10	69.8
C287806		64	6.1	17.4	12	72
C287807		71	4.5	11.2	11	63.3
C287808		77	3.7	11.2	8	72
C287809		68	1.8	12.3	7	65.7
C287810		71	2.6	9.8	13	62.7
C287811		89	3.7	12	16	69.8
C287812		70	3.3	12.9	8	58.3
C287813		62	2.8	11	7	54.9
C287814		75	5.3	11.4	11	59.9
C287815		77	5.8	13.4	9	66.8
C287816		314	3.6	10	28	33
C287817		327	3.8	7.7	27	36.6
C287818		91	7.2	12.4	34	64.2
C287819		64	5.8	13.5	14	58.1
C287820		83	6.2	12.1	37	55.7
C287821		74	5.9	13.5	45	61
C287822		75	5.9	13.4	34	80.5
C287823		60	15.1	10.2	114	19.2
C287824		67	7.1	14.8	12	58.4
C287825		65	6.9	19.4	14	75.3
C287826		71	7.3	17.9	13	75
C287827		73	7.3	18.2	11	80.2
C287828		72	6.8	16.4	14	69.5
C287829		70	6.9	16.4	13	66.7
C287830		69	6.5	13.5	21	57
C287831		77	4.6	11.5	36	72.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C287832		0.08	<0.005	0.02	0.09	<0.2	20	<0.05	<0.01	0.02	<0.02	2.6	0.4	2	<0.05	2.2
C287833		3.86	0.005	0.12	7.68	12.7	930	1.89	0.5	1.78	<0.02	53.9	66.5	44	3.45	128.5
C287834		3.24	<0.005	0.25	7.75	7.1	1950	1.2	0.3	1.56	<0.02	72.8	57.7	54	2.52	31.4
C287835		2.98	<0.005	0.07	6.8	6	360	2.42	0.28	2.6	<0.02	80.6	56.7	173	4.74	19.4
C287836		3.42	0.011	0.17	6.97	5.3	690	2.02	0.29	2.38	<0.02	143.5	51	46	5.4	44.9
C287837		3.96	0.010	0.19	6.74	5	670	1.43	1.25	2.21	0.02	90.2	50.7	46	3.53	1435
C287838		4.52	0.016	0.79	6.53	4.8	630	0.81	4.09	1.61	0.02	79.5	68.4	50	3.01	2540
C287839		4.90	0.021	0.24	6.84	2.7	3100	0.65	1.32	2.48	0.02	147	47.8	39	1.99	259
C287840		3.08	0.021	0.08	6.97	4.3	3050	0.62	0.18	2.92	<0.02	62.4	44.1	40	1.47	114.5
C287841		5.70	<0.005	0.1	6.8	5.4	1800	0.53	0.32	2.95	<0.02	90.4	43.8	37	1.39	110
C287842		2.96	<0.005	0.04	6.35	3.1	2000	0.59	0.09	2.14	<0.02	39	52.8	38	2.05	131
C287843		3.64	<0.005	0.04	7.26	3.3	2260	0.71	0.09	2.51	<0.02	34.4	55.7	42	2.03	140.5
C287844		5.38	0.007	0.22	7.82	4	2060	0.8	0.81	1.44	<0.02	89.1	78.1	52	3.45	428
C287845		6.04	0.015	0.22	7.65	3.8	2310	0.67	0.47	1.42	<0.02	97.5	63.1	55	2.22	321

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 13-NOV-2007
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CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C287832		0.05	0.2	0.05	0.7	<0.005	0.03	1.5	2.3	0.02	7	0.18	0.01	0.2	0.7	20
C287833		5.79	21.5	0.17	2.9	0.045	6.73	29.8	39.4	2.86	930	2.39	0.04	6.2	34.6	630
C287834		6.17	18.95	0.18	2.8	0.033	7.51	40.2	35.5	2.72	754	4.69	0.05	5.5	33.2	660
C287835		6.44	17.2	0.17	2.3	0.082	4.72	47.2	73.7	4.39	950	1.63	0.03	4.4	66.7	720
C287836		6.96	18.75	0.22	2.5	0.07	5.66	85.8	68.5	3.49	999	4.92	0.04	6	36.1	820
C287837		7.55	17.55	0.19	2.3	0.08	5.58	53.9	43	3.18	1030	7.72	0.04	5.8	32.2	720
C287838		7.78	17.95	0.2	2.4	0.051	6.09	46.3	44.5	3.18	705	6.15	0.04	5.7	35.1	740
C287839		6.96	16.25	0.21	2.5	0.044	6.79	89.7	27.2	2.54	1020	18.75	0.05	5.6	22.8	680
C287840		6.9	16.25	0.18	2.5	0.042	7.26	37.8	21.8	2.54	1250	5.94	0.05	5.7	24	660
C287841		6.49	15.7	0.18	2.5	0.038	7.12	53.6	20	2.41	1210	5.66	0.06	5.1	22.2	670
C287842		6.43	16.1	0.17	2.3	0.034	6.16	23.7	29.4	2.46	853	2.62	0.05	6	26.5	610
C287843		7.08	17.8	0.15	2.5	0.037	7.53	20.1	30.9	2.73	985	2.37	0.05	5.9	27.9	690
C287844		7.26	22.1	0.2	2.7	0.039	7.54	53.4	38.6	2.77	606	13.35	0.05	7.1	39.7	770
C287845		7.52	19.2	0.23	2.5	0.033	7.81	58.7	31.4	2.3	582	18.65	0.06	6.5	33.5	720

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C287832		1.7	0.8	<0.002	0.01	<0.05	0.3	2	0.2	2.2	<0.05	<0.05	0.3	0.006	<0.02	0.2
C287833		3.9	161.5	0.004	0.38	2.02	13.3	2	3.9	14.1	0.51	0.08	13.7	0.193	0.57	13.7
C287834		3.2	92.9	0.008	0.11	1.74	10.1	2	3	26.8	0.45	0.22	14.7	0.187	0.34	8.1
C287835		2.8	209	<0.002	0.01	2.61	15.4	1	2.4	14.3	0.38	0.07	12.8	0.164	0.31	3.1
C287836		5.7	207	<0.002	0.01	3.09	11.7	2	3.3	16.2	0.48	0.1	15.7	0.188	0.35	4
C287837		4.8	178.5	<0.002	0.08	2.4	13.6	2	2.9	14.2	0.47	0.12	14.9	0.199	0.28	3.8
C287838		4.1	156	0.002	0.15	2.03	10.2	2	2.4	10.9	0.49	0.09	16.3	0.198	0.26	3.8
C287839		7.2	114.5	0.007	0.08	2.16	10.7	2	3.2	39.9	0.48	0.1	15.1	0.193	0.3	5.9
C287840		5.4	160	0.002	0.07	2.2	12	2	3.3	38.2	0.47	0.08	15.2	0.188	0.31	5
C287841		6.6	150	0.003	0.05	2.41	11.4	2	2.8	23.7	0.43	<0.05	14.9	0.182	0.29	5.8
C287842		3.3	144.5	<0.002	0.04	2.39	10.6	2	2.7	23.5	0.51	0.05	13.9	0.184	0.25	5.3
C287843		3.6	109	<0.002	0.03	2.55	11.6	2	2.8	26.8	0.48	<0.05	14.1	0.211	0.28	5.8
C287844		3.6	188	0.006	0.04	2.95	13.9	2	3.6	25	0.61	0.09	16.3	0.217	0.34	8.5
C287845		3.9	166.5	0.006	0.04	2.56	11.9	3	3.2	30.1	0.55	0.13	16.1	0.206	0.28	6.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125750

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
C287832		1	<0.1	2	3	21.9
C287833		73	4.4	12	29	68.9
C287834		69	4.9	11.3	33	68.5
C287835		97	4.3	12	19	56.1
C287836		73	6.8	13.4	26	61.4
C287837		84	6.7	10.8	35	55.8
C287838		67	5.6	9.6	25	60.9
C287839		66	6	12.7	17	59.6
C287840		66	5.6	12.7	17	61.2
C287841		63	5.1	12.7	13	62.5
C287842		60	5.3	11	16	57.4
C287843		70	5.3	11.7	18	62.9
C287844		78	6.4	11.8	18	66.7
C287845		72	8	13	22	65.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE VA07125751

Project: Werneckes

P.O. No.: FRG07-01

This report is for 109 Drill Core samples submitted to our lab in Terrace, BC, Canada on 14-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333040		2.98	0.007	0.06	8.14	5.1	660	2.3	0.24	2.48	<0.02	64.1	15.6	54	1.89	18.7
C333041		3.68	0.006	0.07	7.92	6.3	640	1.94	0.3	2.68	<0.02	83.6	15.7	51	1.6	43.6
C333042		3.82	<0.005	0.13	7.5	6.1	530	1.71	0.26	2.59	<0.02	87.5	18.3	49	1.3	85.1
C333043		2.24	0.005	0.07	7.68	7.8	780	1.68	0.14	2.23	<0.02	91.7	20.2	49	1.84	78.9
C333044		2.76	0.005	0.06	7.53	7.6	840	1.43	0.06	3.01	<0.02	91.5	20.4	47	1.39	29.2
C333045		3.50	0.012	0.09	7.67	6.6	690	1.59	0.1	2.81	<0.02	83.4	17.3	46	0.98	61.4
C333046		2.74	0.009	0.11	7.27	5.3	600	1.82	0.21	2.49	<0.02	137	20.8	45	1.66	87
C333047		2.60	0.008	0.11	7.61	5.7	560	1.77	0.29	2.97	<0.02	97.9	18.6	43	1.69	51
C333048		3.08	0.007	0.08	7.55	9	640	1.86	0.37	2.77	<0.02	79.7	20.9	50	1.72	37.2
C333049		0.04	0.033	0.3	6.93	22.8	50	9.14	13.5	1.69	0.06	17.05	34.1	41	0.81	129
C333050		1.58	0.014	0.09	7.34	7.3	940	0.93	0.27	2.21	<0.02	130.5	18.2	42	1.34	297
C333051		1.54	0.006	0.02	7.23	3	610	1.3	0.03	2.42	<0.02	48.5	11.2	49	1.32	8
C333052		2.84	<0.005	0.06	6.92	3.1	1240	1.72	0.04	4.38	<0.02	98.6	20	34	3.07	4.6
C333053		3.20	<0.005	0.03	6.58	3.5	1080	1.93	0.03	4.07	<0.02	95.8	17.1	33	2.71	1.7
C333054		2.62	0.005	0.07	6.54	2.6	1030	2.11	0.06	5.19	<0.02	113.5	17.9	34	2.1	1.6
C333055		3.04	0.006	0.03	6.97	2.2	1260	1.74	0.04	3.96	<0.02	127	15.6	35	1.78	1.6
C333056		3.30	0.006	0.03	7.03	1.7	1240	1.96	0.05	4.09	<0.02	118.5	15.8	33	1.9	1.4
C333057		3.58	<0.005	0.01	7.76	3	1200	2.18	0.04	3.99	<0.02	79.2	16.3	40	2.23	1.9
C333058		1.40	<0.005	0.02	7.86	4.2	1210	2.22	0.04	4.02	<0.02	70.3	16.5	41	2.18	1.3
C333059		1.80	0.005	0.04	7.25	2	1220	2.27	0.06	4.25	<0.02	149	15.7	39	2.51	1.5
C333060		1.84	0.005	0.03	7.13	2.3	1180	2.04	0.05	3.85	<0.02	71.1	14	37	2.3	1.7
C333061		2.88	0.006	0.17	6.02	3.9	1140	1.44	0.11	4.42	<0.02	100	15	30	2.13	1.3
C333062		4.06	<0.005	0.03	6.97	3	1200	2.39	0.06	4.12	<0.02	85.5	20.6	33	3.02	1.2
C333063		3.46	0.006	0.03	7.32	2.8	1250	2.76	0.08	4.46	<0.02	41.9	22.3	35	2.83	1.2
C333064		3.78	<0.005	0.02	7.71	2.6	1320	3.19	0.11	4.72	<0.02	82.4	21	40	2.85	1.6
C333065		3.68	0.005	0.01	7.72	2.5	1180	3.17	0.11	5.14	<0.02	88.3	18.7	40	2.71	2.1
C333066		2.88	<0.005	0.05	7.88	2.4	1370	3.23	0.09	4.79	<0.02	79.2	20.6	41	2.87	1.9
C333067		3.12	<0.005	0.05	7.93	1.8	1510	2.87	0.13	5.36	<0.02	87.3	18.5	39	2.76	1.6
C333068		4.12	<0.005	0.04	8.16	2.2	1190	3.32	0.07	5.43	<0.02	103	20.5	40	2.51	1.8
C333069		4.12	<0.005	0.17	7.15	2.1	1230	2.51	0.06	5.01	<0.02	74.6	23.2	34	2.3	1.9
C333070		3.68	0.005	0.03	6.46	2.3	1040	2.52	0.09	4.32	<0.02	88.3	19.5	30	2.35	27.1
C333071		0.04	<0.005	0.01	0.09	<0.2	20	<0.05	<0.01	0.04	<0.02	3.18	0.2	1	<0.05	1.4
C333072		3.98	<0.005	0.03	7.64	2.6	1140	3.18	0.08	5.22	<0.02	89.3	19	38	2.56	10.4
C333073		4.32	0.010	0.06	7.98	6.1	1220	3.06	0.29	2.91	<0.02	64.9	27.2	42	3.08	10
C333074		3.06	0.007	0.12	7.24	2.4	1870	2.65	0.09	3.92	<0.02	114	17	37	2.19	5.7
C333075		3.22	<0.005	0.07	6.08	2.8	1400	1.86	0.06	5.1	<0.02	94.9	18.1	27	2.47	5.9
C333076		3.64	<0.005	0.03	6.55	3	1250	2.03	0.05	5.19	<0.02	85.4	18.3	31	2.25	3.9
C333077		3.94	<0.005	0.03	7.24	2.8	1300	2.57	0.09	4.25	<0.02	113.5	21	37	4.55	5.2
C333078		3.26	0.006	0.02	7.38	2.4	1190	2.76	0.08	4.09	<0.02	144	17.1	35	2.66	2.2
C333079		3.82	0.005	0.04	6.74	2.4	1000	2.47	0.16	4.66	<0.02	50.5	19.2	33	2.06	1.9

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333040		3.94	23.3	0.15	2.9	0.047	4.57	34.3	21	1.71	1920	6.79	1.6	7.9	25.6	520
C333041		3.97	21.2	0.16	2.8	0.042	4.3	45.5	25.4	1.88	1820	4.82	1.81	8.5	31.3	620
C333042		3.67	19.4	0.17	2.8	0.039	3.61	46.8	24.1	1.66	2010	7.8	2.5	8.7	28.8	720
C333043		4.65	19.95	0.17	2.4	0.044	4.61	49.4	27.6	1.5	1950	8.63	1.5	7.3	31	670
C333044		6.45	20.6	0.19	2	0.04	4.5	52.3	33.1	2.17	2110	4.19	1.57	6.7	43.4	680
C333045		5.36	20	0.17	2.2	0.035	3.73	44.9	19.8	1.81	2040	4.25	2.67	7.8	32.3	710
C333046		3.84	18.45	0.2	2.4	0.041	3.85	76.5	35.7	1.79	2140	7.34	1.67	7.8	31.9	620
C333047		4.57	20.5	0.18	2.4	0.045	3.64	53.7	62	2.08	2260	4.53	1.96	7.4	34	650
C333048		4.81	21.4	0.16	2.4	0.041	4.04	42.3	36.5	2.02	1950	4.74	1.88	7.3	39.9	650
C333049		2.21	68.2	0.14	5.5	0.041	0.26	8.4	344	8.97	355	38.9	0.07	12.2	176	1020
C333050		7.33	18.9	0.23	1.9	0.024	5.12	75.3	23	1.8	1310	2.83	1.62	7.3	42	800
C333051		5.74	20.1	0.16	1.9	0.027	4.83	25.8	17.3	1.58	1590	0.69	2.14	5.8	28.7	750
C333052		6.81	17.35	0.2	2.3	0.054	5.28	57.1	21.9	2.66	2880	1.45	0.75	6.2	40.3	730
C333053		5.49	19.95	0.18	2.1	0.107	4.47	54.1	24.7	2.52	2480	1.29	0.08	4.6	30.6	630
C333054		5.93	16.4	0.19	2	0.096	5.05	63.6	18.5	3.04	3140	1.44	0.09	5.2	26.3	630
C333055		4.73	17.35	0.2	2.1	0.103	5.5	71.9	18.1	2.34	2510	1.29	0.09	7.6	28.5	720
C333056		4.85	19.05	0.18	2.1	0.12	4.97	65.7	20.2	2.45	2360	1.27	0.07	7.9	31.1	640
C333057		5.57	21	0.18	2.1	0.119	5.94	44.6	21	2.26	2270	1.26	0.07	8	32.9	770
C333058		5.6	21.2	0.17	2	0.127	5.98	38.7	20.9	2.26	2280	1.25	0.07	7.5	29.8	780
C333059		5.35	19.85	0.24	2	0.113	5.99	85.9	18.2	2.53	2640	1.47	0.07	7.9	26.5	710
C333060		5.4	18.65	0.17	1.8	0.109	5.35	40.7	17.3	2.35	2390	1.88	0.07	6.4	25.6	720
C333061		6.34	13.75	0.2	1.8	0.066	5.58	59.5	10.6	2.47	2910	2.2	0.09	8.5	18.8	700
C333062		5.54	18.4	0.19	2	0.103	5.44	48.9	15.8	2.4	3170	1.51	0.15	6.9	27.2	790
C333063		4.96	18.85	0.14	2.1	0.118	5.39	23.9	18.9	2.31	3010	1.74	0.35	7.7	30.3	750
C333064		4.89	20.6	0.18	2	0.139	5.39	46.6	21.1	1.77	2110	1.81	0.24	10.3	35	700
C333065		5.08	20.9	0.19	2.1	0.14	5.48	49.5	21.3	1.57	2050	1.91	0.21	10.6	29.1	760
C333066		4.66	22	0.17	2.1	0.15	5.67	43.3	22.3	1.68	2100	1.9	0.24	9.2	33	720
C333067		4.63	20.7	0.17	2.1	0.142	5.64	49	20.9	1.69	2230	2.04	0.24	10	28.4	720
C333068		5.28	23.4	0.19	2.3	0.161	5.4	56.4	22	1.84	2440	1.33	0.27	8.2	29.5	710
C333069		5.24	18.65	0.17	1.9	0.122	4.93	41.2	16.3	2.58	3450	1.53	0.29	7.1	29.3	640
C333070		5.18	16.35	0.17	1.8	0.123	4.43	47.6	13.2	2.29	3310	1.79	0.18	6.8	23.8	670
C333071		0.05	0.24	<0.05	0.7	<0.005	0.03	1.8	2.2	0.02	25	0.06	0.01	0.2	0.6	20
C333072		5.36	20.7	0.17	2.2	0.167	5.07	49.1	17.1	1.76	3020	1.82	0.11	8.3	24.8	660
C333073		7.01	23.5	0.18	2.2	0.122	5	37	28.9	2.03	2010	8.06	0.24	5.1	44.5	760
C333074		5.41	18.85	0.19	2.3	0.126	5.39	62.8	14.4	2.16	3170	1.41	0.16	6.8	23.9	810
C333075		5.22	14.75	0.17	1.9	0.091	5.17	52.2	10.1	2.69	4260	1.23	0.11	5.7	16.1	660
C333076		5.64	15.6	0.17	2.1	0.088	5.35	46.4	10.8	2.8	4040	1.06	0.21	6.8	16.5	650
C333077		6.36	17.7	0.21	2	0.104	5.48	61.8	15.1	2.44	3540	1.37	0.13	7.4	24.5	770
C333078		5.51	19.5	0.21	2.1	0.147	4.9	80.7	15.6	2.24	3530	1.62	0.17	6.9	19.4	760
C333079		5.74	17	0.16	2	0.149	4.54	27.9	14	2.42	4270	1.68	0.18	7.4	18.8	680

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333040		2.4	132	0.006	0.17	1.67	13.4	2	3.1	23.9	0.63	0.1	14.1	0.224	0.27	5.6
C333041		3.7	128	0.002	0.09	1.8	13.2	2	2.8	29.4	0.66	0.1	15.9	0.235	0.26	4.3
C333042		2.5	98.3	0.002	0.07	1.4	11	2	2.3	26.6	0.66	0.13	14	0.221	0.24	8.8
C333043		2.7	137.5	<0.002	0.06	1.54	13.1	2	2.8	24.4	0.58	0.1	16.5	0.218	0.32	7.3
C333044		2.2	118.5	<0.002	0.07	1.28	14.2	2	3	30.1	0.54	0.08	14	0.25	0.27	3.8
C333045		2.1	99.3	<0.002	0.07	1.35	12.9	2	3.1	31.3	0.62	0.13	14	0.217	0.21	4.8
C333046		3.4	111.5	<0.002	0.06	1.55	12.2	2	2.4	25.3	0.61	0.12	14.8	0.215	0.26	7.9
C333047		2.9	93.1	<0.002	0.07	1.35	11.6	2	2.4	26.1	0.6	0.11	12.8	0.207	0.23	4.5
C333048		5	111	<0.002	0.09	1.46	14	2	2.9	26.7	0.6	0.13	14.3	0.214	0.24	5.6
C333049		170	9.5	0.005	0.12	0.76	11	4	3.7	27.3	1.17	0.1	16.5	0.241	0.18	1900
C333050		18.2	111.5	<0.002	0.06	0.99	11	2	2.8	31.5	0.61	0.11	14.8	0.217	0.32	6.7
C333051		2	129.5	<0.002	<0.01	1.47	10.9	2	2.6	23	0.51	<0.05	12.6	0.197	0.28	2.5
C333052		2.4	196	<0.002	0.02	1.09	11.1	2	3.3	37.7	0.51	<0.05	15.3	0.245	0.4	3.5
C333053		3	227	<0.002	0.02	0.89	11.4	2	4	28.4	0.36	<0.05	15	0.23	0.33	2.8
C333054		3.6	229	<0.002	0.01	0.91	11.1	2	3.3	32.7	0.43	0.06	14.6	0.24	0.34	3.3
C333055		2.5	243	<0.002	0.01	0.92	11.2	2	3.3	31.6	0.62	<0.05	15.3	0.247	0.37	3.6
C333056		2.6	255	<0.002	0.01	0.86	11.7	2	3.6	31.1	0.7	<0.05	16.5	0.236	0.39	4
C333057		2.5	283	<0.002	0.01	0.9	13	2	3.9	26.6	0.59	<0.05	17.2	0.27	0.39	3.4
C333058		2.5	274	<0.002	<0.01	1	13.1	2	3.9	26.7	0.62	<0.05	16.3	0.28	0.41	3.2
C333059		2.5	268	<0.002	0.01	1	12.4	3	3.6	27.9	0.66	0.06	15.7	0.274	0.42	3.9
C333060		2.2	257	<0.002	0.01	0.91	11.7	2	3.4	24.7	0.54	<0.05	14	0.248	0.4	3.8
C333061		3.7	215	<0.002	0.01	1	9.5	3	2.6	32.7	0.69	0.15	13.7	0.226	0.41	3.1
C333062		3.1	246	<0.002	0.01	0.96	11.8	2	3.5	27.8	0.56	<0.05	15.3	0.257	0.42	3.5
C333063		4.1	256	<0.002	0.01	1.07	12.2	2	3.3	34.6	0.64	<0.05	15.7	0.271	0.41	4.6
C333064		2.5	301	<0.002	0.01	1.01	12.9	2	3.7	40	0.79	0.06	16	0.276	0.41	4.3
C333065		3.1	295	<0.002	<0.01	1.01	13	3	3.7	35.6	0.86	0.07	16.7	0.287	0.41	4.5
C333066		2.4	284	<0.002	0.01	1.03	13.4	2	3.8	37.9	0.78	0.07	15.9	0.282	0.42	6.6
C333067		2.1	298	<0.002	0.01	1	12.8	2	3.7	44.2	0.81	0.08	16.1	0.293	0.39	6.9
C333068		1.9	284	<0.002	<0.01	0.95	14.1	2	4.1	37.7	0.72	<0.05	15.8	0.283	0.41	4.3
C333069		3.2	250	<0.002	0.01	0.85	11.9	2	3.3	36.5	0.61	0.06	14.5	0.26	0.37	6.1
C333070		4.3	225	<0.002	0.01	0.97	10.7	2	3	27.8	0.59	0.06	13.8	0.245	0.36	3.3
C333071		1.1	1.5	<0.002	0.01	<0.05	0.2	2	<0.2	2.2	<0.05	<0.05	0.4	0.007	<0.02	0.3
C333072		2	275	<0.002	0.02	1.01	12.9	2	3.7	30.7	0.71	<0.05	16	0.279	0.39	3
C333073		2.3	242	<0.002	0.06	1.12	16.7	3	3.8	26.7	0.45	0.14	16.4	0.295	0.43	3.9
C333074		3.1	263	<0.002	0.02	1.03	11.8	2	3.3	48.5	0.59	0.05	17.7	0.271	0.41	2.5
C333075		2.9	224	<0.002	0.01	0.96	11.2	2	2.8	37.9	0.53	<0.05	14.8	0.226	0.39	2.5
C333076		2.2	224	<0.002	0.01	1.01	10.8	2	2.9	34.5	0.59	<0.05	14.1	0.252	0.39	3
C333077		2.6	248	<0.002	0.01	1.13	11.1	2	3.3	30.9	0.62	<0.05	16	0.287	0.49	3.5
C333078		1.9	254	<0.002	0.02	1	12	2	3.4	27.6	0.58	0.05	15.3	0.268	0.43	3.2
C333079		1.8	233	<0.002	0.02	0.92	10.6	2	3.1	26.6	0.63	0.09	14.8	0.256	0.34	3.7

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C333040		103	3.6	12.9	9	69.9	
C333041		92	3.9	15	15	69.5	
C333042		81	4.3	14	13	68.4	
C333043		91	4.2	14.2	13	61.3	
C333044		99	3.6	12.6	17	49.7	
C333045		76	3	12.2	11	56.5	
C333046		82	3.6	16.9	19	58.4	
C333047		75	3.6	14.9	19	61.4	
C333048		88	3.9	13.4	14	59.7	
C333049		251	3.1	34.5	42	128	0.20
C333050		78	3	13.5	12	47.8	
C333051		73	3.8	8.6	7	49.4	
C333052		81	4.6	15.5	9	58.3	
C333053		65	5.5	16.2	8	58.2	
C333054		64	5.6	16.5	6	56.1	
C333055		62	5.7	17.1	6	56.6	
C333056		62	5.7	18.1	5	58.4	
C333057		72	6	16.6	5	59.9	
C333058		73	6.1	15.9	4	58.7	
C333059		83	6.4	18	4	58.3	
C333060		81	6.4	15.3	3	53.2	
C333061		85	5.2	13.2	5	51.4	
C333062		66	5.4	14.8	5	56.4	
C333063		68	5.2	14.8	7	57	
C333064		69	5	16.7	2	58.7	
C333065		72	5.2	16.7	3	60.8	
C333066		73	5.2	16.8	3	58.9	
C333067		73	4.6	18.2	3	61.2	
C333068		76	4.8	18.4	2	64.9	
C333069		66	5	15.2	5	56.8	
C333070		61	3.9	14.6	4	54.1	
C333071		1	<0.1	2	4	22.4	
C333072		72	4.3	18.2	3	62.6	
C333073		97	5	14.8	14	63.9	
C333074		67	5.5	17	5	65.7	
C333075		57	4.2	15.2	4	55.7	
C333076		62	3.7	14.6	4	58.3	
C333077		69	4.7	14.9	5	60.1	
C333078		69	4.3	17.5	4	56.7	
C333079		63	4.1	14	4	56.1	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125751

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
C333080	3.24	<0.005	0.03	8.2	2	1180	3.02	0.12	3.64	<0.02	42.2	13.7	42	2.74	1.2
C333081	1.88	<0.005	0.04	7.96	2.2	1230	3.36	0.08	3.62	<0.02	144	12.7	41	3.05	1
C333082	1.62	<0.005	0.03	8.05	2.3	1080	3.4	0.08	3.01	<0.02	114.5	11.9	44	2.96	1.2
C333083	3.54	0.005	0.04	7.74	1.7	980	3	0.18	3.27	<0.02	154.5	13.2	41	2.78	1
C333084	2.88	<0.005	0.05	7.93	1.6	1040	3.05	0.06	3.55	<0.02	187.5	14.1	41	2.75	2.2
C333085	1.62	0.011	0.31	7.05	2.7	1290	2.57	0.13	3.28	<0.02	139	14	36	2.68	39.6
C333086	0.06	<0.005	0.03	0.08	<0.2	20	<0.05	<0.01	0.02	<0.02	3.28	0.1	1	<0.05	1.2
C333087	3.82	0.008	0.09	7.4	3.5	1060	1.07	0.3	3.29	0.04	120.5	16.5	43	1.49	5.9
C333088	2.84	<0.005	0.05	7.12	4.1	600	0.83	0.1	5.06	0.02	74.1	9.6	22	0.98	4.6
C333089	1.88	0.011	0.12	7.6	5.8	350	0.64	0.12	4.9	<0.02	173.5	9.9	26	0.79	3.7
C333090	3.14	<0.005	0.08	7.69	6.8	130	0.83	0.24	5.74	<0.02	60.9	33.1	37	0.82	3
C333091	1.80	<0.005	0.05	7.39	2.6	40	0.68	0.02	5.97	0.02	87	4.8	31	0.6	1.9
C333092	3.28	0.006	0.07	7.11	3	1020	0.73	0.05	6.5	<0.02	71.3	8.5	27	1.29	1.3
C333093	0.08	0.979	39.9	4.84	1405	530	0.58	36.6	7.15	0.8	28	46.7	287	1.32	4810
C333094	2.48	<0.005	0.21	7.21	9.2	580	1.17	0.42	5.42	0.02	59.2	36.9	36	2.26	3.9
C333095	1.00	<0.005	0.12	6.35	5.2	50	0.5	0.15	6.01	<0.02	77.2	23.2	30	0.46	1.6
C333096	1.10	<0.005	0.15	6.43	4.9	60	0.56	0.11	6.21	<0.02	97.2	13.1	25	0.57	1.5
C333097	2.82	<0.005	0.08	7.64	1.5	30	0.63	0.07	6.32	0.04	87.7	13.8	22	0.5	1.8
C333098	2.00	<0.005	0.04	6.87	1.9	30	0.72	0.05	6.83	<0.02	73.3	13.9	25	0.75	2.4
C333099	1.68	0.006	0.09	7.52	3.8	110	0.9	0.25	6.04	<0.02	88.7	36.4	31	0.96	3.1
C333100	2.48	<0.005	0.14	7.67	5.7	30	1.05	0.49	7.23	<0.02	55.1	83.5	33	0.75	5.6
C333101	1.94	<0.005	0.04	7.69	1.8	40	1	0.04	6.77	<0.02	116	7.6	38	0.55	4.7
C333102	2.40	0.016	0.29	7.37	14.1	140	0.72	0.77	5.05	<0.02	318	107	33	0.68	4.3
C333103	2.30	<0.005	0.04	6.95	1.6	80	0.79	0.09	7.24	<0.02	101.5	19.1	23	0.57	2.1
C333104	1.96	<0.005	0.03	7.19	3.8	20	0.53	0.06	5.86	<0.02	107.5	7.5	29	0.28	0.8
C333105	2.24	0.006	0.03	6.45	1.9	30	0.55	0.05	6.48	<0.02	189	7.2	28	0.24	0.9
C333106	2.08	<0.005	0.03	6.65	2.2	50	0.52	0.05	6.11	<0.02	86	9.2	27	0.27	1.2
C333107	1.98	<0.005	0.04	6.84	1.7	30	0.56	0.04	6.29	<0.02	82.2	5.2	31	0.34	1.1
C333108	2.58	<0.005	0.02	7	0.6	20	0.45	0.03	6.04	<0.02	31.9	5.6	30	0.14	1.4
C333109	2.12	<0.005	0.04	7.86	1.5	60	0.56	0.04	6.43	<0.02	63.5	6.7	29	0.48	1.5
C333110	0.06	0.852	43.5	5.26	1495	580	1.01	39.2	7.69	0.77	30.7	51.5	312	1.44	4990
C333111	1.36	<0.005	0.07	7.84	2.6	20	0.59	0.07	6.39	<0.02	139.5	5	39	0.29	6.6
C333112	1.10	<0.005	0.02	7.66	2.6	20	0.62	0.03	6.67	<0.02	92.5	4.8	32	0.28	1.9
C333113	1.38	<0.005	0.03	9.2	1.6	40	0.59	0.12	3.45	<0.02	26.9	16.2	37	0.27	11
C333114	1.44	0.038	0.03	8.55	2.8	30	0.45	0.1	3.62	<0.02	28.7	15.8	43	0.19	10.9
C333115	0.06	<0.005	0.02	0.07	<0.2	10	<0.05	0.01	0.02	0.02	4.14	0.1	1	<0.05	2.3
C333116	1.30	0.005	0.04	7.9	4.4	70	1.43	0.15	4.85	<0.02	116	32.8	40	0.57	1.2
C333117	1.78	<0.005	0.02	8.01	<0.2	90	2.02	0.04	5.59	<0.02	26.2	6.5	39	0.51	0.5
C333118	1.88	<0.005	0.02	6.83	0.4	50	1.03	0.05	6.63	<0.02	86.3	7.3	30	0.26	1.1
C333119	1.60	<0.005	0.04	7.61	1.3	80	1.55	0.06	5.89	<0.02	47.7	7.8	41	0.59	3.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333080		5.44	21.2	0.15	2.2	0.182	5.32	23.7	17.6	2.11	3530	1.37	0.16	8.6	19.1	750
C333081		6.29	22.6	0.22	2.1	0.257	4.94	80.3	19.2	2.16	3240	1.46	0.05	7.7	19.3	790
C333082		5.98	23.2	0.2	1.9	0.244	4.91	63.1	19.8	1.91	2690	1.28	0.05	5.9	19.4	770
C333083		5.27	21.3	0.21	2	0.202	5.08	84.8	17.4	1.99	3020	1.35	0.08	7.8	17.6	760
C333084		6.42	22.3	0.25	2.1	0.186	4.98	105.5	18.7	2.18	3170	0.98	0.1	7.1	17.5	820
C333085		5.59	20.9	0.21	1.9	0.157	4.7	79.3	18	1.97	3040	1.63	0.06	5.8	16.4	720
C333086		0.04	0.25	0.05	0.6	<0.005	0.02	1.9	2.2	0.01	15	0.06	<0.01	0.2	0.5	30
C333087		6.13	19.95	0.2	1.9	0.038	3.19	71.2	34.1	2.58	2310	3.45	2.27	5	57.6	720
C333088		3.26	18.55	0.13	1.6	0.029	1.43	42.9	16.7	2.69	2830	2.27	4.06	3.9	18.8	540
C333089		3.91	18.6	0.21	1.8	0.034	1.25	105	13.7	2.24	3030	2.15	4.69	5.2	24.9	610
C333090		4.03	24.1	0.13	1.5	0.034	0.57	37.5	13.5	2.68	3690	2.2	5.12	7.7	26.6	820
C333091		3.18	19.3	0.14	1.5	0.039	0.37	52.3	10.9	2.65	4160	3.47	5.2	3.9	10.3	1400
C333092		3.94	18.15	0.11	1	0.048	1.23	45.5	17.9	3.22	4440	9.26	3.81	4	12.4	880
C333093		4.65	14.95	0.24	0.7	0.229	1.55	21	14.2	0.87	1865	760	0.74	2	22.1	600
C333094		6.77	20	0.16	1.5	0.057	2.3	37.3	41.3	3.25	3770	11.25	2.49	5.2	30.2	840
C333095		4.71	19.1	0.14	1.5	0.038	0.31	46.5	11.3	2.65	3730	1.02	4.21	6.1	16.4	1170
C333096		5.17	18	0.16	1.4	0.037	0.37	59.1	12.3	2.82	3860	1.14	4.15	5.2	15.6	1190
C333097		3.18	20.1	0.14	2.7	0.04	0.31	54.1	9.4	2.83	4140	1.74	5.25	4.3	15.3	650
C333098		3.36	22.8	0.12	1.7	0.054	0.31	47.2	9.1	2.99	4650	3.49	4.7	3.6	11.3	890
C333099		3.54	26.3	0.12	1.3	0.055	0.74	60.1	10.6	2.78	3980	11.15	4.7	4.9	14.6	1070
C333100		4.47	31.9	0.14	1.8	0.054	0.31	38.1	10.4	3.14	4530	28.2	5.46	5.6	22.8	1280
C333101		3.16	31.8	0.15	1.7	0.043	0.35	78.7	8.2	2.9	4190	0.57	5.52	8.1	8.7	1060
C333102		4.88	25.5	0.31	1.7	0.042	0.91	206	14.7	2.33	3610	4.53	4.64	5.1	36.8	1110
C333103		3.39	26	0.15	1.5	0.039	0.29	65.5	7.2	3.19	3910	0.92	4.85	3.3	12.2	800
C333104		4.36	20.5	0.16	1.7	0.034	0.15	67	5.2	2.49	3260	1.1	5.32	3.9	10.2	900
C333105		4.16	18.95	0.23	1.4	0.058	0.2	111.5	5.8	2.69	4250	0.86	4.64	4	12.4	850
C333106		4.29	17.8	0.14	1.5	0.043	0.27	51.4	5.7	2.54	3680	0.98	4.66	4.1	15.1	1140
C333107		4.84	17.8	0.15	1.4	0.037	0.33	50.3	4.5	2.59	3410	0.34	4.8	5.9	13.3	1090
C333108		2.99	21.2	0.09	1.7	0.021	0.11	19.9	2.3	2.27	2840	0.46	5.35	6.5	12.1	1210
C333109		3.23	23.6	0.13	1.7	0.048	0.26	40.5	7.3	2.62	3610	0.44	5.68	6.5	12.2	1160
C333110		5	16.2	0.26	0.8	0.265	1.6	23	16.5	0.94	2010	826	0.78	2.1	24.6	670
C333111		4.24	25.2	0.18	1.7	0.044	0.18	83.4	4.8	2.71	3620	2.84	6.08	3.3	10.4	830
C333112		3.77	21.8	0.13	1.5	0.044	0.17	55.7	4.2	2.76	3700	0.78	5.71	4.9	9.5	910
C333113		1.61	32.1	0.07	1.8	0.02	0.19	15.9	2.7	1.38	1680	2.05	7.64	12.9	7.4	820
C333114		1.79	29.5	0.07	1.8	0.015	0.2	15.5	3.6	1.51	1915	1.6	7.26	13.6	7.9	920
C333115		0.02	0.31	0.07	1	<0.005	<0.01	2.3	2.6	0.01	8	0.2	0.02	0.2	0.7	10
C333116		4.25	23.1	0.18	1.9	0.046	0.68	68.7	9.7	2.16	2730	1.76	4.93	8.3	21.7	890
C333117		3.37	20.6	0.09	1.3	0.036	1.13	14.3	5.3	2.32	2720	6.69	4.81	5.7	16.1	810
C333118		4.64	16.6	0.15	1.5	0.043	0.34	50.3	4.8	2.73	3470	1.71	4.71	5.3	17.8	910
C333119		4.49	23.3	0.12	1.8	0.055	1	27.2	7.8	2.47	3320	1.1	4.6	7.9	18.5	1080

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333080		2.1	280	<0.002	0.01	1.19	13.2	2	3.7	23.2	0.73	0.06	17.2	0.293	0.45	3.5
C333081		2.1	275	<0.002	0.01	1.09	13.3	2	3.7	23.8	0.66	<0.05	16.7	0.286	0.44	3
C333082		1.9	277	<0.002	0.01	0.98	13.5	2	3.8	18.6	0.54	<0.05	16	0.28	0.45	2.8
C333083		1.9	255	<0.002	<0.01	1.17	12.6	2	3.4	18.6	0.68	0.09	15.4	0.274	0.44	2.7
C333084		2.1	262	<0.002	0.01	1.1	13.2	2	3.6	19.5	0.61	<0.05	16.9	0.277	0.42	2.9
C333085		3.6	240	<0.002	0.01	1.74	13.4	2	3.9	22.7	0.55	0.08	15.3	0.248	0.44	3.1
C333086		1.3	1	<0.002	0.01	<0.05	0.2	2	0.2	2.1	<0.05	<0.05	0.3	0.007	<0.02	0.2
C333087		2.6	87.6	0.002	0.03	1.11	15.9	2	3.6	34.5	0.42	0.18	15.1	0.197	0.23	4.3
C333088		3.1	39.9	0.002	0.1	0.86	9	2	3.9	35.4	0.28	0.06	11.3	0.144	0.16	4.4
C333089		4.5	31.6	<0.002	0.08	0.99	12.1	2	4	32.2	0.37	0.09	10.8	0.192	0.2	5.9
C333090		3.7	16.2	<0.002	0.56	1.08	11.4	3	5.7	31.4	0.58	0.05	15.4	0.179	0.14	12.3
C333091		2.4	12	<0.002	<0.01	0.91	9.4	1	3.7	32.3	0.28	0.06	14.3	0.107	0.15	6.3
C333092		2.7	38	0.002	0.05	1.02	9.8	2	3.4	40.7	0.27	<0.05	12.6	0.136	0.26	7.4
C333093		71.9	38.5	0.078	0.79	93.3	6.5	6	3.8	311	0.12	4.17	2	0.129	0.29	3
C333094		12.3	65.8	0.009	0.26	1.49	13.8	3	3.8	34.4	0.39	0.09	13.6	0.181	0.48	16
C333095		4.3	12.6	0.005	0.31	1.01	11	2	5.8	27.5	0.39	0.14	12.1	0.149	0.1	13.2
C333096		3.2	15.4	0.004	0.09	0.85	11.5	1	5.6	27.6	0.33	0.15	13.1	0.133	0.12	10.6
C333097		2.9	12.8	0.002	0.12	0.96	17.1	2	3.6	26	0.28	0.05	10.4	0.158	0.11	12.6
C333098		2.7	14.7	0.002	0.11	0.75	15.3	1	4.1	29.5	0.24	<0.05	12.3	0.113	0.1	9.7
C333099		4.4	31.5	0.006	0.58	1.06	12.2	2	5	25.9	0.3	0.07	15.5	0.14	0.13	39.5
C333100		4.3	12.8	0.015	1.48	1.16	16.4	4	5.5	36.3	0.37	0.12	17.4	0.146	0.12	44.9
C333101		3.4	13.6	<0.002	0.05	1.31	13.6	2	8.4	34.9	0.56	0.05	18.2	0.208	0.1	23.4
C333102		4.5	26	0.004	1.83	1.22	12.2	6	4.6	32.2	0.34	0.63	17.5	0.134	0.14	32.1
C333103		2.1	10.4	<0.002	0.26	0.67	13.3	2	3.8	32.6	0.25	<0.05	17.2	0.1	0.06	12.5
C333104		2.1	4.9	<0.002	0.05	0.79	14.3	2	6.3	27.9	0.28	<0.05	12.4	0.15	0.04	7.4
C333105		2.1	6.9	<0.002	0.03	0.69	16.6	2	4.9	28.4	0.27	<0.05	14.5	0.126	0.04	6.2
C333106		1.9	11.7	<0.002	0.08	0.91	17.3	2	6.8	28.1	0.29	0.06	11.2	0.214	0.04	4.3
C333107		1.8	12.3	<0.002	0.01	0.89	14.8	2	7.4	29.5	0.42	0.06	14.3	0.181	0.06	4.4
C333108		1.7	2.8	<0.002	0.07	0.89	8.1	1	6.4	34.3	0.49	0.06	15.2	0.158	0.03	4.8
C333109		2.7	10.1	<0.002	0.06	1.04	12.3	2	6.2	35.9	0.49	0.06	16.6	0.153	0.11	7.1
C333110		78.2	41	0.075	0.84	101	6.5	5	4	340	0.13	4.11	2	0.136	0.27	3.3
C333111		2.3	5.1	<0.002	<0.01	0.82	15.6	2	3.9	33.4	0.27	<0.05	15.6	0.129	0.06	2.7
C333112		2	5.8	<0.002	0.01	0.79	16.5	2	4	33.2	0.36	<0.05	14.3	0.131	0.04	2.7
C333113		3.1	4.5	0.006	0.29	1.79	3.7	2	13.8	20.4	0.92	<0.05	16	0.283	0.05	32.4
C333114		3.4	2.5	0.003	0.35	1.87	3.1	2	13	18.5	0.94	0.06	11.1	0.314	0.04	15.1
C333115		1.8	0.2	<0.002	0.01	0.05	0.4	2	0.2	2.6	<0.05	<0.05	0.7	0.006	<0.02	0.4
C333116		3.8	34.7	<0.002	0.7	0.92	15.4	2	9	36.2	0.58	0.17	14.9	0.222	0.1	4.7
C333117		1.7	45.9	<0.002	<0.01	0.47	13.5	2	7.3	38.9	0.44	0.05	12.2	0.179	0.08	2.8
C333118		2.2	15.5	<0.002	0.02	0.53	12.9	2	4.9	35	0.38	<0.05	12.9	0.147	0.04	3.8
C333119		2.4	51.8	<0.002	0.02	0.76	19.6	2	13.2	31.1	0.58	0.07	15.3	0.222	0.09	4.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C333080		73	5	13.7	3	61.3	
C333081		77	5.1	14.7	3	58.4	
C333082		77	4.9	13.5	3	55.3	
C333083		72	5	12.6	3	57.1	
C333084		74	5.4	13.4	5	58.9	
C333085		70	5.8	11.9	5	53.5	
C333086		1	0.1	1.8	4	21.9	
C333087		117	5.4	11.7	21	54	
C333088		71	4.2	10	12	48	
C333089		91	6.2	11.8	10	59.3	
C333090		137	7.9	10.3	10	48.5	
C333091		83	6.4	10.8	7	46.4	
C333092		69	5.7	9.7	10	32.2	
C333093		69	16.7	11	118	31.5	
C333094		117	5.8	12.3	31	48.5	
C333095		136	10	10.1	11	47.1	
C333096		154	8.9	10.3	12	44.7	
C333097		83	6.7	13	11	93	
C333098		76	6.8	11.2	8	53.9	
C333099		71	6.2	11.5	8	40	
C333100		77	6.4	13.3	7	61.5	
C333101		96	9.4	14.3	4	57.2	
C333102		103	7.7	16.2	6	52.8	
C333103		65	5.4	10.9	4	47.6	
C333104		142	4.7	11.1	3	54.2	
C333105		103	5.7	13.1	3	43.7	
C333106		151	7.5	10.6	3	45.8	
C333107		133	7.1	10.8	3	45.7	
C333108		77	9.9	8.1	2	54.7	
C333109		89	9.9	10.7	4	55.6	
C333110		73	18.4	12	127	24	
C333111		191	3.1	11.8	4	57	
C333112		114	4.4	11.1	4	47.1	
C333113		85	16.7	8.4	3	55	
C333114		96	17.1	6.8	3	57.4	
C333115		<1	0.1	2.5	3	31	
C333116		119	8	13	4	57.3	
C333117		102	3	9.1	<2	41.2	
C333118		97	5.3	11.5	2	46.1	
C333119		160	6	12.9	4	57.4	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333120		1.54	0.008	0.08	6.36	1.5	60	1.13	0.06	6.25	<0.02	82.5	15.8	32	0.43	1.6
C333121		2.00	0.005	0.04	6.54	2.5	40	0.8	0.09	6.58	<0.02	121.5	15.4	33	1.02	6.1
C333122		1.54	0.007	0.12	6.81	1.6	50	1.37	0.08	6.66	<0.02	111	25.6	32	1.41	2.3
C333123		2.02	<0.005	0.02	7.17	1.3	50	0.9	0.04	6.8	<0.02	94.7	10.9	27	0.34	1
C333124		2.56	<0.005	0.03	6.42	3.1	70	0.53	0.08	6.78	0.02	94.6	10.9	26	0.25	1.9
C333125		0.96	<0.005	0.02	6.9	3.5	50	0.67	0.11	5.65	<0.02	47.6	13.1	21	0.33	3.9
C333126		0.78	<0.005	0.04	7.12	2.3	100	0.65	0.07	6.14	<0.02	54.7	10.6	26	0.32	2.6
C333127		2.08	0.005	0.03	6.66	6.8	80	0.69	0.16	5.79	<0.02	145.5	25.5	25	0.54	3.6
C333128		1.68	<0.005	0.03	7.59	14.3	110	1.31	0.27	3.35	<0.02	61	65.9	24	1.08	3.9
C333129		1.96	<0.005	0.05	7.33	5.5	130	0.74	0.19	5.14	<0.02	132.5	24.4	25	0.62	3
C333130		2.24	0.020	0.09	7.01	6.6	60	1	0.55	3.58	<0.02	79.1	25.5	39	0.76	3
C333131		1.48	<0.005	0.06	6.53	6.3	150	0.58	0.17	5.3	<0.02	39.1	22.6	28	0.6	1.4
C333132		1.86	<0.005	0.07	6.78	8.1	160	0.9	0.17	4.04	<0.02	58.6	28.9	32	0.88	1.9
C333133		2.16	<0.005	0.06	6.21	6.3	240	1.05	0.1	4.22	<0.02	229	18.3	35	0.87	1.1
C333134		1.68	0.005	0.06	5.73	4.6	100	0.43	0.06	5.81	<0.02	90.7	7.2	26	0.63	1.1
C333135		2.54	<0.005	0.09	6.32	2.9	80	0.6	0.05	5.42	<0.02	53.8	10.2	33	0.55	3
C333136		1.54	<0.005	0.05	5.24	2.8	990	0.45	0.07	6.57	<0.02	35.8	11.5	25	0.39	2.2
C333137		0.08	0.902	37	4.29	1250	480	0.76	35	6.47	<0.02	24.8	41.5	263	1.17	4180
C333138		2.76	<0.005	0.07	6.3	6.6	610	0.91	0.1	2.97	<0.02	135.5	16.8	33	0.97	2.3
C333139		0.66	0.013	0.08	7.41	5.1	190	3.28	0.22	0.54	<0.02	23.9	35.2	41	1.97	2
C333140		1.86	<0.005	0.06	7.18	6.7	550	1.76	0.09	1.15	<0.02	43.6	26.9	42	2.33	2
C333141		1.92	<0.005	0.06	7.85	6.8	2260	1.17	0.12	3.08	<0.02	40	40.2	37	1.38	2.4
C333142		1.50	0.007	0.1	6.38	23.3	130	0.65	0.22	5.12	<0.02	40.7	55.8	25	0.63	1.6
C333143		1.48	0.013	0.17	7.28	14.6	260	0.75	1.48	2.97	<0.02	79.6	68.9	43	0.92	7
C333144		1.10	0.013	0.18	6.48	62.4	100	0.54	0.7	5.39	<0.02	275	174	24	0.72	7.7
C333145		2.08	<0.005	0.07	7.48	2.9	220	0.62	0.05	4.47	<0.02	21.3	18.9	24	0.3	4.5
C333146		1.28	0.005	0.09	7.6	14.3	250	0.73	0.2	3.77	<0.02	30.2	35	32	0.49	4.9
C333147		0.92	<0.005	0.06	7.05	3.1	930	2.71	0.06	3.66	<0.02	205	15.7	39	3.31	1.6
C333148		0.92	<0.005	0.06	6.91	2.3	950	2.7	0.06	3.95	<0.02	187.5	15.7	37	3.09	1.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333120		6.6	15.5	0.16	1.4	0.051	0.52	48.1	5.4	2.61	3800	4.46	4.08	2.7	29.7	970
C333121		6.25	19	0.19	1.4	0.062	0.46	71.3	10.1	2.99	4020	3.09	4.16	4.8	27	1010
C333122		3.93	19	0.16	1.6	0.071	0.47	65.1	13.8	3.28	3370	1.86	4.24	4.5	24.5	940
C333123		4.28	19.6	0.16	1.3	0.063	0.28	56.2	7.2	2.97	3990	1.1	4.94	3.8	23	610
C333124		3.61	17.2	0.14	1.2	0.068	0.17	55.8	5.8	2.84	4080	0.98	4.66	4.3	14	1150
C333125		3.45	20.7	0.09	1.8	0.048	0.26	27.7	5.9	2.5	3720	3.66	4.92	7.9	16.2	800
C333126		3.17	21.1	0.09	1.9	0.035	0.29	32.2	4.8	2.72	3570	2.79	5.03	9.8	15.9	860
C333127		4.82	20.3	0.13	1.9	0.052	0.44	83	12.5	2.94	3770	1.52	4.21	5.1	33.7	940
C333128		7.13	27.2	0.14	1.9	0.037	0.73	34.8	25	2.64	2310	1.08	3.88	6.7	71.8	800
C333129		3.63	20.7	0.14	2.2	0.035	0.56	75.9	10.2	2.43	3140	3.14	4.87	6.2	23.7	800
C333130		4.56	23.4	0.16	1.9	0.026	0.51	45.2	17.7	2.06	2160	6.66	4.24	4.9	41.9	730
C333131		4.46	18.6	0.13	1.6	0.033	0.7	22.7	13.5	2.63	3350	2.96	3.93	5.9	25.3	600
C333132		5.38	21.3	0.14	1.7	0.028	0.56	34.5	18.9	2.35	2500	1.32	4.05	5.7	42.7	590
C333133		5.83	20	0.3	1.6	0.044	0.73	134	21	2.45	3130	0.62	3.2	4.2	38.2	560
C333134		6.83	16.1	0.19	1.6	0.045	0.3	52.4	9.5	2.33	3370	1.61	3.79	4.6	21.5	1690
C333135		3.21	18.65	0.12	1.8	0.03	0.46	31.9	8.2	2.45	2610	0.72	4.11	5.3	16.5	720
C333136		3.63	13.95	0.1	1.6	0.029	1.1	20.8	7.4	2.83	2980	1.26	3.07	4.7	17.6	660
C333137		4.18	13.65	0.35	0.6	0.191	1.33	18.8	15	0.76	1685	694	0.64	1.8	21	550
C333138		7.03	18.6	0.22	1.5	0.032	2.71	80.7	21	2.08	2110	4.61	1.96	4.8	47.9	650
C333139		13.35	29.9	0.22	2.1	0.04	1.47	12	77.6	3.64	721	14.35	0.81	3.5	118.5	550
C333140		7.25	24.3	0.16	1.7	0.041	2.4	24	32.1	1.87	888	3.32	1.77	3.1	63.4	570
C333141		4.3	25.3	0.14	1.9	0.032	1.32	21.7	19.4	1.96	1480	9.23	4.01	7.5	43.8	1160
C333142		3.36	17.75	0.15	1.7	0.032	0.44	23.8	5.9	2.18	2440	16.2	4.27	5.6	26.8	1000
C333143		4.81	22.5	0.17	1.9	0.022	1.45	46.6	19.4	1.8	1915	7.53	3.85	6.6	46.9	780
C333144		4.97	21	0.34	1.3	0.026	0.56	154.5	7.2	2.03	2630	10.6	4.42	10.7	51.6	2440
C333145		1.95	25.3	0.11	1.6	0.02	0.21	11.8	2.5	1.76	1930	1.84	6.08	11.7	9	970
C333146		2.85	24.8	0.11	1.8	0.023	0.48	17.4	9.4	1.67	2050	5.02	5.58	10.1	24.9	840
C333147		4.83	21	0.27	1.7	0.163	3.75	113	20.2	1.9	3440	3.41	0.47	5.8	17.9	660
C333148		4.9	20.4	0.28	1.8	0.162	4.05	107	18.3	2.01	3690	2.59	0.48	7.4	17.9	650

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333120		2.4	29.3	<0.002	0.22	0.61	11.7	3	3.6	37.2	0.19	0.1	13.3	0.089	0.07	5.5
C333121		2.4	20.2	<0.002	0.14	0.76	15.6	2	4.7	29	0.26	0.07	12.8	0.128	0.08	5.3
C333122		3.5	22.6	<0.002	0.17	0.67	17.9	2	4.3	37.4	0.31	0.07	13.7	0.144	0.09	6
C333123		1.8	13.5	<0.002	0.04	0.61	19.4	2	5.1	33	0.25	<0.05	10.1	0.16	0.04	3.2
C333124		4.1	7.3	<0.002	0.09	0.87	13.8	2	4.6	30.2	0.31	0.05	13.1	0.149	0.03	3.8
C333125		2.2	10.6	0.002	0.11	1.3	16.5	<1	9.9	24.7	0.5	0.07	10.7	0.247	0.03	5
C333126		1.9	12.3	0.003	0.08	1.41	15.6	<1	12.1	28.1	0.62	0.05	12	0.224	0.03	6.3
C333127		1.7	15	0.004	0.17	1.02	19.1	1	5.7	25.2	0.35	0.08	11.7	0.229	0.04	4.1
C333128		1.9	22.6	<0.002	0.53	1.05	20.1	1	3.3	18.9	0.48	0.09	10.3	0.441	0.08	4
C333129		2.4	19.4	<0.002	0.23	1.25	16.9	1	4.3	33.4	0.49	0.06	15.7	0.186	0.07	5.1
C333130		2.9	19.8	0.003	0.32	0.98	13.5	2	3.9	23.8	0.37	0.38	12.4	0.273	0.08	5.7
C333131		2.5	20.7	0.003	0.29	0.98	17.9	1	3.8	23.5	0.46	0.05	10.8	0.196	0.07	3.7
C333132		2.9	17.1	0.01	0.3	0.84	13	1	3.1	22.4	0.4	0.05	10	0.227	0.05	4.2
C333133		2.1	26.7	<0.002	0.11	0.73	18.4	1	3.8	22.8	0.35	<0.05	11.1	0.19	0.09	3.8
C333134		2.3	13	0.002	0.06	0.99	11	1	4.9	31.3	0.3	0.05	12.8	0.115	0.08	4.8
C333135		4.4	19.6	0.002	0.09	1.01	10.1	1	6.4	26.8	0.41	<0.05	13.2	0.185	0.07	4.9
C333136		2.2	32.1	<0.002	0.16	0.88	11.7	1	5.1	47.3	0.33	<0.05	10.9	0.141	0.06	4.5
C333137		70.8	35.1	0.078	0.71	85.6	7.7	4	3.2	279	0.11	3.89	1.5	0.113	0.2	2.6
C333138		2.2	79.7	<0.002	0.1	0.96	14.5	2	2.8	20.8	0.38	<0.05	11.1	0.26	0.19	4.6
C333139		2.1	17.4	0.002	0.05	0.95	19.5	2	3.1	7.6	0.31	0.17	5.7	0.42	0.15	6.4
C333140		2.5	94.2	<0.002	0.12	1.35	17.8	1	3.6	21.6	0.24	0.05	14	0.27	0.27	4
C333141		2.4	48.3	<0.002	0.41	0.9	13.1	2	4.5	58.3	0.45	0.1	12.8	0.205	0.14	4.2
C333142		2	19.2	<0.002	1.08	0.9	11.5	5	5.8	27.7	0.38	0.25	12.7	0.134	0.06	5.4
C333143		3.5	39.7	0.002	1.66	1.24	10.9	3	5.4	22	0.51	0.28	14.9	0.251	0.11	6.6
C333144		2.9	19.1	0.003	2.36	0.9	11.2	5	5.5	32.5	0.41	0.49	13.2	0.12	0.07	8.6
C333145		2.3	5	0.002	0.21	1.71	6.2	2	11	28.4	0.77	0.06	13	0.22	0.03	3.1
C333146		2.9	13.1	0.002	0.67	1.44	7.7	2	9.2	25.5	0.7	0.13	11.4	0.248	0.06	5.2
C333147		2.1	168.5	<0.002	0.03	1.34	13.4	1	4.1	21.6	0.46	<0.05	14.3	0.242	0.46	4.9
C333148		2.6	200	<0.002	0.02	1.41	13.6	2	3.9	23	0.56	<0.05	14.8	0.246	0.45	4.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125751

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C333120		118	3.9	13.4	2	43.4	
C333121		127	8	14.2	4	46.2	
C333122		121	6.2	14.2	7	50.2	
C333123		156	7.2	11.6	4	41.9	
C333124		89	10	11.8	3	39.5	
C333125		138	18.9	10.9	6	58.3	
C333126		129	21.6	11	3	59.3	
C333127		155	12.3	13	6	55.2	
C333128		201	13.9	7.7	11	58.9	
C333129		96	10.6	11.3	5	69	
C333130		151	7.8	11.3	10	60.5	
C333131		87	7.2	9.4	6	50.2	
C333132		106	7.5	8.5	10	52.4	
C333133		148	5.7	12.8	10	45.4	
C333134		151	7.7	11.9	6	43.6	
C333135		117	12.4	8.7	6	52.7	
C333136		64	10.3	7.7	5	45.9	
C333137		59	18.2	9.9	107	17	
C333138		112	5	9.6	14	42.5	
C333139		190	6.4	4.9	48	58.2	
C333140		144	4.3	9.1	20	47.2	
C333141		107	6.2	9.7	11	51.5	
C333142		100	10.2	9.3	4	46	
C333143		111	10.5	9	12	57.2	
C333144		78	10.5	15.7	6	39.5	
C333145		65	22.6	7.7	2	43.8	
C333146		77	17	8.3	5	48.6	
C333147		73	5.1	12.4	3	45.9	
C333148		71	5.2	12.9	3	47.7	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

CERTIFICATE VA07125883

Project: Werneckes

P.O. No.: FRG07-01

This report is for 119 Drill Core samples submitted to our lab in Terrace, BC, Canada on 8-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07125883

Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
Sample Description															
G242001	3.38	<0.005		0.09	8.53	1	980	1.83	0.12	1.96	0.03	80.2	8.1	34	1.16
G242002	6.64	0.008		0.1	7.94	2.2	1600	2.38	0.19	1.97	0.02	38.8	7.6	37	2.66
G242003	5.28	<0.005		0.04	8.02	2.5	1810	3.19	0.07	2.19	<0.02	102.5	14	39	3.93
G242004	4.48	0.006		0.03	7.72	1.9	1290	3.35	0.06	2.21	<0.02	134	7.5	43	3.66
G242005	4.88	0.005		0.08	7.63	0.7	1200	2.92	0.1	2.57	0.02	19.35	2.1	30	1.11
G242006	3.20	0.033		0.11	8.43	0.7	2250	1.2	0.1	1.05	0.02	43.8	4.4	40	1.5
G242007	4.58	<0.005		0.03	7.46	1.3	1460	2.75	0.03	2.73	0.02	78	3.9	31	2.03
G242008	3.54	1.550	1.67	1.7	7	2.1	420	1.03	4.09	1.99	0.04	497	42.8	30	2.21
G242009	2.88	0.068		0.13	7.9	1.5	2220	2.38	0.39	1.48	<0.02	104	8.7	36	3.14
G242010	2.28	0.023		0.05	7.99	1.5	2560	1.6	0.11	2.17	<0.02	294	11.8	40	2.91
G242011	2.72	0.225		0.18	7.15	1.7	3090	0.9	0.36	2.68	0.02	>500	12.9	39	2.16
G242012	2.40	0.449		0.29	7.13	1.4	1100	0.7	0.45	3.64	0.02	>500	18.2	45	1.65
G242013	2.52	0.213		0.27	7.38	1.4	2610	0.99	0.69	2.42	<0.02	>500	6.9	40	2.31
G242014	5.50	0.018		0.05	6.63	1.1	1750	1.28	0.05	4.59	0.02	193	8.6	27	2.07
G242015	4.62	0.081		0.13	7.19	1.5	1910	1.33	0.26	5.7	0.04	97.1	12.7	32	2.22
G242016	0.06	<0.005		0.01	0.06	0.5	10	<0.05	0.01	0.02	0.02	2.92	0.2	1	<0.05
G242017	4.34	0.009		0.06	6.61	1	2870	1.35	0.12	5.85	0.05	82.2	10.7	43	2.36
G242018	4.76	<0.005		0.01	6.92	0.7	2210	1.48	<0.01	6.15	0.02	70.9	5.4	37	2.12
G242019	3.76	0.042		0.08	7.35	1.1	1780	1.74	0.21	4.49	<0.02	53.3	11.1	40	2.4
G242020	3.16	0.180		0.16	7.29	1.2	2350	1.6	0.16	2.79	<0.02	57.6	39.8	46	2.05
G242021	0.08	0.972		34.2	4.15	986	490	0.57	31.8	6.4	0.72	23.7	39.3	259	1.11
G242022	5.06	0.033		0.08	6.69	1.6	2150	1.27	0.2	4.06	0.02	339	14.2	36	2
G242023	3.74	0.089		0.08	6.97	1.1	2040	2.23	0.11	3.19	0.02	59.6	10.8	41	2.4
G242024	4.52	0.006		0.01	6.93	1.2	1970	2.01	0.01	2.94	<0.02	53.7	7	44	2.58
G242025	3.76	<0.005		<0.01	7.71	1.1	1520	2.65	<0.01	3.25	<0.02	60	8.6	37	3.25
G242026	5.58	<0.005		0.01	6.92	1	2260	1.67	<0.01	2.78	<0.02	35.9	7.1	44	2.6
G242027	3.78	0.021		0.02	6.95	0.9	2620	1.12	0.04	3.1	<0.02	62.9	8.6	39	2.52
G242028	4.26	0.303		0.22	7.93	1.4	2990	0.35	0.3	0.5	<0.02	22.7	11.6	47	1.08
G242029	2.52	0.174		0.15	7.45	12.7	4350	0.55	0.2	1.2	<0.02	38.1	12.1	46	1.44
G242030	2.06	0.309		0.11	7.42	2.4	3310	0.61	0.24	1.32	0.04	206	12.6	31	1.61
G242031	1.12	1.080	1.12	1.05	6.69	0.7	200	0.9	2.99	0.32	<0.02	>500	61.8	29	1.91
G242032	2.22	0.135		0.1	8.07	2	2520	1.86	0.25	0.66	0.02	114	26.4	43	3.96
G242033	0.94	0.142		0.05	7.63	1	2950	1.57	0.1	1.84	0.03	77	10	39	2.87
G242034	1.14	0.122		0.06	7.65	0.7	2290	1.71	0.1	1.49	0.03	93.2	8	37	2.91
G242035	3.06	0.356		0.32	6.78	1.1	1310	1.34	0.78	3.97	<0.02	62.1	16.3	42	2.02
G242036	2.92	0.144		0.16	6.73	0.8	1300	1.59	0.18	7.78	<0.02	15.8	9.4	29	1.76
G242037	4.72	0.022		<0.01	7.41	0.9	1610	2.71	0.16	2.58	<0.02	23.9	8.7	37	1.93
G242038	2.18	0.009		<0.01	6.46	0.7	1100	1.5	0.2	3.81	<0.02	15.65	7.8	42	1.81
G242039	3.96	0.182		0.01	7.34	1	410	1.5	1.3	2.63	<0.02	39	20.4	38	2.29
G242040	4.54	<0.005		<0.01	6.83	0.8	1100	1.09	0.04	2.67	<0.02	64.3	5.8	33	1.64

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 10-DEC-2007
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CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
G242001		10.9	0.73	20.7	0.15	1.7	0.017	3.18	40.6	3.7	0.2	415	1.13	4.73	7.3	17.9
G242002		16.4	1.59	20.1	0.11	2	0.03	4.26	19.2	10	0.46	456	0.35	2.32	7	27.9
G242003		47.1	2.69	23.7	0.19	1.8	0.054	4.34	54.5	17.6	0.71	575	0.32	1.64	6.6	50
G242004		75.6	5.01	25.5	0.23	1.5	0.051	3.43	69.5	13.6	0.53	493	0.29	2.22	3.9	52.7
G242005		536	0.67	16.4	0.1	1.5	0.019	3.24	9.1	3.2	0.15	483	0.35	4.38	5.9	13.8
G242006		353	0.83	20.3	0.11	1.8	0.017	5.78	24.3	3.7	0.43	246	11.05	2.25	7.7	24.7
G242007		234	0.87	17.6	0.14	1.5	0.026	4.16	40.7	7.8	0.43	566	0.47	2.84	5.8	23.9
G242008		>10000	5.41	17.6	0.57	1.5	0.374	5.54	300	8	0.52	498	3.63	1.02	5.2	42.5
G242009		3150	1.2	18.3	0.17	2.3	0.051	5.72	59.6	10.6	0.52	355	12.65	1.15	9.1	21.5
G242010		1030	1.24	24.3	0.3	2.2	0.042	6.95	177	12.9	0.7	526	1.24	0.81	9.1	27.9
G242011		7830	1.75	24.2	0.63	1.8	0.077	5.78	440	9.9	0.66	668	3.18	0.72	7	27.8
G242012		>10000	2.32	21.2	0.72	1.7	0.132	5.78	500	7.4	0.64	846	2.54	0.94	6.1	30
G242013		>10000	1.72	25	0.82	2.1	0.109	5.64	560	6.9	0.47	608	7.47	0.88	7.7	21.6
G242014		825	0.82	15	0.27	1.5	0.028	5	115	7	0.54	922	0.65	1.57	6.7	18.1
G242015		2330	1.82	17.8	0.2	1.9	0.042	5.21	55.5	8.3	0.97	1315	3.26	1.51	7.1	22.1
G242016		8.7	0.02	0.22	0.08	0.8	<0.005	0.01	1.8	1.9	0.01	8	0.2	0.01	0.2	0.4
G242017		873	1.2	18.8	0.1	1.4	0.026	4.32	45.6	10.8	0.82	1090	3.09	1.45	7.4	22.7
G242018		250	0.92	20.8	0.24	1.7	0.022	4.19	36.4	8.6	0.61	1090	1.7	1.42	7.7	18.9
G242019		4620	1.63	22.8	0.21	1.7	0.048	4.19	28.1	13.6	0.81	820	5.28	1.34	7.5	29.7
G242020		5320	1.85	21.7	0.2	1.5	0.057	4.15	29.8	12.1	0.69	503	6.37	0.92	7.6	30.3
G242021		4140	4.12	12.65	0.32	0.6	0.199	1.38	17.3	2.2	0.76	1675	675	0.64	1.6	17.1
G242022		2040	1.44	19.6	0.33	1.5	0.045	4.52	223	9.2	0.68	726	8.43	1.05	6.6	25.1
G242023		3450	1.25	18.45	0.17	1.6	0.038	4.66	32.7	9.8	0.61	679	3.4	1.33	7.7	20.6
G242024		520	1.07	20.5	0.17	1.7	0.021	4.24	27.3	11.5	0.64	599	2.65	1.43	8.5	22.2
G242025		157	1.23	18.9	0.18	1.5	0.017	4.69	31.8	15.5	0.87	677	0.4	2.04	7.4	23.7
G242026		217	1.02	21.3	0.17	1.7	0.02	4.42	17.4	11.1	0.62	584	0.38	1.08	8.6	26.4
G242027		1170	1.08	23.2	0.2	1.6	0.029	4.46	32.7	11.4	0.61	643	3.48	1.06	8.9	24.8
G242028		9260	2.1	22	0.15	1.4	0.074	5	12.8	3.9	0.72	163	36.5	0.87	4.2	31.6
G242029		7380	1.63	22.5	0.14	1.8	0.056	4.44	21.6	5.5	0.66	308	82.1	0.84	7.5	29.5
G242030		9040	1.53	17.9	0.28	1.8	0.073	5.08	129.5	7.9	0.5	305	12.5	0.89	6.1	29.2
G242031		>10000	6.89	23.6	1.23	1.4	0.478	4.59	890	10.8	0.44	119	7.15	1.19	2.8	42.8
G242032		5680	1.71	24	0.18	2.1	0.063	4.96	73.4	13.1	0.68	312	3.67	1.04	7.2	39.8
G242033		4820	1.24	22.1	0.19	1.7	0.053	5.22	46.6	8	0.46	381	4.99	1.67	6.6	24
G242034		5150	1.18	23.2	0.17	1.7	0.057	4.87	55.4	7.3	0.37	310	4.54	1.75	6.1	20.2
G242035		>10000	2.64	17.15	0.17	1.4	0.124	3.6	38.3	5.8	0.78	833	160.5	1.89	6.1	28.1
G242036		4790	1.38	15.7	0.09	1.5	0.045	4.08	8.6	5.2	0.64	1190	31.1	1.69	8.1	19
G242037		763	1.13	17.55	0.13	2.2	0.027	4.66	12.1	9.5	0.69	519	10.65	2.08	8.9	22
G242038		602	0.96	17.6	0.12	1.9	0.043	4.06	7.4	7.4	0.48	739	5.26	2.36	8.9	15.9
G242039		761	1.92	19.15	0.12	1.8	0.071	2.12	19.9	13.7	1.15	742	10.15	2.88	6.5	29
G242040		262	1.02	18.5	0.16	1.6	0.04	3.85	32.4	7.2	0.6	681	0.62	2.17	7.4	18.3

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
G242001	260	3.1	96.6	<0.002	0.05	0.56	4.8	1	1.5	57.9	0.58	0.13	9.5	0.123	0.2
G242002	520	2.7	168	<0.002	0.02	0.7	7.7	1	2.4	59.8	0.5	0.13	13.6	0.173	0.28
G242003	640	2.9	213	<0.002	0.05	0.85	11.1	1	2.8	61.6	0.51	0.06	16.2	0.18	0.34
G242004	600	2.3	173	<0.002	0.03	0.58	9.3	1	2.1	59.1	0.28	<0.05	14.9	0.114	0.26
G242005	300	3.9	96.8	<0.002	0.03	0.52	4.3	1	1.3	64.4	0.42	0.07	10.6	0.106	0.19
G242006	540	9.2	172.5	<0.002	0.02	0.6	8.6	1	2	76.6	0.57	0.06	13.3	0.17	0.3
G242007	590	5.4	132	<0.002	0.01	0.59	8.3	1	1.5	69.1	0.45	<0.05	14.1	0.125	0.28
G242008	590	15.3	171.5	<0.002	3.86	1.25	7.5	13	3.9	76	0.39	4.69	16.9	0.121	0.38
G242009	560	6.7	222	<0.002	0.29	1.07	8.1	2	2.4	71.3	0.63	0.31	16	0.178	0.41
G242010	600	3.1	224	<0.002	0.1	0.91	11.1	2	3.6	68	0.68	0.13	16.3	0.221	0.39
G242011	590	4	154	<0.002	0.78	0.77	11.6	4	3.2	83.3	0.53	0.61	22	0.168	0.35
G242012	430	4.9	159	<0.002	1.43	0.54	9.7	6	2.5	93.6	0.47	1.14	27.5	0.13	0.31
G242013	540	6.8	159	<0.002	0.91	0.66	12.1	5	3.4	80.8	0.57	0.91	37.3	0.155	0.37
G242014	450	3.8	156.5	<0.002	0.1	0.49	7.1	1	1.5	82.6	0.51	0.07	15.4	0.13	0.25
G242015	550	3.4	166.5	<0.002	0.22	0.53	11.1	2	2.1	97.6	0.5	0.32	13.8	0.131	0.29
G242016	<10	1	0.6	<0.002	0.01	<0.05	0.2	1	0.2	2	<0.05	<0.05	0.3	0.005	<0.02
G242017	550	3.2	141	<0.002	0.09	0.78	12	1	2.6	114.5	0.56	0.12	13.2	0.179	0.32
G242018	470	3.5	131	<0.002	0.03	0.59	12.6	<1	2.5	102.5	0.63	<0.05	16	0.179	0.38
G242019	620	4	154	<0.002	0.25	0.67	12.6	3	3.3	93.1	0.6	0.43	17.9	0.193	0.38
G242020	540	3.1	137.5	<0.002	0.48	0.68	11.2	5	3.4	87.7	0.63	0.54	15.2	0.212	0.38
G242021	530	64.3	30.9	0.072	0.67	82.9	5.7	5	9.5	267	0.09	3.41	1.3	0.116	0.23
G242022	440	3.4	151.5	<0.002	0.06	0.65	11.6	2	2.5	99.2	0.53	0.24	13.3	0.177	0.32
G242023	540	3	154	<0.002	0.17	0.61	10.8	1	2.2	84.4	0.61	0.24	11.9	0.178	0.42
G242024	490	2.5	136.5	<0.002	0.02	0.71	11.3	<1	2.7	81.4	0.71	<0.05	11.9	0.205	0.41
G242025	530	2.3	185	<0.002	0.01	0.74	11.3	<1	1.8	87.7	0.62	<0.05	16	0.177	0.38
G242026	590	2.6	140.5	<0.002	0.01	0.69	11.7	<1	2.7	86.5	0.69	<0.05	12.4	0.211	0.44
G242027	580	3.1	145.5	<0.002	0.03	0.75	11.4	<1	3.7	91.4	0.68	0.07	13.3	0.2	0.41
G242028	940	5.4	127	<0.002	0.06	0.46	14.1	3	1.9	117.5	0.31	0.83	6.3	0.12	0.31
G242029	810	4.3	130	<0.002	0.22	0.67	12.4	3	2.6	130.5	0.56	0.86	7.7	0.161	0.36
G242030	1240	5.7	127	0.002	0.79	0.62	7.4	5	2.3	94.3	0.51	0.76	10.3	0.122	0.39
G242031	590	13.7	151	<0.002	3.9	1.17	11.4	45	5.3	77.3	0.24	5.45	11.9	0.076	0.35
G242032	610	3.8	180	<0.002	0.57	0.82	12.3	3	3.8	75.4	0.56	0.57	17.8	0.176	0.53
G242033	570	3.6	175	<0.002	0.4	0.57	12	3	3.2	103	0.53	0.37	16.9	0.155	0.38
G242034	550	3.4	158.5	<0.002	0.38	0.55	11.8	3	3.3	82.8	0.47	0.45	15.9	0.149	0.38
G242035	450	5.4	123	<0.002	0.94	0.62	12.8	10	2.3	101	0.47	1.51	22.7	0.124	0.27
G242036	510	2.6	137	<0.002	0.26	0.46	11	3	1.9	119.5	0.58	0.84	14.6	0.14	0.26
G242037	520	3.2	161.5	<0.002	0.03	0.56	10.3	<1	1.8	85.6	0.68	0.17	19.2	0.175	0.3
G242038	510	3.2	118.5	<0.002	0.04	0.64	10	<1	2.1	59	0.68	0.19	11.9	0.174	0.3
G242039	560	3.4	114.5	<0.002	0.16	0.63	10.9	1	1.7	46.9	0.52	0.82	16.2	0.141	0.28
G242040	810	2.6	125.5	<0.002	0.01	0.56	10.5	<1	1.7	57	0.53	<0.05	11.9	0.148	0.31

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
G242001		1.1	48	29.4	7.2	5	50.9	
G242002		1.5	60	7.1	14.7	8	61.4	
G242003		1.4	97	7.4	21.4	10	52.3	
G242004		1.1	113	6.2	18	7	42.8	
G242005		0.9	34	5.6	12.5	5	45.4	
G242006		1.3	61	5.5	7.2	7	51.3	
G242007		0.9	45	3.5	16.1	8	43.7	
G242008		15.5	36	4.2	17.2	2	44.9	4.19
G242009		3.4	41	5	14	3	68.8	
G242010		1.6	79	5.4	14.7	7	62.1	
G242011		1.4	59	5.8	16.8	12	51.3	
G242012		2.1	50	5.1	17.5	7	52	1.530
G242013		3.4	48	5.5	18.2	13	60.7	1.205
G242014		1.7	28	4.4	11	8	44.8	
G242015		1.7	79	4.9	13.9	6	58.1	
G242016		0.2	<1	0.1	1.6	3	23.5	
G242017		1.2	41	6.1	16.7	13	42.7	
G242018		1.3	48	5.5	18.5	10	49.2	
G242019		2.6	53	5.1	18	13	52.6	
G242020		2.7	53	5.6	14.1	11	46.9	
G242021		2.6	58	15.6	9.9	110	20.2	
G242022		2.2	46	6	19.6	12	43.7	
G242023		2	41	6.2	12	11	48.7	
G242024		1	53	6.7	11.1	10	51.1	
G242025		2	44	4.6	13	10	47	
G242026		1.2	57	5.3	11.5	9	53.1	
G242027		1.4	53	7.2	12.8	12	51.7	
G242028		5	81	2.5	10	14	43.2	
G242029		3	73	4.1	11.1	13	57.6	
G242030		5.9	39	4	14.6	19	56.4	
G242031		7.1	39	2.2	26.9	12	45.5	7.21
G242032		2	53	3.4	14.3	14	64.4	
G242033		1.2	53	3.3	14.1	9	53.1	
G242034		1.3	55	3	14.2	9	53.1	
G242035		3.7	56	3	15.3	10	41.7	2.00
G242036		2.7	48	3.1	17.5	7	46.2	
G242037		1.9	46	3.8	14.4	10	65.4	
G242038		1.4	42	4.3	10.4	9	60.3	
G242039		1.4	50	2.9	8.7	16	54.3	
G242040		1	44	3.4	8.4	10	50.2	

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CERTIFICATE OF ANALYSIS VA07125883

Method / Analyte / Units / LOR — Sample Description	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
G242041	4.60	0.025		0.04	6.97	0.8	1730	1.22	0.21	4.98	0.03	60.8	8.2	35	2.01
G242042	4.00	0.043		0.09	7.67	1.2	1720	2.25	0.22	2.45	0.03	29.3	7.2	42	2.87
G242043	4.98	0.006		0.04	6.54	0.2	1830	0.87	0.03	7.48	0.02	48.1	5.5	30	2.23
G242044	4.44	0.056		0.07	6.75	0.7	1790	0.72	0.26	8.36	<0.02	58.4	8	36	1.64
G242045	5.32	0.013		0.04	6.71	0.8	2100	0.85	0.08	7.25	<0.02	92.8	6.9	38	1.62
G242046	4.42	0.006		0.04	7.18	1	2210	1.14	<0.01	4.71	<0.02	89.3	6.8	40	2.36
G242047	5.08	<0.005		0.05	6.72	0.8	3600	1.1	0.01	3.72	<0.02	118.5	5.9	43	2.77
G242048	2.62	<0.005		0.18	7.16	<0.2	770	0.83	<0.01	7.45	0.05	304	5.9	29	1.19
G242049	3.14	0.085		0.1	8.01	2.5	60	2.48	0.42	1.18	<0.02	118	32.1	48	0.5
G242050	2.18	0.010		0.05	7.05	0.8	60	0.52	0.02	1.66	<0.02	26.5	16.3	38	0.41
G242051	5.72	0.013		0.91	7.67	0.8	380	0.83	0.07	3.69	<0.02	135	12.2	38	1.47
G242052	4.56	0.029		0.05	7.74	1.6	730	1.52	0.19	2.25	0.03	>500	17.4	37	2.48
G242053	2.68	0.376		0.13	7.09	3.8	40	1.89	1.94	1.86	<0.02	45.7	124	41	4.76
G242054	1.88	0.018		0.07	7.46	2.2	670	1.03	0.21	3.56	0.02	20.7	52.7	40	5.62
G242055	4.42	<0.005		0.04	7.39	1	130	1.74	<0.01	5.25	<0.02	21.1	12	39	3.9
G242056	1.46	0.035		0.05	7.25	2.6	200	0.96	0.38	1.68	<0.02	51.8	30.2	37	1.56
G242057	3.44	1.085	1.19	0.08	8.35	8.3	50	1.43	5.58	5	<0.02	193.5	406	29	3.23
G242058	5.64	0.325		0.05	9.19	4.8	70	1.36	2.3	3.47	<0.02	140.5	144	48	3.44
G242059	2.32	0.041		0.03	7.48	1.2	200	0.96	0.21	4.98	<0.02	222	32.2	30	2.24
G242060	6.80	0.035		0.02	8.27	1.9	140	1.23	0.21	4.54	<0.02	>500	33.1	40	2.72
G242061	7.12	0.052		0.03	8.34	1.4	400	0.93	0.26	1.2	<0.02	111.5	36.2	44	2.97
G242062	7.02	<0.005		0.02	7.89	0.9	970	0.87	0.01	1.13	0.03	52.8	8.1	41	2.5
G242063	0.04	<0.005		0.02	0.11	0.3	70	<0.05	<0.01	0.03	<0.02	32.2	0.6	1	<0.05
G242064	5.74	0.006		0.3	7.91	0.9	1070	1.17	0.1	2.32	0.04	146.5	10.4	41	2.36
G242065	7.26	0.019		1.02	7.69	1	1210	0.83	0.2	1.62	0.03	42.4	12.8	40	1.79
G242066	6.78	<0.005		0.08	8.13	0.6	1250	1.32	0.05	1.58	0.03	52.5	7	41	1.9
G242067	0.08	0.914		34.9	4.49	1350	490	0.67	29.6	6.73	0.7	23.1	41.6	257	1.05
G242068	7.34	0.042		0.08	7.26	1.1	690	1.63	0.17	6.08	0.02	60.5	8.3	30	1.81
G242069	6.66	<0.005		0.03	7.61	0.7	1430	1.66	0.03	2.89	<0.02	27.3	5.9	39	1.74
G242070	5.30	<0.005		0.02	7.88	0.9	1750	2.61	0.03	1.52	<0.02	104	8.6	42	2.65
G242071	3.02	<0.005		0.03	8.38	0.6	1910	2.81	0.02	1.56	<0.02	58.3	7.3	46	2.47
G242072	8.14	<0.005		0.03	7.81	0.7	1300	2.43	0.02	2.03	<0.02	91.1	9.3	43	2.7
C286554	4.96	<0.005		0.03	6.66	4.6	560	2.48	0.43	0.77	<0.02	28.2	30.1	49	5.15
C286555	6.32	<0.005		0.08	7.21	5.3	340	2.05	0.16	0.81	<0.02	26.2	22.9	44	2.67
C286556	7.60	<0.005		0.05	7.81	4.1	150	2.08	0.27	0.67	<0.02	29.8	39.4	54	1.36
C286557	5.62	<0.005		0.02	6.98	2	290	2.36	0.12	0.58	<0.02	13.5	13.9	59	2.27
C286558	5.24	<0.005		0.04	6.93	4	160	1.91	0.12	0.77	0.02	50.3	19.8	53	1.21
C286559	4.18	0.005		0.03	6.45	3.6	50	1.46	0.17	1.12	<0.02	42	41.8	46	0.49
C286560	7.26	<0.005		0.02	7.94	2.5	360	2.34	0.16	0.57	<0.02	89.5	25.1	57	3.21
C286561	7.48	<0.005		0.06	8.68	3	510	2.95	0.18	0.52	<0.02	68.3	18.4	65	4.76

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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212 Brooksbank Avenue
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
G242041		1020	1.25	20.2	0.11	2	0.034	4.22	29.5	8.7	0.84	1140	3.6	1.27	7.5	24.7
G242042		1910	1.17	20.6	0.1	1.9	0.038	4.85	13.5	10.2	0.62	535	2.97	1.97	7.8	24.5
G242043		213	0.87	19.45	0.09	1.8	0.024	4.63	24.1	6	0.54	1285	1.04	0.84	7.9	18.3
G242044		2310	1.27	22.3	0.11	1.7	0.033	4.3	29.5	4.3	0.76	1310	32.5	1.11	6.7	28
G242045		764	1.12	20.3	0.12	1.5	0.023	4.51	46.8	4.6	0.74	1110	16.25	0.91	7.6	24.6
G242046		37	1.17	23	0.14	2	0.023	5.49	44.3	7.8	0.81	893	0.83	0.96	9	27.8
G242047		30.1	1.05	23.1	0.13	2	0.028	4.26	57.1	8.2	0.66	855	0.81	0.66	10.2	21.6
G242048		78.4	1.03	17.8	0.2	1.5	0.029	2.23	154	5.6	0.72	1700	0.46	2.9	8.1	23.2
G242049		490	2.09	22.4	0.1	2	0.017	0.11	58.1	10.9	1.35	450	13.5	5.13	5.8	42.4
G242050		151	1.79	22.9	0.05	1.8	0.013	0.13	13	9.9	1.47	532	4.57	4.13	6.2	40.5
G242051		597	1.71	20.6	0.11	2	0.034	1.65	69.2	13.3	1.23	992	2.87	3.85	6.2	31.2
G242052		622	2	24.4	0.43	1.7	0.041	2.74	361	18.3	1.37	822	2.24	3.21	4.5	40
G242053		948	8.48	38.7	0.21	2	0.039	0.13	23.8	72.1	6.94	1685	8.65	1.69	5.4	170.5
G242054		429	6.51	35.8	0.13	2.4	0.048	1.16	10	61.4	5.72	1910	4.84	1.38	6.7	125
G242055		15.4	4.62	28	0.1	1.8	0.03	0.51	9.4	40.4	4.32	1405	2.22	2.2	4.5	97.4
G242056		14.9	2.92	22.6	0.09	2.4	0.021	0.65	24.9	23.4	2.5	757	49	3.4	3.5	61
G242057		36.3	7.18	28.5	0.24	1.7	0.016	0.1	91.7	43.3	4.46	1490	15.9	3.41	3.6	181.5
G242058		56.7	6.05	35.7	0.15	1.8	0.019	0.09	63.5	44.1	4.63	1335	100.5	3.92	5.7	148.5
G242059		41.9	3.75	26.3	0.16	1.6	0.033	0.81	101	30.9	3.26	1095	12.4	2.62	5.6	81.6
G242060		67.2	4.84	34.5	0.39	1.9	0.045	0.57	298	39	4.29	1365	9.29	3.23	7.1	110.5
G242061		46.5	3.2	26.3	0.1	2.4	0.023	1.29	45.9	28.3	2.55	798	49.6	4.18	7	75.2
G242062		46.5	2.19	22.8	0.09	2.4	0.032	3.46	22.1	21.7	1.68	651	2.5	2.82	6.4	46.2
G242063		1.9	0.08	0.35	<0.05	0.9	<0.005	0.02	15.2	2.3	0.02	10	0.13	0.03	0.2	1.2
G242064		59.4	1.39	21.9	0.09	2.5	0.041	4.04	63.4	16.1	0.95	723	2.34	2.99	9.4	30.3
G242065		45.1	1.6	20.6	0.07	2.4	0.03	4.33	18.3	17.1	1.1	631	5.08	2.49	7.7	36.7
G242066		39.3	1.34	21.2	0.07	2	0.032	4.26	26.9	11.3	0.9	558	2.36	2.59	6.4	25.9
G242067		4340	4.37	13.05	0.58	0.7	0.195	1.4	16.8	11.7	0.8	1790	686	0.68	1.5	19.9
G242068		298	1.68	17	0.16	1.7	0.029	2.36	34.3	12.3	1.21	1350	3.83	2.73	5.8	27.4
G242069		35.1	1.32	20.3	0.09	1.9	0.031	4.55	14.2	10.1	0.84	729	1.42	1.99	8.5	24
G242070		52.8	1.79	21.9	0.13	2.6	0.038	4.87	64.1	13.1	0.81	488	0.6	1.41	10.1	24.3
G242071		22	1.4	23.1	0.09	2.4	0.045	5.42	37.2	10	0.57	402	0.48	1.19	8.3	17.4
G242072		38	2.14	23.4	0.15	2.3	0.042	4.53	54	15.5	0.91	586	0.71	1.83	9.2	28.1
C286554		187.5	1.57	17.85	0.06	0.5	0.05	1.59	14.6	8.4	0.39	478	0.34	2.11	5.7	16.4
C286555		92.9	1.22	16.1	0.06	0.5	0.044	0.98	13.4	7.7	0.31	669	1.19	3.82	4	16.1
C286556		20.3	1.05	16.25	0.05	0.5	0.026	0.5	15.4	8.4	0.21	375	0.71	5.15	2.8	13.9
C286557		15.7	0.91	17.6	<0.05	0.6	0.029	0.85	6.9	6.3	0.23	305	0.66	3.97	4.9	12.3
C286558		43.2	1.08	16.05	0.08	0.7	0.027	0.55	25.9	8.5	0.24	461	1.45	5.01	5	10.2
C286559		15.6	1.45	11.85	0.08	0.7	0.014	0.13	22.1	8.7	0.34	723	0.85	4.66	3.3	12.3
C286560		53.2	1.05	21.4	0.13	0.7	0.039	1.15	47	6.6	0.27	406	1.62	4.3	5	13
C286561		47.3	0.93	23.9	0.1	1.2	0.045	1.46	35.6	6	0.24	303	3.19	4.69	6.5	12.2

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700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
G242041	800	3.9	158.5	<0.002	0.06	0.72	11.1	<1	2.1	96.8	0.55	0.13	17	0.152	0.36
G242042	530	4.1	172	<0.002	0.09	0.7	10	1	2.4	84.9	0.55	0.2	14.4	0.156	0.47
G242043	420	3.7	166.5	<0.002	<0.01	0.51	11.2	<1	3	104	0.55	<0.05	13	0.159	0.42
G242044	520	4.2	159.5	<0.002	0.15	0.47	14.7	2	2.6	134.5	0.48	0.27	14.1	0.148	0.3
G242045	550	2.9	153.5	<0.002	0.04	0.49	12.9	1	2.7	131	0.54	0.1	17.2	0.166	0.29
G242046	690	2.5	188	<0.002	<0.01	0.74	11.6	<1	3.3	111.5	0.67	<0.05	16.3	0.205	0.35
G242047	690	2.5	150.5	<0.002	0.04	0.82	10.6	<1	4.6	127.5	0.75	<0.05	15.5	0.217	0.44
G242048	480	2.1	82.9	<0.002	<0.01	0.53	9.7	<1	2.1	84	0.55	<0.05	16.9	0.16	0.17
G242049	890	4.7	6	<0.002	0.07	0.48	8.6	1	2.1	52.5	0.41	0.36	17.6	0.134	0.03
G242050	670	2.8	6.4	<0.002	0.02	0.31	11.7	<1	1.6	61.6	0.43	<0.05	19.1	0.129	0.03
G242051	660	3	66.9	<0.002	0.09	0.5	11.2	1	1.8	54.3	0.46	0.07	17.9	0.128	0.16
G242052	710	4.2	101	<0.002	0.09	0.65	12.6	1	1.6	53.8	0.36	0.1	25.9	0.104	0.27
G242053	570	2.9	6.8	<0.002	1.2	0.84	30.3	8	1.3	37.7	0.42	1.31	13.9	0.114	0.09
G242054	560	3	50.9	<0.002	0.22	1.04	25.4	1	2.1	56.7	0.5	0.12	19.8	0.142	0.16
G242055	670	2.5	19.9	<0.002	<0.01	0.48	26.7	<1	1.2	56.7	0.34	<0.05	13.3	0.107	0.08
G242056	1540	18	27.4	0.013	0.11	0.72	10.4	1	1.1	44.1	0.28	0.19	15.5	0.081	0.11
G242057	970	5	6.6	<0.002	3.35	0.56	25.7	12	1.1	51.6	0.28	3.19	15.5	0.091	0.08
G242058	1720	6.2	1.8	0.01	1.32	0.54	22.4	6	1.6	75.9	0.45	1.37	25.9	0.143	0.09
G242059	820	2.4	41.3	<0.002	0.14	0.48	23.2	1	1.8	51	0.44	0.16	15.6	0.14	0.1
G242060	500	2.5	16.4	0.002	0.12	0.5	27.1	1	2.3	55.1	0.55	0.16	15.4	0.159	0.1
G242061	760	4.3	41.2	<0.002	0.19	0.58	11	1	1.8	46.8	0.51	0.21	20	0.155	0.16
G242062	760	6.5	105	<0.002	0.01	0.68	10.7	<1	1.7	38.6	0.48	<0.05	14.2	0.137	0.31
G242063	10	1.5	1	<0.002	0.01	<0.05	0.3	<1	<0.2	2.9	<0.05	<0.05	0.8	0.008	<0.02
G242064	680	7.1	129.5	<0.002	0.03	0.81	13.3	<1	2.5	46.9	0.73	<0.05	15.5	0.2	0.37
G242065	690	11	128	<0.002	0.06	0.7	10.8	<1	2.1	44.2	0.62	0.19	15.5	0.169	0.37
G242066	660	6	125	<0.002	0.02	0.61	11.2	1	1.9	47.3	0.49	<0.05	16.4	0.156	0.32
G242067	550	61.6	31.9	0.062	0.67	84	7.1	4	8.3	271	0.13	3.29	1.4	0.122	0.21
G242068	590	3.7	75.8	<0.002	0.05	0.64	12.9	2	1.5	54.2	0.47	0.07	14.4	0.131	0.19
G242069	630	2.8	139	<0.002	0.02	0.62	10.8	2	2.4	53.8	0.65	<0.05	15	0.2	0.3
G242070	580	2.7	153	<0.002	0.03	0.64	11	2	2.7	48.9	0.75	<0.05	16.8	0.227	0.41
G242071	620	2.9	159	<0.002	0.02	0.52	12.6	2	2.9	45.3	0.63	<0.05	17.2	0.216	0.44
G242072	670	3.1	187	<0.002	0.02	0.66	13.3	2	2.5	48.6	0.71	<0.05	17.2	0.232	0.42
C286554	690	2.2	97	<0.002	0.17	0.58	14.1	1	1.6	106.5	0.35	0.31	11.6	0.153	0.39
C286555	660	1.9	61.8	<0.002	0.12	0.48	7.4	1	0.9	98.8	0.26	0.09	10.9	0.118	0.2
C286556	710	1.9	38	<0.002	0.24	0.39	8.3	1	0.7	85.5	0.2	0.16	10.9	0.088	0.13
C286557	640	2.1	59.9	<0.002	0.07	0.45	10.5	1	1.2	95.7	0.32	0.08	9.6	0.143	0.18
C286558	590	2.5	27.1	<0.002	0.1	0.57	9	1	0.9	69	0.36	0.08	11.4	0.17	0.13
C286559	670	2.4	10.2	<0.002	0.24	0.5	4.4	1	0.5	52.7	0.25	0.11	12	0.116	0.06
C286560	550	2	76.6	<0.002	0.13	0.43	14	1	1.5	82.8	0.32	0.09	12.5	0.146	0.18
C286561	550	2.9	85.4	<0.002	0.1	0.54	17.2	2	1.6	141	0.42	0.08	14.9	0.189	0.24

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VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
G242041		1.5	56	4.8	15.3	14	57.3	
G242042		1.8	47	3.7	16.1	17	58.5	
G242043		1.2	50	4.8	23.3	10	55.2	
G242044		1.5	73	3.5	26.9	10	52.3	
G242045		1.1	66	5.2	21.7	8	46	
G242046		1	66	6.3	16.1	9	60.8	
G242047		1.2	54	7.4	13.9	10	62.5	
G242048		2.8	44	9.3	23.2	8	46.9	
G242049		2.4	65	6	27.2	23	60.7	
G242050		1	79	4.4	10.9	16	56.3	
G242051		1.2	55	3.9	15.4	17	65	
G242052		1.4	63	3.1	22.9	22	51.9	
G242053		2.9	140	3.2	29.6	70	59.2	
G242054		2.2	125	3.4	21.9	55	72.7	
G242055		1.2	88	2.2	48.2	46	51.8	
G242056		109.5	72	1.8	19.6	25	70.9	
G242057		7.5	97	1.7	39	44	53.8	
G242058		17.1	147	3	25.5	45	54.4	
G242059		2.5	90	1.9	51.6	33	48.2	
G242060		2.1	119	2.9	48.3	47	59.5	
G242061		2.9	82	3.3	14.4	36	77.7	
G242062		2.1	62	3	10	32	77.9	
G242063		0.3	1	0.1	2.8	4	28	
G242064		2.2	60	6	16.1	23	78.6	
G242065		2.1	56	6.3	12.1	23	76.6	
G242066		2.3	53	4.6	10.4	16	63.6	
G242067		2.4	61	13.5	9.5	110	23.5	
G242068		2.1	57	3.9	19.1	18	59.3	
G242069		1.5	53	4.9	15.2	11	59.8	
G242070		2	53	3.4	21.8	11	79.7	
G242071		1.9	59	3.3	21.5	8	82.8	
G242072		1.9	61	5.2	22.3	14	73.3	
C286554		1.3	63	1.4	6.3	4	15.2	
C286555		1.3	36	1.3	5.4	4	17.1	
C286556		1.2	39	1.2	5.3	6	17.8	
C286557		1.1	52	1.7	7	5	19.7	
C286558		1	46	2.5	7.3	7	23.2	
C286559		2	20	1.9	6.3	8	23	
C286560		1.8	68	2.1	9.2	6	25.7	
C286561		4.2	90	2	10.3	5	41.4	

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CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
C286562		7.42	<0.005		0.09	7.44	5.7	260	1.89	0.47	0.83	<0.02	44.6	66.1	55	2.51
C286563		6.10	<0.005		0.05	7.65	1.5	400	2.55	0.13	0.48	<0.02	71.2	16.7	52	3.94
C286564		2.52	0.008		0.1	7.17	8.8	310	1.91	0.93	1.43	<0.02	71.4	174.5	51	2.44
C286565		7.12	<0.005		0.07	8.33	4.2	230	2.2	0.25	1.2	<0.02	35.2	65.3	47	2.55
C286566		0.96	<0.005		0.11	7.74	2.9	590	2.63	0.14	0.46	<0.02	94.8	20.9	65	5.31
C286567		3.40	<0.005		0.04	7.46	3.8	510	1.97	0.09	0.51	<0.02	55.9	10.8	57	5.25
C286568		4.38	<0.005		0.03	7.49	2	570	2.48	0.09	0.5	<0.02	31	7.9	53	6.29
C286569		5.96	<0.005		0.04	7.04	4.2	590	2.32	0.17	0.35	<0.02	76.4	23.6	61	5.71
C286570		6.54	<0.005		0.06	6.29	3.2	170	1.65	0.15	0.61	<0.02	54.3	22.8	50	2.1
C286571		6.52	<0.005		0.08	8.67	4	570	2.98	0.36	0.5	<0.02	46.7	26.1	75	5.88
C286572		2.36	<0.005		0.11	7.81	6.6	160	1.8	0.34	0.89	0.03	116	125.5	35	1.99
C286573		3.72	<0.005		0.02	7.33	2.8	240	2.05	0.12	0.94	<0.02	33	36.9	58	2.58
C286574		4.32	<0.005		0.09	7.61	4.6	390	2.4	0.36	1.34	<0.02	39	25.7	56	5.05
C286575		7.00	<0.005		0.06	7.53	5.9	560	2.43	0.16	0.45	<0.02	155	28.4	79	5.12
C286576		2.32	<0.005		0.04	7.65	6.1	740	3.36	0.15	0.7	<0.02	296	26.5	71	8.51
C286577		7.16	<0.005		0.04	7.59	1.9	580	3.18	0.09	0.47	<0.02	102.5	8.7	76	7.81
C286578		6.68	<0.005		0.02	7.12	1.4	90	1.78	0.07	0.69	<0.02	52.3	9.9	57	0.76
C286579		5.50	<0.005		0.03	8.23	2.6	320	2.38	0.12	0.59	<0.02	76.8	11.7	73	3.62
C286580		7.02	<0.005		0.21	5.88	1.3	160	1.22	0.05	0.58	<0.02	52.2	17	67	0.36
C286581		6.02	<0.005		0.04	6.83	3.3	240	1.5	0.17	0.47	<0.02	65.4	35.9	28	0.26
C286582		6.80	0.007		0.13	6.37	8.8	1420	1.19	0.64	1.13	<0.02	40.4	86.9	45	0.45
C286583		4.22	<0.005		0.02	8.02	2.5	450	2.22	0.06	0.44	<0.02	199.5	15.1	44	2.37
C286584		5.94	<0.005		0.39	8.96	7.6	870	3.19	0.25	0.52	<0.02	>500	24	90	8.35
C286585		2.38	<0.005		0.18	8.9	5.4	1180	3.8	0.25	0.36	<0.02	99	11.3	83	14.15
C286586		6.68	<0.005		0.11	8.05	2.1	900	2.96	0.07	1.33	<0.02	45.1	5.5	73	11
C286587		4.82	<0.005		0.05	7.72	3.2	510	2.79	0.12	0.77	0.02	26.3	13.3	86	4.86
C286588		1.76	<0.005		0.01	9.12	10.3	1310	3.45	0.21	0.65	<0.02	58.1	24.3	90	10.4
C286589		0.34	<0.005		0.1	6.93	17.7	900	2.47	0.25	0.22	<0.02	39.4	26.2	73	5.71
C286590		4.04	<0.005		0.35	9.5	4.1	1260	4.8	0.1	0.28	<0.02	35.8	10.9	108	16.1
C286591		3.44	<0.005		0.06	4.55	4	430	1.48	0.18	0.25	<0.02	77.4	20.1	37	3.19
C286592		5.38	<0.005		0.07	4.88	3.4	390	1.41	0.15	0.37	<0.02	28	17.2	51	2.84
C286593		6.28	<0.005		0.1	6.12	2.9	370	2.12	0.16	0.7	<0.02	56.3	15	61	3.04
C286594		6.78	<0.005		<0.01	7.44	5.4	700	3.2	0.14	0.57	<0.02	67	19.5	66	10.8
C286595		5.50	<0.005		0.12	6.95	15.6	710	3.07	0.4	0.23	<0.02	28.1	75.1	69	11.3
C286596		3.10	<0.005		0.1	5.09	4.9	510	1.46	0.17	1.22	<0.02	187	51.9	43	1.22
C286597		0.10	0.932		38.1	4.48	1175	530	0.69	34.3	6.71	0.51	25.4	43.5	269	1.15
C286598		4.20	<0.005		0.16	8.42	10.8	730	2.77	0.37	0.35	<0.02	69.2	38.3	71	8.51
C286599		4.60	<0.005		0.01	7.4	8.8	690	2.8	0.17	0.26	<0.02	147.5	26.7	62	9.03
C286600		5.04	<0.005		0.08	6.32	7.9	130	1.41	0.23	0.74	0.02	59.9	28.7	40	1.14

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
C286562		56.1	1.67	16.9	0.09	0.6	0.037	0.96	23.8	11.5	0.35	587	1.68	3.81	3.6	15.2
C286563		125.5	1	20.9	0.11	0.6	0.043	1.48	36.9	11.6	0.22	207	0.99	3.42	4.9	11.1
C286564		40.3	2.67	17.6	0.13	0.8	0.067	1.09	37.5	13.3	0.37	1160	1.67	3.55	4.7	24.8
C286565		12.1	2.73	18.55	0.1	0.8	0.06	0.87	18.1	23	0.43	1230	2.84	4.23	3.8	15.4
C286566		135	1.34	24.6	0.13	0.8	0.058	2.08	50	10.6	0.27	307	3.55	2.15	6.1	12.6
C286567		46.2	1.71	20.8	0.1	0.5	0.044	1.71	29.9	15.1	0.33	447	1.4	2.44	6.1	22.5
C286568		49.7	1.38	20.9	0.08	0.5	0.049	1.65	16.2	10.9	0.27	334	0.88	2.62	9.1	18.8
C286569		161	1.89	19.55	0.12	0.6	0.053	1.83	40.8	13.3	0.37	276	0.43	1.88	9	31.3
C286570		68.8	1.71	13.45	0.1	0.6	0.026	0.6	29.6	14.6	0.34	448	1.29	3.32	4.7	21.2
C286571		65.1	1.59	21.8	0.08	0.8	0.068	1.81	25	14.3	0.29	257	1.82	3.22	7	17.1
C286572		16.9	1.99	14.35	0.13	0.5	0.026	0.5	57.8	27.2	0.31	446	0.66	4.89	3.2	20
C286573		34.3	1.62	14.8	0.08	0.5	0.042	0.9	16.2	23	0.31	449	1.52	3.87	3.6	13.9
C286574		269	1.35	17.65	0.08	0.5	0.061	1.26	18.6	15.8	0.23	680	2.15	3.74	6.4	19
C286575		124	1.65	20.1	0.15	0.8	0.081	1.85	76.6	13.1	0.31	275	1.47	2.62	7.3	23.5
C286576		96.9	1.94	20.8	0.26	0.6	0.081	2.32	144.5	10.5	0.33	458	0.68	1.9	8.5	29.9
C286577		22.5	0.86	22.9	0.12	0.7	0.045	1.78	51.2	9.4	0.25	174	1.52	2.96	5	18.4
C286578		17.3	0.77	13.75	0.07	0.4	0.017	0.3	26.1	9.3	0.19	386	3.1	5.11	3.2	11.4
C286579		4.8	0.91	19.05	0.1	0.6	0.057	1.31	37.8	7.9	0.2	317	2.08	4.49	4.7	9.3
C286580		24.5	1.36	11.25	0.07	0.4	0.011	0.1	26.2	13.2	0.2	327	2.01	4.22	2.6	11.2
C286581		28.7	0.95	12.7	0.07	0.4	0.008	0.04	32.5	23.1	0.13	203	1.21	5.46	3.2	9.1
C286582		24.9	1.91	10.65	0.07	0.4	0.014	0.11	20.2	29	0.27	534	5.35	4.37	2.7	18.7
C286583		13	1.27	16.9	0.16	0.5	0.026	0.77	98	14.2	0.26	206	9.03	4.94	4.4	14.6
C286584		141	2.22	25.7	0.48	0.6	0.12	2.61	341	14.1	0.33	301	1.47	2.22	7	29.3
C286585		140.5	2.09	25.2	0.12	0.7	0.159	3.37	48.8	13.5	0.33	226	0.57	0.84	10.1	28
C286586		114.5	1.44	22.9	0.07	0.4	0.081	2.3	22.6	8.5	0.36	591	0.79	2.42	7.4	18.3
C286587		118.5	1.17	17.3	0.05	0.5	0.052	1.23	13	8.9	0.28	507	1.54	4.04	5.4	11
C286588		137.5	2.03	23.6	0.08	1.1	0.115	2.83	29.5	16.5	0.49	493	1.69	1.98	9.3	22.9
C286589		626	3.48	18.9	0.08	0.5	0.127	2.23	19.5	28.1	0.46	260	0.57	0.52	8.3	36.1
C286590		243	2.01	29.7	<0.05	1	0.134	3.77	18.2	12.4	0.31	157	0.52	1.21	17.4	24.6
C286591		130.5	4.32	13.4	0.11	0.5	0.056	1.03	39.5	28.1	0.6	523	0.28	0.68	8.1	60.2
C286592		230	4.68	15.2	0.05	0.5	0.044	1.12	14.4	33	0.75	597	0.87	0.64	7.8	75.7
C286593		572	3.29	19.45	0.09	0.7	0.054	1.34	29.6	25.3	0.6	753	0.34	1.69	8.5	52.8
C286594		37.9	1.38	22.4	0.07	1	0.089	2.45	35.3	8.5	0.23	382	1.37	1.56	10.5	19.1
C286595		59.4	2.35	22.8	<0.05	0.7	0.08	2.47	14.9	15	0.3	183	0.55	0.7	9.4	31.5
C286596		163.5	4.57	11.9	0.26	0.3	0.043	0.69	96.2	43.6	0.76	873	1.31	1.4	3.5	43.2
C286597		4490	4.38	13.05	0.17	0.8	0.201	1.45	18.6	14.5	0.84	1825	746	0.69	1.7	21.5
C286598		33.8	2.44	22.1	0.09	0.8	0.089	2.55	34.2	19.7	0.45	210	2.86	1.83	11.9	27.3
C286599		79.5	2.24	19.6	0.15	0.7	0.089	2.53	75.1	18.1	0.4	175	1.07	1.16	10.2	27.3
C286600		98.4	1.42	10.7	0.07	0.5	0.024	0.56	30.3	11.3	0.41	574	1.01	3.72	6.6	12.4

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
C286562	720	2	76.3	<0.002	0.41	0.39	10.2	2	1.1	70.4	0.24	0.2	10.1	0.112	0.22
C286563	620	1.8	98	<0.002	0.09	0.42	13.8	1	1.7	81.8	0.31	0.07	13.6	0.144	0.35
C286564	610	2.1	79.2	<0.002	1.28	0.53	10.3	3	1.2	63.5	0.33	0.65	12	0.15	0.22
C286565	600	2.2	64.5	<0.002	0.4	0.53	9.6	2	0.9	63.8	0.26	0.16	12.2	0.117	0.2
C286566	580	2	136	<0.002	0.12	0.52	18.9	1	2.2	67.1	0.37	0.07	11.8	0.167	0.41
C286567	500	1.8	109.5	<0.002	0.04	0.48	13.4	1	1.4	73.6	0.4	0.05	9.9	0.194	0.32
C286568	600	2.3	104	<0.002	0.03	0.56	12.9	1	1.5	118.5	0.6	<0.05	13	0.258	0.37
C286569	650	1.8	109	<0.002	0.09	0.75	12.2	1	1.6	94	0.57	0.1	12.1	0.265	0.38
C286570	760	1.8	44.7	<0.002	0.12	0.52	6.6	1	0.7	64.8	0.31	0.08	9.9	0.148	0.17
C286571	720	2.1	117	<0.002	0.12	0.71	12.8	2	1.4	99.5	0.44	0.23	12.8	0.207	0.45
C286572	660	2.7	40	0.002	0.78	0.67	4.7	2	0.6	61.3	0.23	0.16	7.7	0.11	0.17
C286573	760	2.1	64.4	<0.002	0.24	0.45	8.3	1	1	69.8	0.25	0.06	9	0.113	0.23
C286574	550	2.7	68.9	<0.002	0.16	0.57	9.5	1	1.2	120	0.44	0.2	9.5	0.199	0.31
C286575	680	2.1	108	<0.002	0.13	0.66	12	1	1.6	84.8	0.5	0.08	13.3	0.23	0.35
C286576	760	3.2	114	<0.002	0.13	0.54	11.8	1	1.7	121.5	0.57	0.05	37.2	0.28	0.41
C286577	660	2.6	95.6	<0.002	0.05	0.36	15.2	1	2.1	140	0.3	<0.05	9.5	0.148	0.36
C286578	600	2	23.8	<0.002	0.06	0.33	5.5	1	0.6	66.4	0.22	<0.05	6.9	0.089	0.09
C286579	740	2.8	105	<0.002	0.05	0.56	13.5	1	1.4	83.1	0.33	<0.05	10	0.158	0.38
C286580	560	2.4	8.5	<0.002	0.09	0.38	2.2	1	0.5	42	0.19	<0.05	7.6	0.089	0.04
C286581	570	1.8	3	<0.002	0.19	0.45	0.9	1	0.3	48	0.23	0.1	2.6	0.107	0.03
C286582	760	2	9.4	0.003	0.5	0.44	3	2	0.5	68.8	0.2	0.31	6.4	0.1	0.06
C286583	610	2	58.7	0.002	0.07	0.47	5.1	1	0.8	64	0.28	<0.05	9.2	0.121	0.19
C286584	690	2.6	147	<0.002	0.12	0.68	16.5	2	1.9	120	0.45	0.12	31.3	0.203	0.45
C286585	760	2.2	171.5	<0.002	0.05	0.66	14.6	1	2.3	224	0.67	<0.05	12.5	0.31	0.53
C286586	710	2.7	117	<0.002	0.06	0.48	14.5	1	2	179.5	0.48	<0.05	8.6	0.238	0.38
C286587	720	2.4	65.1	<0.002	0.08	2.28	9.2	1	1.3	121.5	0.35	<0.05	11.9	0.168	0.22
C286588	670	2.1	138.5	<0.002	0.13	0.65	14.3	2	2.1	197.5	0.58	0.06	16.4	0.257	0.36
C286589	750	2.4	125	<0.002	0.17	0.73	12	1	1.3	96.6	0.53	<0.05	10.6	0.235	0.36
C286590	810	2.4	192.5	<0.002	0.06	0.89	16.4	2	2.6	219	1.18	<0.05	17.8	0.532	0.79
C286591	400	1.3	71.8	<0.002	0.05	0.41	6.6	2	0.7	49.3	0.53	<0.05	10	0.205	0.22
C286592	580	1.4	71	<0.002	0.06	0.44	7.6	1	0.7	47.7	0.54	<0.05	8.8	0.222	0.22
C286593	630	1.9	87.7	<0.002	0.12	0.58	13.4	2	1	75.2	0.56	<0.05	11	0.218	0.25
C286594	640	2.2	133.5	<0.002	0.08	0.56	12	1	1.7	152	0.67	<0.05	13.1	0.272	0.57
C286595	570	1.9	149.5	<0.002	0.3	0.64	12.7	2	1.7	128	0.61	0.25	12.5	0.23	0.62
C286596	490	1.2	68.4	<0.002	0.24	0.56	5.6	2	0.4	33.8	0.28	0.1	7.3	0.111	0.19
C286597	550	70.7	34	0.079	0.75	89.6	6	3	5.9	295	0.11	3.9	1.5	0.126	0.26
C286598	830	2.1	189.5	0.002	0.2	0.93	12.7	<1	1.9	118	0.79	0.19	11.1	0.367	0.59
C286599	760	2.1	170	0.002	0.11	0.85	11	<1	1.8	116.5	0.65	0.07	16.9	0.301	0.58
C286600	520	1.8	42.9	<0.002	0.14	0.79	5	<1	0.6	67.2	0.5	0.14	9.9	0.249	0.15

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CERTIFICATE OF ANALYSIS VA07125883

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
C286562		1.2	49	1.6	5.8	6	20.2	
C286563		1.3	61	1.7	7.3	4	20.2	
C286564		1.7	54	1.8	9.9	6	26.6	
C286565		3.2	42	1.8	7.8	8	27.4	
C286566		1.4	94	2.4	9.1	3	28.7	
C286567		1.1	61	1.5	7.1	8	17.9	
C286568		1.5	52	1.5	8	5	18.6	
C286569		1.5	62	1.4	7.8	6	19.3	
C286570		1.7	37	1.2	7.2	7	19.2	
C286571		2.6	66	1.5	9.1	6	29.2	
C286572		6.9	24	1.3	6.9	15	17.4	
C286573		2.1	45	1.3	7.5	11	17.1	
C286574		1.6	52	1.4	8.9	9	18.1	
C286575		2.4	73	1.7	9.8	9	24.4	
C286576		3.5	65	1	12.4	7	19	
C286577		2.3	83	1.6	9.6	6	23.4	
C286578		1.3	28	1.3	6.1	8	12.7	
C286579		2.1	77	1.9	7.8	9	21.9	
C286580		2.3	22	1.9	7	9	12.9	
C286581		1	8	1	4.5	8	12.8	
C286582		2.9	13	1.2	6.4	10	14.6	
C286583		1.9	29	1.3	9.3	8	15.9	
C286584		2.5	83	2.7	14.4	7	19	
C286585		2	82	3.1	12.1	6	21.4	
C286586		1.6	66	1.3	9.5	5	13.4	
C286587		4	51	1.4	9.8	7	15.9	
C286588		3.6	83	2.1	11	6	36.3	
C286589		1.5	66	1.2	9.1	7	17.5	
C286590		2.9	97	3.3	13.4	5	30.4	
C286591		1.1	29	0.7	9.3	13	14.5	
C286592		1.4	36	0.8	8.2	16	15.9	
C286593		1.6	63	1.3	9.7	12	19.7	
C286594		2.7	70	2.3	10.4	5	28.8	
C286595		2.2	62	1.8	7.4	6	21.6	
C286596		2	29	0.8	8.8	16	8.3	
C286597		2.6	64	13.5	9.9	117	22.1	
C286598		2.4	80	2.3	9.1	8	24.7	
C286599		2.6	69	1.8	9.3	6	22.3	
C286600		2	27	1.4	8.8	7	16.1	

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125883

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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CERTIFICATE VA07125884

Project: Werneckes

P.O. No.: FRG07-01

This report is for 127 Drill Core samples submitted to our lab in Terrace, BC, Canada on 8-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E843280		5.30	0.009		0.1	6.79	3.8	730	1.8	0.11	3.97	<0.02	72.3	19	34	1.56
E843281		5.28	0.013		0.08	8.05	3.5	730	2.54	0.13	1.43	<0.02	112.5	74.9	48	5.44
E843282		4.96	0.008		0.04	8.1	3.5	660	3.08	0.1	1.7	<0.02	104	57.3	46	5.87
E843283		5.28	0.015		0.04	7.79	3.7	950	2.73	0.1	2.48	<0.02	105.5	50	38	4.59
E843284		3.06	0.013		0.06	7.54	4.3	670	2.37	0.16	2.25	<0.02	128	40.4	40	3.68
E843285		3.18	0.011		0.63	7.63	4.4	690	2.33	0.18	2.29	0.03	128.5	37.3	42	3.32
E843286		2.38	0.013		0.11	7.46	6.9	920	1.43	0.36	2.31	0.05	147	43.8	40	2.77
E843287		5.86	0.009		0.04	8.37	2.4	330	3.13	0.13	2.87	<0.02	41.2	20.6	44	2.65
E843288		0.06	0.034		0.26	6.97	20.6	50	8.89	13.3	1.73	0.08	16.75	35.2	42	0.8
E843289		5.54	0.019		0.03	7.2	2.7	450	2.49	0.17	3.55	0.02	102	19.1	36	2.34
E843290		6.36	0.008		0.06	7.59	4.4	430	2.79	0.09	3.16	0.02	28	20.2	41	2.6
E843291		4.30	0.009		0.47	7.56	4.3	1120	2	0.22	1.73	<0.02	106	58.2	44	4.72
E843292		4.78	0.025		0.14	7.5	4.7	1030	2.03	0.25	2.07	<0.02	153	44.5	41	4.11
E843293		5.74	0.009		0.02	7	3.3	720	2.19	0.1	3.04	<0.02	155	18.4	36	2.06
E843294		4.94	<0.005		0.03	7.41	3.5	520	2.63	0.11	3.54	<0.02	123	21.8	40	2.31
E843295		4.46	0.005		0.04	6.99	3.1	300	2.7	0.15	4.32	<0.02	46.3	20	36	2.56
E843296		6.04	0.006		0.04	7.31	3.4	500	3.54	0.1	3.38	<0.02	123.5	26.9	39	3.88
E843297		4.76	0.008		0.08	7.38	2.7	600	3.07	0.08	2.96	<0.02	106.5	26.7	40	3.83
E843298		5.36	0.005		0.03	7.62	3.9	520	2.94	0.05	2.28	<0.02	92.7	53.2	40	6.21
E843299		5.14	0.008		0.01	8.23	3.9	770	2.98	0.08	2.36	<0.02	176.5	25.9	50	3.44
E843300		5.08	0.006		0.08	6.82	3.9	960	2.19	0.15	4.01	<0.02	62.8	26.8	34	2.39
E843301		5.36	0.008		0.09	8.03	3.6	690	2.41	0.19	1.55	<0.02	56.9	46.9	51	4.28
E843302		5.20	0.006		<0.01	8.13	4.4	950	2.19	0.14	0.87	<0.02	67.2	64.2	52	5.15
E843303		5.00	0.008		<0.01	7.8	6	940	1.38	0.25	1.13	<0.02	91.4	61.9	49	4.43
E843304		4.92	0.005		<0.01	7.82	5.1	720	1.93	0.09	1.03	<0.02	105	76.8	47	5.8
E843305		5.08	0.006		<0.01	7.18	4.9	720	2.02	0.07	0.61	<0.02	93.9	75.8	50	5.84
E843306		4.40	0.044		0.03	7.78	6.6	940	1.77	0.46	0.84	<0.02	58	72.5	50	5.5
E843307		4.74	0.019		0.05	7.77	8.6	1360	1.7	0.09	0.67	<0.02	106	66.7	51	5.44
E843308		4.84	0.013		0.07	7.72	4.8	680	2.19	0.19	0.79	<0.02	78.8	77.2	50	6.11
E843309		2.44	0.006		0.05	7.65	3.5	1000	1.46	0.11	0.77	<0.02	81.9	57.1	52	4.6
E843310		4.24	0.037		0.24	6.68	2.7	1390	1.63	1.5	3.26	<0.02	122	31.5	46	3.23
E843311		5.84	0.008		0.07	7.25	2.4	1000	1.58	0.15	2.91	<0.02	81.1	28	42	3.14
E843312		0.06	0.029		2.23	7.18	22.4	60	9.14	13.65	1.98	0.08	18	36.9	53	0.91
E843313		4.90	0.011		0.13	7.6	3.1	890	2.97	0.43	4.23	<0.02	101.5	21.3	44	3.81
E843314		3.80	0.016		0.2	6.83	7.6	680	2.01	1.15	4.08	<0.02	121.5	27.3	37	3.52
E843315		2.96	0.014		0.18	6.98	5.5	770	2.66	0.57	2.84	<0.02	104.5	25.6	40	3.42
E843316		2.54	0.016		0.12	7.41	5.8	660	3.11	0.7	3.25	<0.02	128.5	28.3	46	3.8
E843317		4.90	0.023		1.54	7.28	6.8	1520	1.41	1.45	2.37	<0.02	131	50.3	48	3.33
E843318		4.50	0.103		0.05	7.34	4.2	2300	1.33	0.35	3.01	<0.02	94	22.7	41	3.23
E843319		5.02	<0.005		0.05	8.12	4.2	2060	1.01	0.11	2.55	<0.02	130	13	46	1.87

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E843280	1.3	6.3	16.05	0.16	2	0.063	6.11	40.6	18.2	2.68	1595	4.34	0.05	5.9	16.6
E843281	0.9	7.35	23.5	0.2	2.8	0.058	6.04	63.8	51.2	4.01	630	5.78	0.04	9.1	47.2
E843282	0.6	6.02	23.9	0.18	2.9	0.072	6.76	59.2	51.5	3.37	741	2.06	0.04	7.4	43
E843283	0.9	6.1	20.7	0.18	2.8	0.071	6.33	62.1	44.2	3.19	1215	6.4	0.04	6.8	41.3
E843284	16.6	6	20	0.19	2.7	0.064	5.92	74.1	37.1	2.69	959	4.74	0.05	6.1	34.6
E843285	23.1	6.16	20.1	0.19	2.7	0.062	6.34	74.7	34.9	2.53	962	4.16	0.05	6.3	32.2
E843286	202	6.4	16.45	0.19	2.5	0.052	6.38	82.3	29.1	2.55	1130	6.59	0.05	6.3	33
E843287	15.2	4.88	23.3	0.13	2.9	0.088	5.33	21.9	51.5	2.42	1015	3.99	0.04	5.5	24.7
E843288	120.5	2.21	68.8	0.06	4.9	0.04	0.25	8.2	334	9.03	363	39.4	0.07	11.9	181.5
E843289	41	5.36	18.65	0.17	2.6	0.087	4.85	54.3	38.5	2.45	1445	1.87	0.04	4.7	25.4
E843290	23.3	5.55	20.7	0.15	2.6	0.09	5.4	14.9	43.8	2.34	1260	2.78	0.04	5.2	23.6
E843291	48.1	5.76	19.9	0.19	2.7	0.043	5.87	58.2	34.8	3.02	763	3.98	0.04	6.7	39.4
E843292	68.7	6.06	18.35	0.2	2.8	0.05	6.51	87.2	33.7	2.58	912	4.67	0.05	5.8	33.8
E843293	16.4	5.6	16.65	0.22	2.4	0.073	5.9	83.9	26.4	2.03	1270	1.34	0.05	4.5	22.6
E843294	8.3	5.62	19.85	0.19	2.6	0.09	5.58	64	35	2.47	1490	1.52	0.04	4.8	24
E843295	19.5	6.02	21.9	0.14	2.2	0.088	4.68	24.4	46.2	2.88	1770	2.32	0.04	3.9	25.2
E843296	53.8	5.94	18.45	0.19	2.2	0.108	5.39	71.6	58.8	2.92	1405	3.28	0.04	5	33.1
E843297	41	5.69	20.2	0.15	2.2	0.101	5.97	62.7	47.8	2.74	1190	18.75	0.04	5.4	29.3
E843298	89.8	6.51	20.2	0.19	2.4	0.063	5.71	57	50.8	3.69	913	2.39	0.04	7.8	42.9
E843299	2	5.87	22.1	0.2	2.5	0.087	6.29	99	47.7	2.66	902	1.73	0.04	5.7	31.2
E843300	1.7	5.3	18.35	0.16	2.3	0.074	5.24	33.5	37.2	3.3	1525	3.32	0.04	4.6	30.7
E843301	1	6	22.2	0.17	2.7	0.049	6.4	30.6	45.1	3.12	622	1.69	0.04	6.9	37
E843302	<0.2	7.25	22.8	0.2	2.6	0.03	6.85	34.2	37.3	3.43	404	1.64	0.04	9.2	38.9
E843303	20.6	5.86	20.7	0.2	2.6	0.023	7.04	50.1	29.5	3.12	509	1.55	0.04	8.2	36.2
E843304	0.3	6.99	23.5	0.2	2.6	0.031	6.21	56.3	37.4	3.73	499	2.68	0.04	10.1	40.4
E843305	1	6.46	23	0.18	2.4	0.037	5.08	48.1	41.9	3.62	323	1.6	0.03	9.8	37.8
E843306	1.1	6.93	22.2	0.16	2.6	0.031	6.25	29.8	39.9	3.48	435	2.16	0.04	10	40.1
E843307	2.1	6.66	20.2	0.2	2.7	0.029	6.58	59.9	36.9	2.87	314	1.18	0.04	9.7	32
E843308	4.9	7.09	23.8	0.19	2.8	0.035	6	37.8	44.2	3.93	410	10.7	0.03	10.2	37.8
E843309	5.9	7.23	17.65	0.25	2.6	0.023	4.86	48.7	36.9	3.21	345	4.59	0.04	6.7	30.4
E843310	13.7	7.03	18.45	0.34	2.5	0.062	4.49	78.3	35	3.08	1300	5.41	0.04	5.1	27.1
E843311	8.3	5.77	14.4	0.23	2.2	0.05	4.15	47.9	33.7	2.83	1225	3.73	0.05	3.3	24.4
E843312	133.5	2.37	69.9	0.18	4.6	0.048	0.25	8.6	338	9.2	403	39.5	0.06	12.4	186
E843313	4.1	5.74	21.7	0.21	2.6	0.11	5.4	58.1	59.1	3.02	1740	8.87	0.05	4.1	31
E843314	6.3	7.71	17.2	0.24	2	0.079	4.79	71.5	30.1	3.03	1545	2.55	0.05	6.3	27.3
E843315	15.1	6.51	18.2	0.23	2.2	0.096	5.29	62.6	36.8	2.37	1210	8.68	0.05	6.2	21.65
E843316	11.3	7.15	20.1	0.26	2.4	0.11	6.29	78.1	41.8	2.76	1380	5.38	0.05	6.4	27.6
E843317	27.9	8.22	18.35	0.25	2	0.076	6.22	84.9	41.2	2.94	1155	8.9	0.06	5.9	38.1
E843318	22.8	4.73	19.85	0.23	2.2	0.08	6.67	53.5	32.6	2.54	1345	1.66	0.07	3.9	35.4
E843319	6	5.12	19.45	0.25	2.4	0.067	5.69	70.3	19.6	1.8	1260	1.09	0.07	3.7	19.6

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CERTIFICATE OF ANALYSIS VA07125884

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E843280	640	2.7	167.5	0.002	0.02	1.71	12.5	<1	3.9	18.8	0.4	0.09	13.1	0.185	0.26
E843281	650	2.8	235	0.002	0.01	2.7	12.8	<1	3.9	10.5	0.7	0.06	15.6	0.267	0.36
E843282	660	2.5	283	0.003	0.02	1.93	12.3	<1	3.5	10.3	0.57	0.05	15.9	0.238	0.45
E843283	640	2.5	252	0.004	0.01	1.86	12.5	<1	3.3	19.4	0.51	0.06	16	0.22	0.38
E843284	670	3.1	239	0.002	0.07	1.92	11.4	<1	3.4	13.8	0.44	0.1	15.6	0.197	0.52
E843285	640	3.5	260	0.003	0.07	1.96	11.6	<1	3.3	14.9	0.47	0.08	15	0.204	0.51
E843286	690	7.5	153	0.005	0.39	2.04	9.7	<1	3.2	15.9	0.47	0.05	14.3	0.19	0.86
E843287	660	2.3	336	0.003	0.01	5.44	12.8	<1	3.2	11.9	0.38	0.07	15.6	0.197	0.29
E843288	960	173	9.1	0.005	0.12	0.95	11.4	2	3.8	26.4	1.05	0.1	15.7	0.252	0.19
E843289	600	2.4	284	<0.002	0.01	1.59	11.6	<1	2.8	15.5	0.35	0.08	15.7	0.166	0.28
E843290	600	2.9	305	<0.002	0.14	1.6	11.8	<1	3.2	13.1	0.37	<0.05	13.8	0.187	0.54
E843291	600	3.3	202	<0.002	0.04	1.65	12.4	<1	2.9	16.1	0.52	0.08	13.7	0.214	0.44
E843292	620	3	228	0.002	0.02	1.89	12.2	<1	2.8	15.7	0.46	0.18	16.1	0.198	0.39
E843293	610	2.7	242	<0.002	0.05	1.41	11.2	<1	2.8	17	0.32	0.06	13.7	0.169	0.38
E843294	630	2.6	262	<0.002	0.05	1.56	11.6	<1	3.2	17.1	0.33	0.05	13.2	0.189	0.38
E843295	580	2.3	260	<0.002	0.08	1.65	12.6	<1	3.5	15.6	0.27	0.05	12.2	0.168	0.36
E843296	600	2.4	328	<0.002	0.05	1.8	10.6	<1	2.6	13.7	0.37	<0.05	11.7	0.188	0.4
E843297	620	2.8	326	0.003	0.03	2.11	11.8	<1	2.8	13.2	0.4	0.06	13.4	0.203	0.41
E843298	600	2.4	307	0.003	0.05	2.14	12.5	<1	3.1	11.1	0.6	0.06	15.2	0.241	0.45
E843299	720	2.7	273	0.002	0.02	1.87	14.8	<1	3.1	12.9	0.41	0.06	14	0.22	0.38
E843300	580	3.2	254	0.003	0.07	1.91	11.8	<1	2.7	30.5	0.34	0.06	14.1	0.172	0.31
E843301	660	2.5	256	<0.002	0.02	1.87	12.6	<1	3.5	10.4	0.52	0.13	15.8	0.231	0.35
E843302	680	3	203	0.002	0.01	2.34	13.3	<1	4.4	10.7	0.72	0.06	12.5	0.276	0.38
E843303	600	3.4	190.5	<0.002	0.03	2.25	12.8	<1	3.6	11.8	0.64	0.05	15.9	0.256	0.37
E843304	690	3.4	197.5	0.003	0.02	2.51	14.2	<1	4	9.8	0.79	<0.05	14.9	0.277	0.42
E843305	610	2.7	196	<0.002	0.02	2.37	11.5	<1	3.8	11.4	0.75	<0.05	12.1	0.272	0.39
E843306	670	3.6	200	0.002	0.02	2.35	11.4	<1	3.9	14.6	0.75	0.28	14.3	0.268	0.38
E843307	700	3.8	181	<0.002	0.03	2.4	11.3	<1	3.6	16.7	0.75	0.05	16.2	0.28	0.35
E843308	650	2.8	212	0.002	0.02	2.57	12.7	<1	4.3	10.2	0.82	0.11	10.2	0.294	0.39
E843309	730	21.9	129	0.014	0.01	1.86	10.1	1	3.1	14	0.52	0.05	16.2	0.242	0.3
E843310	830	6.7	147.5	0.008	0.02	1.63	12.3	2	4.4	26.8	0.33	0.24	15.8	0.183	0.33
E843311	760	3.7	116.5	<0.002	0.01	1.21	9.4	<1	2.2	14.4	0.25	0.05	13.4	0.183	0.31
E843312	1030	180	9.8	0.005	0.13	0.86	11.8	3	4.1	28.2	1.13	0.09	17.1	0.269	0.17
E843313	640	3.3	247	0.007	0.02	1.92	13.2	1	3.1	20.6	0.3	0.09	15	0.184	0.4
E843314	1110	4.7	137.5	<0.002	0.01	1.93	13	1	4.7	22.7	0.42	0.23	14.7	0.191	0.32
E843315	800	4.6	173	0.003	0.02	1.96	10.6	1	4.2	17.5	0.47	0.13	15	0.208	0.36
E843316	820	4.4	217	0.003	0.01	2.07	12.3	1	4.5	17.3	0.48	0.12	15.5	0.234	0.37
E843317	860	5.2	165	0.006	0.04	2.06	13.2	2	5	26.7	0.41	0.23	14.6	0.198	0.38
E843318	620	3.6	165	0.002	0.06	1.97	13.7	1	2.9	36.8	0.32	0.11	14.6	0.162	0.39
E843319	670	3.3	129.5	0.003	0.04	1.91	13.4	<1	2.7	31.7	0.3	<0.05	17.4	0.164	0.43

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E843280		8.7	67	5.4	13.9	13	64.7	
E843281		12.9	81	7	13.1	39	89.8	
E843282		16.7	78	6.4	13.3	19	92.2	
E843283		13.8	73	6.5	15.4	19	92	
E843284		8.3	68	6.1	13.4	18	84.1	
E843285		9.3	70	12.4	13.4	18	85	
E843286		16.1	63	6	11.4	43	79.5	
E843287		10.6	74	5.4	13.3	3	91.7	
E843288		1910	258	3	34.1	45	153.5	0.20
E843289		9.6	65	4.7	14.2	6	79.2	
E843290		6.8	73	6.2	13.1	11	82.4	
E843291		11.3	71	6.4	11.8	23	82.4	
E843292		9.6	70	5	13.8	19	90.8	
E843293		5.6	64	4.6	14.7	5	76.4	
E843294		6.4	73	5.3	15.8	8	79.9	
E843295		6.2	75	4.3	12.7	6	70.5	
E843296		8.3	70	4.6	10.9	5	72.8	
E843297		13.5	71	4.2	11.4	6	71.6	
E843298		11.6	74	5.7	11.9	15	78.3	
E843299		13.8	83	6.4	12.8	9	81.9	
E843300		11.1	64	4.9	15.3	9	72.4	
E843301		10.7	77	6	11.5	14	84.7	
E843302		12.9	83	6.1	10.1	17	83.4	
E843303		9.7	74	4	10.8	15	84.1	
E843304		11.2	81	4.1	12	17	82.8	
E843305		11.4	75	3.4	10.3	18	75.6	
E843306		12.3	74	5.3	11	17	82.3	
E843307		11.6	76	3.9	12.4	15	83.5	
E843308		11.9	79	4.2	10.6	19	85.2	
E843309		12.8	72	4	10.7	17	75.2	
E843310		17.6	87	6.8	14.5	16	72.3	
E843311		8.2	71	3.9	11	13	64.6	
E843312		1910	270	3	36.3	47	156.5	0.20
E843313		14.8	79	5.1	15.8	5	92.7	
E843314		6.7	80	5.9	14.2	10	71.2	
E843315		8.7	68	7.4	14.6	12	72.2	
E843316		7.1	78	7.6	15.3	13	77.2	
E843317		12.4	89	10	13.5	24	70.4	
E843318		8	74	3.6	14.8	13	76.5	
E843319		5.1	75	4	15.5	6	82.6	

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E843320		5.12	0.006		0.2	7.89	5	1780	1.04	0.19	2.62	0.02	123.5	19.2	47	1.51
E843321		4.84	0.005		0.03	7.84	4.5	1920	1.01	0.12	2.84	0.03	103	12.3	47	1.6
E843322		5.12	0.006		0.06	8.13	5.5	2230	1.01	0.16	2.53	0.02	120	18.7	49	2.24
E843323		4.82	0.005		0.07	8.17	5.4	1800	1.19	0.11	1.93	<0.02	70.4	30.8	51	4.58
E843324		5.50	<0.005		0.24	8.14	4.9	1940	1.11	0.15	2.03	<0.02	138.5	26.9	53	3.67
E843325		5.24	<0.005		0.12	7.88	5.5	1490	1.31	0.12	2.35	<0.02	93.3	37.1	50	5.23
E843326		5.46	<0.005		0.12	7.73	5.6	1330	1.47	0.1	2.87	<0.02	59.8	43	48	5.48
E843327		4.60	<0.005		0.05	7.55	6.2	1470	1.18	0.12	2.04	<0.02	79.3	33.2	46	3.68
E843328		0.08	0.005		0.02	0.07	<0.2	20	<0.05	<0.01	0.02	<0.02	3.22	0.2	1	<0.05
E843329		5.52	0.006		0.16	7.49	6.6	1750	0.99	0.15	2.66	<0.02	103.5	28.5	47	2.22
E843330		4.72	0.006		0.32	7.47	5.5	1830	1.04	0.21	2.98	0.02	86.5	29	45	2.49
E843331		4.90	0.010		0.15	7.86	5.1	1940	1.24	0.22	1.98	0.02	120	31.7	51	2.78
E843332		5.54	0.006		0.01	7.65	8.4	1310	2.45	0.42	0.62	<0.02	75	43.5	56	4.41
E843333		5.40	<0.005		2.69	7.85	8.8	3590	2.56	0.11	2.02	<0.02	113.5	27.2	51	3.04
E843334		2.80	<0.005		0.07	7.54	8.4	>10000	1.92	0.11	2.04	<0.02	27.3	21.2	46	1.94
E843335		1.08	0.009		0.03	8.49	17.8	3180	2.55	0.14	0.96	<0.02	51.7	39.6	59	3.23
E843336		4.96	0.006		0.17	7.98	10.4	2650	1.29	0.64	1.53	<0.02	114.5	29.4	49	2.57
E843337		5.10	0.012		0.04	8.38	9.2	1150	3.48	0.48	1.27	<0.02	106.5	36.4	57	5.76
E843338		6.80	<0.005		0.03	8.64	8.9	2570	1.2	0.12	1.14	<0.02	115.5	27.4	63	3.52
E843339		4.62	<0.005		0.02	8.49	9.1	2840	1.16	0.17	0.96	<0.02	119	28.5	59	4.38
E843340		4.54	<0.005		0.02	8.65	6.5	3400	0.96	0.12	1	<0.02	113.5	11.2	62	3.05
E843341		4.64	<0.005		0.06	7.87	7.4	3020	1.05	0.1	1.88	<0.02	161	13.7	54	2.88
E843342		6.10	<0.005		0.02	8.1	6.9	4530	1.34	0.09	1.06	<0.02	94	15.7	55	4.43
E843343		5.70	<0.005		0.02	8.41	5.9	3330	1.43	0.09	1.09	<0.02	96.8	12.3	56	3.67
E843344		5.12	0.006		0.07	8.65	5.8	3430	1.16	0.13	1.02	<0.02	120	28.3	66	4.12
E843345		5.00	<0.005		0.03	8.79	5.8	2780	1.17	0.15	0.64	<0.02	102	29.4	70	4.84
E843346		4.26	<0.005		0.03	8.53	6.3	2980	1.1	0.12	0.49	<0.02	97.2	26.6	65	5.04
E843347		6.20	0.005		0.03	8.64	5.5	3990	0.93	0.22	0.62	<0.02	122.5	23.8	64	3.18
E843348		3.06	0.005		0.04	9.01	6.9	2340	1.31	0.31	0.28	<0.02	150	47.1	62	5.57
E843349		2.66	0.007		0.02	7.86	4.6	1600	2.77	0.69	0.28	<0.02	180	35.2	65	5.85
E843350		3.66	0.005		0.07	7.61	5.7	3410	1.06	0.1	0.7	<0.02	85	29.8	50	4.17
E843351		3.66	0.005		0.01	7.87	5.7	2000	1.31	0.12	0.52	<0.02	113	34.2	56	4.75
E843352		0.90	0.005		0.03	7.59	7.4	1990	0.97	0.24	0.3	<0.02	59.7	40.9	52	6.12
E843353		3.42	<0.005		0.01	7.38	5	2340	1.01	0.13	0.4	<0.02	42.9	33.8	57	4.57
E843354		5.04	0.011		0.01	7.43	5.5	1900	1.23	0.18	0.6	<0.02	63.6	51.1	55	5.97
E843355		2.46	<0.005		0.01	7.9	5.7	2370	1.75	0.16	0.61	<0.02	70.3	52	52	6.02
E843356		4.66	0.007		0.06	7.29	7.2	2220	0.92	0.26	0.44	<0.02	83.1	42.9	49	3.75
E843357		4.54	0.007		0.02	7.53	5.8	2170	0.89	0.13	0.32	<0.02	58.7	36.5	58	3.98
E843358		0.06	0.006		0.02	0.11	0.4	40	<0.05	<0.01	0.04	0.02	2.78	0.4	1	<0.05
E843359		4.86	0.014		<0.01	7.54	7.2	2160	1.3	0.19	0.49	<0.02	58.1	37	58	4.74

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CERTIFICATE OF ANALYSIS VA07125884

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E843320	11.9	5.49	20.5	0.24	2.5	0.069	5.35	67.8	19.4	1.92	1265	1.49	0.07	2.8	22
E843321	6.6	5.06	18.1	0.22	2.3	0.065	5.22	57.5	16.3	1.82	1360	2.47	0.07	2.7	16.1
E843322	3	5.31	19.55	0.24	2.6	0.057	5.11	64.8	21.8	1.83	1170	1.18	0.08	3.2	20.8
E843323	7.3	5.48	23.4	0.24	2.2	0.06	5.56	37.3	45.2	2.48	898	0.92	0.07	4	45.3
E843324	7.4	5.81	22.4	0.29	2.3	0.054	5.77	76	29.9	2.23	951	0.88	0.1	4.2	34.5
E843325	2.5	6.19	22.1	0.24	2.4	0.051	5.34	51.2	33.9	2.74	945	0.96	0.12	4.9	41
E843326	5.1	6.14	24	0.23	2.2	0.06	5.63	33.7	40.2	3.1	1140	1.02	0.08	5.1	43
E843327	8.8	5.81	20.8	0.23	2.2	0.046	4.84	43.5	26.3	2.12	839	1.16	0.07	4.4	30.4
E843328	0.8	0.04	0.24	0.06	0.9	<0.005	0.02	1.9	1.9	0.01	5	<0.05	<0.01	0.2	0.6
E843329	4.7	5.69	20.1	0.24	2.3	0.062	5.65	54.6	20.5	2.04	1155	1.56	0.07	4	23.5
E843330	16.4	6.19	18.45	0.24	2.4	0.06	5.89	46	22.8	2.45	1445	1.28	0.07	4.4	27.4
E843331	16.5	7.27	21.8	0.27	2.2	0.055	5.67	68.4	29.5	2.37	957	2.07	0.07	4.5	31.9
E843332	4.9	7.57	20.6	0.24	2.1	0.059	6.07	39.6	33.7	2.15	316	2.1	1.13	5.8	44.2
E843333	13.6	6.52	22.4	0.29	2.2	0.112	5.29	61.5	23.2	1.91	1040	2.7	0.61	4.5	24.7
E843334	45.4	4.73	19.4	0.21	2	0.103	5.44	15.1	25.8	1.86	1055	1.35	0.15	4.7	23.6
E843335	93.4	5.88	26.1	0.2	2.2	0.095	5.52	26.5	38	2.03	577	2.69	0.1	3.9	41.4
E843336	41.7	6.36	21.7	0.27	2	0.077	4.97	63	22.1	1.72	1130	5.35	0.09	3.5	35.7
E843337	30.2	4.95	34.7	0.27	2.3	0.189	5.78	57.9	60.5	3.41	651	6.35	0.14	8.6	57.1
E843338	9.3	6.23	23	0.27	2.2	0.08	5.98	62.4	30.7	1.69	665	3	0.09	4	40.1
E843339	6	7.12	24.1	0.28	2.1	0.057	5.63	66.2	35.6	1.8	565	3.38	0.08	4.2	44.5
E843340	8.5	5.44	21.6	0.29	2.2	0.045	5.7	61.8	27	1.32	502	1.89	0.09	4.4	26.6
E843341	3.5	6.07	19.55	0.34	2	0.093	6.27	89.1	25.6	1.78	917	1.74	0.08	3.3	26.9
E843342	4.3	5.17	23	0.25	2	0.063	5.6	49.5	30.5	1.67	610	2.12	0.09	4	35.6
E843343	5.7	5.07	23.8	0.26	2.2	0.064	4.78	50.8	29.2	1.4	696	1.61	0.08	3.5	28.5
E843344	16.2	6.02	24.9	0.17	2.3	0.075	5.16	63.4	38.8	1.94	563	4.01	0.09	4	47.2
E843345	15	6.08	23.6	0.16	2.4	0.081	5.52	53.1	36.8	1.86	322	2.66	0.09	4.8	41.6
E843346	13.8	6.3	23	0.18	2.4	0.055	4.86	50.8	33.2	1.72	279	2.98	0.09	4.7	38.7
E843347	12.8	6.21	20.5	0.18	2.3	0.044	4.46	67.4	27.5	1.62	398	3.79	0.09	3.9	32.8
E843348	27.1	7.25	25.4	0.22	2.4	0.054	4.63	81.8	40.9	2.14	126	4.24	0.09	5.1	44.2
E843349	17.6	4.82	46.1	0.31	2.7	0.13	5.59	92.1	64.3	2.62	175	3.11	0.08	6.2	63.8
E843350	23.7	6.09	21.5	0.25	2.1	0.06	5.99	47.4	42.8	2.1	430	2.36	0.06	4	42
E843351	5.8	6.52	24.1	0.3	2.3	0.088	6.42	62.8	32.3	2.11	279	2.82	0.06	5.1	43.3
E843352	1.7	5.9	21.3	0.25	2.2	0.052	5.62	31.6	37.8	2.41	154	3.9	0.06	4.9	48.6
E843353	5.5	5.73	21.3	0.24	2.2	0.066	6.58	21.5	36.2	1.98	209	1.86	0.07	4.9	36.9
E843354	1.4	5.62	23.6	0.25	2.1	0.099	5.56	33.6	38.1	2.54	322	1.97	0.06	5.9	40.8
E843355	2.5	6.1	28.8	0.29	2.1	0.097	7.07	38.5	36	2.37	319	2.78	0.06	6.1	39.9
E843356	84.2	6.24	20.7	0.29	2	0.054	5.61	42.6	30.4	1.85	262	4.39	0.06	4.2	36.9
E843357	2.2	5.91	21.6	0.27	2.1	0.059	5.86	30.6	34.2	1.71	169	2.04	0.07	4.2	34.2
E843358	2.1	0.07	0.34	0.05	0.9	<0.005	0.06	1.6	2.3	0.03	21	0.06	0.01	0.2	1
E843359	12.4	4.33	26	0.22	2.2	0.07	5.28	28.8	39.6	1.89	268	2	0.07	5.3	35.3

***** See Appendix Page for comments regarding this certificate *****

ALS Chemex
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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Sample Description Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E843320	670	4	90.8	0.002	0.05	1.91	13.6	<1	2.4	25.7	0.23	0.06	15.4	0.138	0.42
E843321	630	3.4	92.6	<0.002	0.02	1.8	13.9	<1	2.1	27.7	0.21	<0.05	15.4	0.138	0.37
E843322	690	3.6	97	0.002	0.03	1.97	14.9	1	2.3	32.2	0.27	0.08	16.4	0.155	0.41
E843323	720	3.9	156	0.002	0.02	1.89	12.8	1	2.8	24	0.32	<0.05	16.9	0.181	0.5
E843324	740	3.9	131	0.003	0.03	1.93	14.6	1	3	26.2	0.33	<0.05	15.6	0.184	0.44
E843325	730	3.8	163.5	0.006	0.01	2.05	13.2	1	3	23.3	0.4	<0.05	18.8	0.215	0.45
E843326	700	3.1	170.5	0.002	0.02	1.94	13.6	<1	3	23.7	0.4	<0.05	14.9	0.208	0.43
E843327	670	3.4	118	0.002	0.02	2.2	12.3	<1	3	20.2	0.35	<0.05	14.6	0.18	0.36
E843328	20	1.4	1	<0.002	0.01	0.05	0.2	<1	<0.2	2	<0.05	<0.05	0.4	0.006	<0.02
E843329	710	3.5	98.5	0.004	0.03	2.12	13.5	<1	3.1	23.9	0.33	<0.05	13.4	0.165	0.38
E843330	690	3.7	137.5	0.002	0.02	2	12.4	1	2.9	28.4	0.35	0.08	13.8	0.185	0.35
E843331	830	4.9	135.5	0.002	0.02	2.01	13.4	<1	3.4	24.1	0.37	0.07	14.9	0.168	0.35
E843332	880	2.8	160	0.002	0.01	2.25	12.7	1	4	24.9	0.44	0.13	13.8	0.198	0.35
E843333	830	3.5	115.5	0.003	0.08	2.37	14	1	4.1	53.8	0.34	<0.05	14.6	0.173	0.36
E843334	710	5.8	132.5	0.004	0.29	2.11	14.1	<1	3.7	138.5	0.35	<0.05	14.9	0.161	0.33
E843335	820	4.7	131.5	0.003	0.07	3.38	13.2	<1	4	43.7	0.29	<0.05	15.5	0.152	0.41
E843336	780	4.3	109	0.002	0.03	2.62	12.4	1	3.7	30.8	0.28	0.27	15.7	0.15	0.35
E843337	800	4.4	234	0.019	0.01	3.12	17	1	5.8	15.1	0.65	0.31	18.5	0.256	0.45
E843338	820	4.2	133.5	0.002	0.05	2.68	14.4	<1	3.7	26.8	0.32	<0.05	18	0.176	0.45
E843339	830	3.6	147.5	0.002	0.12	2.81	12.3	<1	3.7	32.8	0.35	<0.05	15.8	0.194	0.49
E843340	770	4.4	125.5	0.002	0.05	2.64	13.3	<1	3.3	44.5	0.35	0.05	18.1	0.181	0.46
E843341	740	4.1	147.5	0.004	0.04	2.51	17	1	3.2	49.2	0.27	<0.05	16.5	0.158	0.4
E843342	740	3.6	144	0.006	0.09	2.47	13.5	<1	3.2	76.9	0.32	<0.05	14.5	0.167	0.46
E843343	760	3.5	123	0.003	0.05	2.37	13.4	<1	3.4	52.9	0.29	<0.05	15.6	0.149	0.44
E843344	840	3.5	133.5	<0.002	0.07	2.53	15.7	2	3.7	49.6	0.34	<0.05	18.2	0.168	0.5
E843345	810	3.6	143	<0.002	0.05	2.56	15.4	2	3.5	32.9	0.41	<0.05	18.3	0.201	0.55
E843346	840	3	137	<0.002	0.04	2.63	15	2	3.6	35.8	0.4	<0.05	18.1	0.195	0.55
E843347	790	3.1	113	<0.002	0.06	2.52	13.3	2	3.1	52	0.36	<0.05	19	0.163	0.45
E843348	820	4	155	<0.002	0.05	3	16.4	2	4	23.8	0.46	0.05	16.1	0.2	0.65
E843349	780	3.7	170.5	0.003	0.03	3.1	44.5	<1	8.6	25	0.52	0.4	16	0.212	0.48
E843350	700	3.5	174	0.002	0.08	2.32	9.8	1	2.8	62.4	0.34	<0.05	13.1	0.163	0.44
E843351	740	4	190	0.002	0.01	2.57	15.1	1	3.9	23.4	0.44	<0.05	17.3	0.19	0.44
E843352	700	4.2	201	<0.002	<0.01	2.57	7.8	<1	2.9	20.5	0.46	0.11	13.6	0.188	0.51
E843353	690	3.7	171.5	<0.002	0.02	2.41	9.7	<1	2.8	30.5	0.42	<0.05	12.5	0.181	0.45
E843354	670	3.5	183	0.002	0.01	2.39	13.6	<1	3.4	21.1	0.51	0.07	14.3	0.208	0.51
E843355	760	4	244	0.002	0.02	2.52	19.3	1	5.4	26.3	0.51	0.06	18.6	0.208	0.48
E843356	700	3.9	140	0.002	0.02	2.5	11.8	1	3	25.8	0.36	0.09	13.1	0.156	0.4
E843357	710	3.5	153.5	<0.002	0.01	2.27	13.5	1	3.2	23.7	0.34	0.06	14.6	0.172	0.43
E843358	20	1.3	1.9	<0.002	0.01	0.07	0.4	2	0.2	2.5	<0.05	<0.05	0.5	0.007	<0.02
E843359	690	5.3	146.5	0.002	0.01	2.37	18.3	<1	3.1	26.6	0.44	0.08	12.5	0.188	0.49

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	U-XRF10 U % 0.01
E843320		5.3	78	3.3	15.6	9	83.9	
E843321		5.8	70	2.7	15.8	8	81.9	
E843322		5.5	74	2.7	15.4	5	90.5	
E843323		5.4	78	3	13.4	11	76.9	
E843324		9.1	82	3.3	13	12	77.6	
E843325		17.5	80	3	14.1	11	82.5	
E843326		13.7	80	3	13.3	14	75.9	
E843327		7.5	73	3.2	13.3	9	76.1	
E843328		0.3	<1	<0.1	2	3	29	
E843329		11.9	74	3.5	12.7	7	77.6	
E843330		9.5	71	3.8	13.3	9	79.8	
E843331		6	79	4.7	12.6	15	75.7	
E843332		5.7	91	5.8	9.4	14	69	
E843333		6.8	81	6.5	9.8	7	70.1	
E843334		7.6	62	5.5	10.8	7	67.5	
E843335		6.7	79	5.4	8.5	12	73	
E843336		7.3	72	4.9	9.7	8	67.3	
E843337		173.5	89	12.4	12.7	13	75.9	
E843338		8.2	82	4.6	10	7	74.3	
E843339		12.7	79	4.9	9.9	7	69.3	
E843340		6.9	77	4.5	11	3	73.7	
E843341		11	74	5.7	11.7	4	65.4	
E843342		34	72	4.7	9.9	5	66.9	
E843343		6.6	74	5.6	9.6	5	70.5	
E843344		8.5	88	7.6	11.6	8	74.6	
E843345		9.1	90	9.4	10	9	77.8	
E843346		9.9	86	10	10.1	8	78.4	
E843347		9.3	76	7.6	11.1	8	73.4	
E843348		12	90	7.7	10.6	10	75.5	
E843349		16.7	127	10.9	10.2	13	80.5	
E843350		21.6	71	6.7	8.9	8	64.4	
E843351		18.3	82	7.1	9.6	9	70.8	
E843352		209	65	5.5	9.9	9	67.7	
E843353		12.1	70	6.2	6.9	8	65.1	
E843354		17	76	7.5	9.2	9	65.5	
E843355		15.1	84	8.1	9.8	8	65	
E843356		20.7	67	8	7.9	8	63.2	
E843357		7.9	77	6.3	8.2	7	63.8	
E843358		0.3	1	0.1	2	4	27.4	
E843359		20.1	75	4.1	7.5	11	64.8	

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E843360		3.34	0.006		0.06	7.72	6.3	2270	1.31	0.14	0.35	<0.02	103.5	41	57	5.51
E843361		5.14	<0.005		0.02	7.85	6.5	2500	0.84	0.1	0.34	<0.02	73.3	30.1	55	3.46
E843400		3.98	0.008		<0.01	8.32	53.6	690	7.31	0.82	0.35	<0.02	93.4	26.3	79	18.85
E843401		1.04	0.045		0.02	5.72	99.7	380	3.85	0.61	1.7	<0.02	73.8	54.7	29	9.48
E843402		1.88	0.010		<0.01	8.34	57.5	720	8.93	2.32	0.52	<0.02	79.5	26.4	79	17.5
E843403		7.48	0.008		<0.01	8.14	32.9	660	4.55	3.57	0.26	<0.02	82.2	18.7	81	18
E843404		5.58	<0.005		<0.01	8.15	41.2	620	4.07	2.74	0.34	<0.02	38.7	21.2	71	19.3
E843405		1.40	0.006		<0.01	8.47	3.6	540	4.25	5	0.67	<0.02	99.5	13.6	69	17.8
E843406		0.60	0.033		0.1	5.93	10.3	220	0.61	2.07	2.62	<0.02	9.11	25.6	19	6.34
E843407		4.68	0.008		<0.01	7.81	108.5	520	4.68	3.88	0.3	<0.02	98.2	48.4	69	15.95
E843408		7.04	0.033		<0.01	8.57	18	640	8.69	1.83	0.15	<0.02	72	10.1	69	19.35
E843409		1.50	0.007		<0.01	7.74	5.7	550	4.53	1.02	0.53	<0.02	155.5	8.7	64	14.9
E843410		0.54	0.108		0.15	7.17	20.9	260	3.1	2.3	1.34	<0.02	24.5	33.4	49	6.11
E843411		3.16	<0.005		<0.01	8.3	2	590	4.3	1.4	0.64	<0.02	84.2	9.2	75	17.25
E843412		4.70	0.005		<0.01	8.37	5.2	700	4.44	0.91	0.56	<0.02	65.3	8.5	72	18.9
E843413		1.50	0.108		0.1	6.66	42.2	60	1.81	5	3.16	<0.02	86.8	95.9	26	1.56
E843414		0.06	0.006		0.01	0.06	0.7	10	<0.05	<0.01	0.02	0.02	2.53	0.2	1	<0.05
E843415		4.86	0.007		0.01	7.48	12.8	180	2.37	0.47	0.96	<0.02	269	39.7	61	2.84
E843416		4.98	<0.005		<0.01	8	1.6	240	2.03	0.04	0.64	0.02	82	13.9	22	0.68
E843417		3.78	<0.005		0.02	8.95	3	120	2.21	0.11	0.4	<0.02	105.5	22.9	20	0.99
E843418		10.18	<0.005		0.01	8.08	4.8	50	2.02	0.11	0.85	0.02	214	55.3	40	0.41
E843419		0.06	1.050	1.02	35.1	3.94	1235	470	0.58	28.6	6.08	0.41	23.1	41.4	243	1.14
E843420		5.70	<0.005		<0.01	8.42	7.1	310	2.72	0.24	0.75	<0.02	417	101.5	59	5.33
E843421		2.04	<0.005		<0.01	8.58	4.8	830	3.37	0.3	0.34	<0.02	24.9	20.4	66	16.7
E843422		6.62	0.014		<0.01	8.73	45.2	520	3.23	0.23	0.34	<0.02	71.5	38.9	84	18
E843423		7.04	<0.005		<0.01	8.96	38.5	520	3.16	0.32	0.28	<0.02	80.3	25	85	19.85
E843424		0.04	0.006		0.02	0.07	0.3	10	<0.05	<0.01	0.01	<0.02	3.6	0.1	1	<0.05
E843425		5.30	0.016		<0.01	8.92	45.6	550	3.16	1.71	0.33	<0.02	109.5	28.4	83	19.35
E843426		5.70	<0.005		<0.01	8.47	32.3	500	3.31	0.77	0.27	<0.02	68.4	21.6	84	19.8
E843427		4.62	0.020		<0.01	8.21	54.5	450	2.92	0.73	0.4	<0.02	67	27	78	17.95
E843428		6.74	<0.005		0.02	8.35	28.3	470	3.83	0.93	0.18	<0.02	57.3	18.2	75	18.35
E843429		0.06	<0.005		0.02	0.07	0.3	10	<0.05	0.01	0.01	0.02	2.62	0.1	1	<0.05
E843430		6.64	<0.005		<0.01	8.93	32.3	480	4.37	0.95	0.27	<0.02	53.7	19.4	76	18.35
E843431		6.52	<0.005		<0.01	8.98	44.6	510	5.09	1.09	0.21	<0.02	85.2	24.4	84	19.05
E843432		4.80	<0.005		<0.01	9.05	33.9	490	4.98	0.96	0.2	<0.02	84.7	19.4	89	18
E843433		6.94	<0.005		<0.01	9.64	34.9	550	5.81	0.71	0.17	<0.02	90.1	31.5	99	19.75
E843434		8.90	0.005		0.01	9.11	41.1	490	4.75	5.38	0.19	<0.02	104	26.9	91	18.15
E845841		1.58	0.025		0.16	6.83	14.5	290	1.77	2.21	4.18	<0.02	>500	58	34	4.56
E845842		2.58	0.012		0.08	6.33	7.6	230	1.25	0.84	4.82	<0.02	210	34.5	28	3.88
E845843		2.42	0.005		0.02	6.06	4.5	400	0.88	0.21	4.49	<0.02	63.6	18	29	2.82

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E843360	29	5.57	28.8	0.33	2.1	0.066	6.1	52.3	42.9	2.15	188	2.26	0.07	4.1	47
E843361	3.1	5.32	21.7	0.26	2.1	0.038	5.79	37.6	29.2	1.33	153	1.62	0.08	3.4	31.5
E843400	221	2.92	25.8	0.22	1.8	0.163	3.53	48.8	11.2	0.27	977	0.31	0.23	12.6	42.1
E843401	278	13.15	12.9	0.35	0.7	0.095	0.69	37.9	37.8	0.9	21500	0.87	0.56	4.8	73.6
E843402	202	2.93	24.2	0.2	1.9	0.161	3.54	41.7	13.9	0.29	1460	0.88	0.19	12.1	39.2
E843403	310	3.25	24.7	0.21	1.8	0.152	3.35	41.4	17.9	0.41	618	1.96	0.15	11.6	48
E843404	197	3.22	23.5	0.18	1.7	0.154	3.3	19.7	11	0.26	895	1.01	0.15	12.2	43.8
E843405	536	7.65	25.9	0.34	1.4	0.167	2.92	49.6	27.6	0.5	1885	0.24	0.12	12.7	74.7
E843406	3190	22.2	11.8	0.64	0.4	0.243	0.22	5	25.4	1.04	42200	0.91	0.01	4.6	59.9
E843407	582	6.38	22.4	0.28	2	0.155	2.65	51.1	17.7	0.44	5130	0.22	0.12	12.2	77
E843408	286	2.14	25	0.18	1.7	0.169	3.62	36.4	7	0.19	542	0.23	0.17	13	24.9
E843409	810	3.8	22.8	0.3	1.5	0.152	2.92	82.1	17	0.31	813	0.27	0.13	11.1	44.7
E843410	8730	15.35	16.15	0.36	0.9	0.442	1.21	12.8	40.5	0.81	15200	0.52	0.04	6.7	85.4
E843411	96.2	4.74	24.4	0.28	1.6	0.159	3.02	43	17	0.52	1005	0.29	0.13	12.2	54.2
E843412	272	2.4	25.2	0.2	1.8	0.158	3.35	33.6	11.7	0.3	582	0.84	0.32	12.6	43.9
E843413	8940	7.35	12.2	0.32	0.7	0.18	0.22	46.9	53	0.91	2380	1.47	3.15	5.1	139.5
E843414	16.8	0.03	0.22	0.06	0.9	<0.005	0.01	1.5	2.2	0.01	10	0.05	0.01	0.1	0.6
E843415	166.5	1.54	19.95	0.37	1.6	0.043	0.86	137	17.5	0.42	661	2.23	4.19	6.4	25.4
E843416	122.5	0.6	16.1	0.18	2	0.02	0.33	38	5.5	0.19	461	0.96	6.57	4.6	7.5
E843417	22.7	2.17	16.85	0.23	1.3	0.023	0.61	53.5	18.6	0.38	322	0.27	5.86	2	22.5
E843418	60.8	1.29	15.9	0.33	1.9	0.017	0.14	107.5	14.2	0.26	562	0.16	6.56	4.4	15.8
E843419	4060	3.85	13.1	0.21	0.7	0.208	1.32	17.3	13	0.73	1655	666	0.62	1.6	18.7
E843420	16.5	1.37	24	0.45	2	0.042	1.25	209	8.8	0.19	340	0.47	4.71	4.9	25.4
E843421	35.4	1.29	24.1	0.14	1.9	0.118	3.39	12.4	8.7	0.23	189	0.32	0.69	11.7	25.1
E843422	114	5.06	22.9	0.23	1.3	0.118	2.98	36.7	34.7	0.66	1010	0.27	0.25	9.8	44.6
E843423	86.2	6.28	23.8	0.26	1.3	0.125	2.81	40.8	39.2	0.65	2670	0.19	0.22	11	42
E843424	1.2	0.03	0.28	0.07	0.9	<0.005	0.01	1.8	2	<0.01	7	0.15	0.01	0.1	0.4
E843425	265	5.04	23.5	0.28	1.4	0.134	3.07	54.8	29	0.57	1490	0.36	0.24	10.6	41.3
E843426	72.2	5.66	22.5	0.27	1.4	0.133	2.79	34.3	33.4	0.58	2290	0.16	0.18	10.9	33.8
E843427	52	6.15	20.9	0.25	1.2	0.132	2.59	33.4	32.2	0.57	3700	0.14	0.17	10.3	43.4
E843428	144	4.17	21.9	0.23	1.5	0.173	2.94	28.7	23.5	0.54	1575	0.16	0.17	11.4	31.6
E843429	1.3	0.02	0.25	0.05	0.9	<0.005	0.01	1.5	2	<0.01	7	0.05	<0.01	0.1	0.7
E843430	134.5	4.98	23.3	0.24	1.7	0.175	3.14	26.5	28.2	0.51	2500	0.18	0.18	12.4	38.6
E843431	213	4	23.9	0.26	1.4	0.19	3.21	43.3	19.7	0.36	1530	0.2	0.18	11.8	37.1
E843432	118	4.94	24.4	0.28	1.4	0.182	3.24	42.2	27.2	0.46	1140	0.35	0.16	11.3	40.5
E843433	125	3.86	25.8	0.28	1.5	0.183	3.73	45.4	21.9	0.4	715	0.63	0.18	11.5	42.6
E843434	387	4.2	24	0.27	1.4	0.188	3.39	51.2	22.8	0.43	1815	0.33	0.17	10.7	46.1
E845841	11.6	4.22	18.95	0.6	2.1	0.118	3.93	352	29.1	3.11	2630	9.53	0.05	7.5	24.1
E845842	7.2	4.8	15.2	0.32	1.8	0.107	3.29	128.5	32.1	3.79	3050	6.62	0.04	6.2	20.8
E845843	12.5	6.52	12.7	0.22	1.5	0.068	3.64	37.6	32.3	3.75	2680	1.88	0.05	5.2	15.8

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ALS Chemex
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700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E843360	780	3.6	176.5	<0.002	0.01	2.4	19.9	1	3.8	28.8	0.35	0.08	14.8	0.177	0.5
E843361	740	4	151	<0.002	0.01	2.41	13	<1	2.8	30.6	0.28	<0.05	15.5	0.154	0.47
E843400	450	1.7	239	<0.002	0.03	0.64	17.2	<1	2.1	88	0.9	<0.05	12.8	0.371	1.05
E843401	570	139.5	101.5	0.003	0.04	0.59	39.6	1	0.6	33.8	0.36	<0.05	6.6	0.114	0.4
E843402	370	1.8	251	<0.002	0.03	1.03	17.4	<1	2	80.1	0.86	0.05	12.1	0.361	1.08
E843403	400	1.9	230	0.002	0.04	0.62	16.6	<1	2	77.5	0.79	<0.05	13.4	0.331	1.01
E843404	410	1.6	231	<0.002	0.03	0.41	16	<1	2	81.1	0.84	<0.05	12.9	0.328	1.08
E843405	490	1.7	210	<0.002	0.07	0.76	15.4	<1	1.9	73.2	0.86	<0.05	13.7	0.325	0.96
E843406	210	0.8	49	<0.002	0.43	0.32	16.5	1	0.5	11.6	0.38	<0.05	3.4	0.139	0.22
E843407	400	1.5	196	<0.002	0.09	0.69	15.5	1	1.7	65.6	0.81	0.07	12.5	0.313	0.92
E843408	350	1.6	249	<0.002	0.04	0.65	16.1	<1	2.1	91	0.88	<0.05	13.4	0.359	1.12
E843409	340	1.6	205	<0.002	0.09	0.95	15	<1	1.8	71.6	0.76	0.11	12.3	0.276	0.88
E843410	460	1.3	105	<0.002	0.98	0.78	17.8	2	1.5	25.4	0.45	0.42	8.2	0.175	0.41
E843411	450	2.2	224	<0.002	0.02	0.41	15.9	3	2.2	77.6	0.74	<0.05	13	0.292	0.96
E843412	450	3.6	243	<0.002	0.04	0.49	17.3	1	2.3	85.4	0.86	<0.05	14	0.318	1.06
E843413	780	1.8	16.7	<0.002	1.69	0.59	6.6	4	0.4	113.5	0.35	1.97	11.5	0.143	0.14
E843414	10	1	0.3	<0.002	0.01	<0.05	0.3	2	<0.2	2.2	<0.05	<0.05	0.3	0.005	<0.02
E843415	410	2.4	65	<0.002	0.21	0.42	13	1	0.9	98.4	0.47	0.15	12	0.177	0.24
E843416	110	2.3	20.6	<0.002	0.07	0.56	3.5	1	0.5	61.2	0.37	<0.05	8.7	0.165	0.1
E843417	50	2.4	59.3	<0.002	0.13	0.52	3	1	0.4	59	0.19	<0.05	26.2	0.074	0.14
E843418	210	2.4	5.4	<0.002	0.3	0.77	3	1	0.4	67.3	0.38	0.07	11.7	0.166	0.05
E843419	520	61	33.1	0.068	0.67	84	6	4	2.7	260	0.1	3.27	1.3	0.109	0.21
E843420	340	2.2	76.7	<0.002	0.61	0.59	10.8	2	1.2	88.1	0.36	0.09	10	0.18	0.36
E843421	600	2.4	218	<0.002	0.07	0.63	17.6	2	2.3	107	0.84	0.06	11.9	0.376	1.05
E843422	560	1.5	189.5	<0.002	0.05	0.56	15.8	2	2.1	86.9	0.69	<0.05	13.3	0.316	0.98
E843423	590	1.6	191	<0.002	0.02	0.93	16.7	2	2.3	85.4	0.78	<0.05	14.3	0.37	1.12
E843424	20	1.3	0.4	<0.002	0.01	0.05	0.2	2	<0.2	2.1	<0.05	<0.05	0.5	0.006	<0.02
E843425	530	1.7	203	<0.002	0.05	0.71	16.1	2	2.3	88.5	0.75	0.14	13.6	0.347	1.11
E843426	530	1.6	191.5	<0.002	0.02	0.64	15.4	2	2.4	83.8	0.79	<0.05	13.3	0.365	1.1
E843427	550	1.7	179.5	<0.002	0.01	0.73	14.6	2	2.2	80.5	0.75	<0.05	13.1	0.341	1.04
E843428	510	1.6	196	<0.002	0.03	0.63	14.1	2	2.2	103	0.83	<0.05	13.5	0.364	1.12
E843429	20	1.3	0.3	<0.002	0.01	0.06	0.2	2	<0.2	2.1	<0.05	<0.05	0.4	0.006	<0.02
E843430	540	1.6	206	<0.002	0.03	0.76	15.1	2	2.3	107.5	0.91	<0.05	15	0.363	1.16
E843431	520	1.5	214	<0.002	0.03	0.9	17.1	2	2.3	114	0.85	<0.05	13.8	0.37	1.22
E843432	540	1.4	208	0.002	0.02	0.9	16.6	2	2.3	102	0.8	<0.05	13.9	0.388	1.13
E843433	520	1.4	236	<0.002	0.04	0.82	18.5	2	2.3	111.5	0.82	<0.05	14.5	0.41	1.27
E843434	520	1.6	218	<0.002	0.07	0.76	17.2	2	2.2	97.7	0.75	0.06	13.8	0.365	1.15
E845841	1030	3	132	0.005	0.67	2.08	12.4	4	5.1	23.3	0.58	0.14	18	0.215	4.9
E845842	810	1.9	104.5	0.002	0.34	1.58	11.5	3	3.7	19.1	0.52	0.09	14.1	0.203	1.54
E845843	730	1.3	96.5	0.002	0.08	1.04	11.7	2	2.7	20.6	0.46	<0.05	12.9	0.201	0.62

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CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	U-XRF10 U % 0.01
E843360		12.8	90	5.7	8.2	10	64.8	
E843361		9.6	70	4.5	9.2	6	66.1	
E843400		2.7	82	1.5	13	8	55.7	
E843401		1.6	37	0.5	186	28	17.8	
E843402		3.2	83	1.4	23.1	9	59.6	
E843403		3	78	1.3	12.9	13	55.8	
E843404		2.3	73	1.3	11.4	8	52.4	
E843405		1.7	66	1.3	17.5	21	45.1	
E843406		1	32	0.7	23.4	29	10.5	
E843407		2.1	72	1.1	17.2	14	63.8	
E843408		2.2	82	1.5	11.4	5	53.4	
E843409		1.8	65	1.3	16.2	11	46	
E843410		1.9	53	0.5	34.8	19	26.3	
E843411		1.8	75	1.2	15.8	13	51.3	
E843412		2.5	76	1.4	19.4	8	56.4	
E843413		1.3	29	0.4	13.1	20	22.7	
E843414		0.2	<1	<0.1	1.9	4	25.6	
E843415		3.6	52	1.3	11	9	49.1	
E843416		1.7	15	1.6	5	8	65.4	
E843417		4.4	22	0.6	4.6	13	41.7	
E843418		1.9	21	1.7	7.1	11	59.3	
E843419		2.3	56	14.5	9.8	108	20.4	
E843420		2.8	54	2.1	11.1	9	68.1	
E843421		2.7	81	1.8	12.1	4	63.1	
E843422		2.2	87	1.8	11.2	18	46.8	
E843423		2	91	1.7	15.8	19	44.9	
E843424		0.2	<1	<0.1	1.9	3	31.5	
E843425		1.9	88	1.8	12.5	17	51.7	
E843426		1.7	86	1.7	11.9	17	48.4	
E843427		1.7	82	1.5	14.3	16	44.4	
E843428		2.1	78	1.6	15.1	8	55.1	
E843429		0.2	1	<0.1	1.7	4	29.9	
E843430		2.3	83	1.8	15.2	9	58.7	
E843431		2.3	88	1.8	13.2	6	47.5	
E843432		2.3	94	1.7	12.1	8	52.1	
E843433		2.4	107	1.7	11.8	6	54.8	
E843434		2	96	1.8	14	5	48.7	
E845841		49.7	77	8.7	16.8	10	70.9	
E845842		14.7	74	6.8	11.5	10	63	
E845843		10.2	69	4.7	8.5	15	52.3	

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E845844		2.12	0.006		0.1	6.58	6.7	250	1.16	0.28	3.3	<0.02	90	19.9	30	3.67
E845845		3.14	<0.005		0.04	6.85	2.4	250	1.84	0.2	5.07	<0.02	139	10.9	31	4.58
E845846		2.94	0.013		0.13	7.39	10.7	180	1.95	3.15	4.24	<0.02	269	40	38	4.56
E845847		2.80	0.006		0.03	6.11	9.4	120	1.26	0.28	4.82	<0.02	193.5	23.2	29	3.39
E845848		2.66	<0.005		0.02	6.52	2.8	290	2.05	0.21	5.02	<0.02	346	14.8	27	4.13
E845849		1.82	0.005		0.02	6.27	2.1	140	1.68	0.4	5.18	<0.02	150	9.3	28	5.87
E845850		2.98	<0.005		0.01	6.25	1.6	200	1.7	0.09	4.17	<0.02	120	7.4	30	5.27

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Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E845844		4.5	5.83	14.85	0.27	1.9	0.07	3.47	52.4	40.9	3.43	2220	4.12	0.04	6.7	22
E845845		3.8	4.3	20.5	0.29	1.9	0.192	3.65	75.5	23.3	3.42	3400	1.7	0.04	7	12
E845846		4.3	5.47	21.5	0.39	2.2	0.148	3.25	148.5	40.3	4.02	2740	6.41	0.04	7.8	27.9
E845847		3.1	5.64	15.05	0.32	1.9	0.097	2.3	111.5	43	4.35	3050	9.96	0.03	9.4	30
E845848		2	4.24	19.1	0.45	1.7	0.147	3.36	190.5	29.7	3.62	3440	1.14	0.03	5.4	16.2
E845849		2.1	3.59	14.85	0.29	1.9	0.15	3.39	80.6	22.8	3.44	3220	1.08	0.03	6.2	9.2
E845850		1.1	4.24	17.5	0.26	1.5	0.117	3.46	64.5	18.3	2.77	2530	0.56	0.03	3.3	7.8

***** See Appendix Page for comments regarding this certificate *****

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 10-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845844		740	1.4	95.4	0.002	0.06	1.33	10.2	3	2.5	16.8	0.55	0.05	13.5	0.2	0.48
E845845		690	2.6	155.5	<0.002	0.05	1.73	17.2	2	4.6	12.7	0.63	<0.05	14.4	0.236	0.38
E845846		910	3.4	134.5	0.003	0.62	1.98	15.6	5	4.3	14.2	0.66	0.21	17.1	0.256	0.79
E845847		980	3.3	81.9	0.002	0.17	1.59	11.4	2	2.7	17.2	0.63	0.08	14	0.215	0.37
E845848		730	4.3	150	0.002	0.02	1.44	11.5	2	3.3	14.1	0.44	<0.05	12.8	0.187	0.35
E845849		800	2.5	136.5	0.002	0.02	1.72	9.3	2	2.6	12.7	0.53	0.07	16.3	0.212	0.41
E845850		660	1.6	147	<0.002	0.01	1.47	12.8	2	3	10.8	0.3	<0.05	13.9	0.168	0.37

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CERTIFICATE OF ANALYSIS VA07125884

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E845844		12.1	67	5.8	9.3	17	70.6	
E845845		9.9	75	6.2	11.4	7	67.7	
E845846		17.1	86	8.2	12.5	12	77.9	
E845847		13.1	140	6.5	11.6	14	66	
E845848		6.9	63	5.5	11	9	58.3	
E845849		7.9	53	5.7	10.6	8	69.6	
E845850		6.4	63	4.1	8.3	5	54.3	

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125884

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 11-DEC-2007
Account: EIAFRG

CERTIFICATE VA07125885

Project: Werneckes

P.O. No.: FRG07-01

This report is for 71 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07125885

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
G242117		3.06	0.275		0.33	6.97	0.8	610	0.76	2.82	2.34	0.02	89.1	13.1	46	1.32
G242118		3.04	1.670	1.51	0.39	5.91	0.6	440	1.12	3.69	3.19	<0.02	72.3	6.7	45	1.13
G242119		4.46	0.056		0.13	5.31	<5	440	1.12	0.39	14.15	<0.02	26.1	7.6	36	0.45
G242120		4.68	0.145		0.05	6.5	<0.2	840	2.14	0.43	5.79	<0.02	22.9	5.3	45	1.62
G242121		4.48	0.035		0.02	6.79	<0.2	1320	2	0.2	4.69	<0.02	24	6.1	47	1.29
G242122		4.04	<0.005		<0.01	6.34	<0.2	1500	0.8	0.04	8.14	<0.02	23.3	5.4	36	1.06
G242123		4.62	0.072		0.04	6.67	<0.2	1350	0.53	0.36	6.57	<0.02	12.85	9.9	55	0.66
G242124		4.40	<0.005		<0.01	6.78	<0.2	2480	0.53	0.03	6.96	<0.02	15.25	6.7	40	0.94
G242125		4.32	<0.005		0.01	6.11	<0.2	2850	0.45	0.03	5.73	<0.02	7.15	5.4	37	0.89
G242126		3.94	<0.005		<0.01	6.37	0.5	2880	0.77	0.04	4.5	0.02	4.99	6	45	0.87
G242127		0.04	<0.005		0.02	0.07	<0.2	20	<0.05	<0.01	0.03	0.02	2.86	0.2	1	<0.05
G242128		1.36	<0.005		0.02	6.26	<0.2	3400	0.87	0.03	4.14	<0.02	7.43	5.3	41	0.99
G242129		6.82	<0.005		<0.01	6.56	<0.2	3400	2.55	0.02	4.4	<0.02	26	5.3	32	1.52
G242130		8.62	<0.005		<0.01	6.43	<0.2	2030	2.56	0.02	5.22	<0.02	49.5	5.8	35	1.4
G242141		7.12	0.026		0.01	6.38	0.5	2080	2.96	0.1	5.27	<0.02	94.1	12	34	2.26
G242142		5.68	<0.005		0.01	6.38	<0.2	1470	2.97	0.07	5.38	<0.02	90.8	12	33	2.46
G242143		2.62	0.032		0.01	6.19	<0.2	1250	3.2	0.14	5.38	<0.02	55.6	18.7	33	2.28
G242144		1.98	0.360		0.18	3.37	<5	350	7.13	2.64	19.6	0.03	98.7	104	13	0.83
G242145		4.42	0.068		0.06	5.96	<5	50	5.36	0.12	10.65	0.02	80.8	22.6	21	0.24
G242146		4.94	<0.005		0.03	5.36	8	40	2.46	0.04	13.3	<0.02	83.6	16.7	24	0.23
G242147		4.42	0.061		0.04	4.47	<5	50	2.59	0.21	12.2	<0.02	51.6	108.5	16	0.31
G242148		4.06	0.009		0.05	4.6	<5	50	3.52	0.09	12.15	<0.02	50.3	24	18	0.3
G242149		4.08	0.005		0.03	4.26	<5	50	0.95	0.07	11.5	<0.02	45.9	17.5	18	0.33
G242150		2.26	0.010		0.07	4.12	<5	60	0.97	0.13	10.25	<0.02	54.7	26.2	18	0.4
G242151		3.04	0.008		0.36	5.77	1.5	50	1.18	0.12	6.14	<0.02	16.55	9.1	24	0.33
G242152		4.26	<0.005		0.2	7.02	1.2	170	6.4	0.07	7.69	<0.02	33.7	15.4	20	0.34
G242153		4.96	<0.005		0.04	5.09	12	610	1.09	0.05	10.85	0.02	41.5	13	16	0.44
G242154		5.34	<0.005		0.07	4.96	<0.2	50	2.77	0.11	9.84	<0.02	61	11.4	20	0.25
G242155		4.64	<0.005		0.03	4.38	<5	40	0.61	0.08	12.05	0.02	76.7	31.1	23	0.16
G242156		4.00	<0.005		0.02	4.82	<5	40	0.58	0.09	10.85	<0.02	96.8	20.7	22	0.21
G242157		6.08	<0.005		0.03	4.74	<5	20	0.7	0.06	10.6	<0.02	141	21.3	22	0.16
G242158		3.92	<0.005		0.08	5.11	0.4	20	0.39	0.07	8.43	0.02	124.5	21.4	25	0.14
G242159		1.52	<0.005		0.03	5.11	0.2	30	0.62	0.04	9.56	0.03	114	14	24	0.14
G242160		0.08	0.887		38.7	4.37	1055	510	0.59	32.1	6.78	0.82	25.8	43.6	293	1.11
G242161		5.44	<0.005		0.07	5.05	0.8	30	0.47	0.03	9.68	<0.02	146.5	12.4	23	0.14
G242162		4.76	<0.005		0.05	5.57	1.1	30	0.62	0.05	9.09	<0.02	89.7	15.1	28	0.17
G242163		5.00	<0.005		0.05	4.7	0.8	20	0.36	0.06	8.79	0.02	115	15.7	24	0.15
G242164		5.46	0.007		0.05	4.44	0.7	30	0.34	0.09	9.19	0.02	95.5	29.5	23	0.19
G242165		5.08	<0.005		0.05	5.35	0.5	30	0.45	0.05	8.19	<0.02	116	10.3	26	0.18
G242166		4.50	<0.005		0.07	4.05	0.4	30	0.44	0.11	8.83	<0.02	116	18.8	25	0.2

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CERTIFICATE OF ANALYSIS VA07125885

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
G242117	>10000	2.26	21	0.26	2.4	0.181	3.97	51.1	8.6	0.57	328	2.89	0.62	5.8	49.2
G242118	>10000	2.72	18.9	0.28	1.7	0.285	4.04	39.2	3.5	0.45	322	44.7	1.19	4.6	32.4
G242119	4340	1.94	20.4	0.16	1.1	0.086	1.79	13.9	2.1	0.83	1045	136	1.28	4.3	31.6
G242120	2950	2.35	23.6	0.18	1.4	0.143	4.28	11.9	6.1	0.69	1000	50.5	0.72	7.3	33.8
G242121	1200	1.51	23.8	0.2	1.8	0.079	4.33	12.3	5.7	0.69	823	18.05	1.57	8.4	35.4
G242122	291	1.11	19.5	0.17	1.6	0.053	4.74	12.6	4.3	0.64	1470	4.11	0.56	7	24.9
G242123	1430	1.71	26.4	0.16	1.1	0.04	3.29	6.6	2.9	1.11	1010	0.72	0.82	5.1	40.7
G242124	156	1.33	18.6	0.16	1.1	0.026	5.17	7.9	3.8	0.75	1210	0.33	0.61	5.9	23
G242125	70.8	0.89	17.6	0.18	1.5	0.017	4.83	3.5	3.1	0.48	916	2.05	0.45	7.3	16.9
G242126	65.4	1.04	20.6	0.19	1.4	0.014	4.98	2.4	3.2	0.64	770	0.21	0.44	5.7	20.9
G242127	3.2	0.01	0.34	0.17	0.9	<0.005	0.01	1.6	2	0.01	8	0.1	0.01	0.2	<0.2
G242128	31.4	0.87	18.95	0.21	1.6	0.016	5.86	3.7	3.4	0.48	683	0.16	0.54	7.4	16.2
G242129	27.6	1.02	17	0.21	3	0.029	5.46	13.4	7.4	0.52	668	0.29	1.41	8.8	13.6
G242130	22.9	1.33	16.1	0.25	1.6	0.027	3.74	30.7	11.2	0.79	721	0.17	2.05	6.7	14.9
G242141	315	2.43	21.9	0.25	2.1	0.041	3.51	45.6	15.6	1.06	1215	1.12	1.29	5.8	38
G242142	275	2.19	19.65	0.26	1.9	0.047	3.53	45.7	14.3	1	1335	0.42	1.23	4.9	30.7
G242143	551	1.64	22.2	0.24	2.6	0.084	3.74	27.9	12	0.7	1270	1.12	1.44	5.8	26.8
G242144	7420	3.31	9.15	0.27	0.8	0.12	0.65	55.5	8.3	0.7	5980	2.61	1.12	1.7	47.4
G242145	1085	5.92	14.5	0.21	0.8	0.041	0.15	43.1	4.7	1.16	2450	2.89	4.12	1.9	10.8
G242146	392	5.99	13.55	0.22	0.7	0.039	0.18	44.1	3.5	0.94	2320	11	3.73	2.1	7.2
G242147	422	4	11.15	0.16	0.6	0.032	0.24	28.4	3	0.75	1965	2.62	3.02	2.3	28.7
G242148	483	4.99	11.55	0.17	0.7	0.03	0.2	27.7	1.9	0.89	1870	2.39	3.26	1.9	8.8
G242149	985	3.75	10.7	0.14	0.6	0.033	0.21	25.4	2.4	0.55	1915	1.33	2.93	3.4	5.3
G242150	2130	5.47	10.7	0.16	0.5	0.051	0.29	30.7	3.7	0.67	2230	2.07	2.62	2.9	4.7
G242151	1805	5.1	15.4	0.13	0.4	0.053	0.21	8.8	4.6	0.56	1540	0.61	3.92	4.2	2
G242152	456	3.06	17.45	0.14	0.3	0.027	0.21	17.3	2.2	0.48	2030	0.81	5.09	2.7	2.8
G242153	469	3.11	12.3	0.13	0.5	0.036	0.27	22.5	2.8	0.54	2690	3.56	3.47	2.7	3.2
G242154	1415	4.63	12.3	0.16	0.7	0.032	0.11	33.1	1.5	0.63	1365	0.79	3.65	2.7	4.1
G242155	322	3.22	10.55	0.15	0.6	0.014	0.06	41.9	0.7	0.58	1150	1.22	3.34	2.4	10.4
G242156	219	3.32	12.65	0.18	0.7	0.013	0.05	53.1	1.8	0.74	1035	1.04	3.59	2.5	12.7
G242157	141	3.87	12.3	0.21	0.7	0.011	0.05	77.6	1.1	0.8	987	0.77	3.58	2	9.3
G242158	88	3.26	13	0.2	0.9	0.008	0.06	68.1	0.5	0.84	1015	0.94	3.91	3.2	6.6
G242159	133	2.77	12.6	0.18	0.9	0.009	0.06	61.7	0.5	0.67	935	0.92	3.91	3.8	4.6
G242160	4310	4.13	13.95	0.36	0.7	0.215	1.39	18.8	11.1	0.82	1765	713	0.66	1.8	21.7
G242161	89	3.05	13.35	0.17	0.7	0.012	0.06	80.5	0.5	0.87	1040	1.34	4.03	3.1	3.7
G242162	498	3.25	14.45	0.13	0.9	0.016	0.07	49.4	0.5	0.71	1070	1.07	4.42	4.8	3.6
G242163	676	3.33	12.15	0.14	0.7	0.02	0.06	63.2	0.5	0.8	1060	0.98	3.72	3.1	4.5
G242164	901	4.02	11.5	0.15	0.7	0.026	0.09	52.3	0.9	0.79	1230	0.69	3.46	2.9	5.5
G242165	693	3.78	13.55	0.16	0.7	0.022	0.09	65.2	0.8	0.75	1230	0.55	4.2	3	3.2
G242166	860	4.54	10.45	0.17	0.7	0.027	0.1	63.9	1.2	0.86	1320	0.7	3.14	2.2	3.8

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 11-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125885

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
G242117	680	4.1	70.8	<0.002	2.34	0.72	9.7	13	3.5	137.5	0.49	3.29	12.1	0.134	0.43
G242118	740	3.3	79.1	<0.002	2.94	0.54	11.5	18	2.8	112.5	0.39	3.34	12.1	0.114	0.4
G242119	700	1.9	54.5	<0.002	4.04	0.34	29.2	5	2	262	0.35	0.25	14.5	0.131	0.2
G242120	550	2.6	148	<0.002	0.61	0.65	15.5	3	3.5	73.6	0.57	0.3	13.7	0.178	0.36
G242121	620	2.2	107.5	<0.002	0.27	0.64	13.8	3	3	76.4	0.72	0.14	14	0.205	0.29
G242122	1020	2.6	92.1	<0.002	0.87	0.57	13.2	2	2.4	125.5	0.59	<0.05	12.2	0.177	0.27
G242123	660	1.7	90.4	<0.002	1.69	0.42	19.6	2	2.6	199.5	0.44	0.23	9.5	0.183	0.18
G242124	700	1.5	85.1	<0.002	0.5	0.51	11.1	2	1.9	131	0.49	<0.05	12	0.176	0.25
G242125	700	2.2	73.1	<0.002	0.22	0.49	9.9	2	1.6	103	0.6	<0.05	13.9	0.152	0.27
G242126	1180	2.8	74.8	<0.002	0.05	0.43	11.7	2	1.5	111.5	0.5	<0.05	17.4	0.141	0.25
G242127	10	1.9	0.5	<0.002	0.01	<0.05	0.3	1	<0.2	2.3	<0.05	<0.05	0.5	0.006	<0.02
G242128	630	3.3	86.9	<0.002	0.06	0.57	9.3	2	1.9	104	0.64	<0.05	16.6	0.169	0.27
G242129	860	2.7	98	<0.002	0.14	0.61	6.6	2	1.4	115.5	0.73	<0.05	15.4	0.156	0.29
G242130	830	2.4	143.5	<0.002	0.32	0.52	6.6	2	1.1	106.5	0.59	<0.05	14	0.141	0.22
G242141	750	2	143.5	<0.002	0.08	0.79	10.8	2	2	99.3	0.52	0.07	13.6	0.172	0.33
G242142	700	2.1	139	<0.002	0.09	0.74	9.7	2	1.5	78.6	0.42	0.05	14.5	0.128	0.32
G242143	630	2.3	146	<0.002	0.28	0.91	11.3	2	2	65.9	0.5	0.13	13.3	0.155	0.33
G242144	430	5	45.3	<0.002	3.03	0.42	16.9	14	0.6	232	0.16	1.79	6.5	0.044	0.1
G242145	650	2.6	9.1	<0.002	0.27	0.32	13.8	3	1.1	86	0.26	0.08	10.8	0.105	0.03
G242146	540	1.9	11.9	<0.002	0.11	0.32	15	3	1.2	81.9	0.28	<0.05	9.4	0.111	0.03
G242147	460	2.1	16.7	<0.002	1.5	0.32	11.2	4	1	109.5	0.21	0.23	8.4	0.085	0.04
G242148	530	2.6	14.1	<0.002	2.81	0.38	9.2	2	1	238	0.24	0.07	9.6	0.099	0.04
G242149	490	2.3	15.1	<0.002	2.04	0.48	6.3	2	1.3	168	0.32	<0.05	9.1	0.12	0.04
G242150	550	2.5	21	<0.002	0.66	0.49	8	2	1.5	77.2	0.28	0.06	9	0.12	0.05
G242151	530	3	14.8	<0.002	0.24	0.71	5.6	2	1.6	56.2	0.47	<0.05	10.8	0.181	0.04
G242152	400	2.4	13.6	<0.002	0.12	0.59	8.3	2	1.1	72.2	0.28	0.05	9.6	0.146	0.04
G242153	500	2.4	19.2	<0.002	1.63	0.6	6.3	2	1.1	208	0.26	<0.05	8.8	0.108	0.06
G242154	550	2.6	7	<0.002	2.39	0.51	5.3	2	1.2	238	0.3	<0.05	10.3	0.119	0.03
G242155	510	2.6	3.6	<0.002	2.72	0.53	5.4	2	0.9	311	0.24	<0.05	9.2	0.109	<0.02
G242156	510	2.4	3.1	<0.002	1.91	0.56	6.9	2	1.1	248	0.25	0.07	8.2	0.123	<0.02
G242157	610	2.2	2.4	<0.002	1.88	0.49	6.6	2	1.1	227	0.22	<0.05	11.2	0.127	<0.02
G242158	600	3	3.1	<0.002	0.8	0.74	6.1	2	1.2	125.5	0.32	<0.05	12.3	0.148	<0.02
G242159	640	3.5	3.5	<0.002	1.39	0.68	5.7	2	1.7	184	0.35	<0.05	11.4	0.141	<0.02
G242160	560	73.8	33	0.076	0.73	91.1	5.2	5	4.2	278	0.1	3.85	1.5	0.12	0.21
G242161	600	2.6	3.9	<0.002	1.29	0.59	6.4	1	1.2	179	0.27	<0.05	11.6	0.137	0.02
G242162	690	2.8	5.1	0.004	0.69	0.87	6.4	1	1.4	130.5	0.39	<0.05	12.5	0.168	0.02
G242163	690	4.5	4	0.006	1.14	0.61	5.7	1	1.1	135	0.27	<0.05	11	0.132	0.02
G242164	560	2.8	7.5	0.004	1.3	0.62	5.4	1	1.1	133	0.25	<0.05	11.6	0.124	0.03
G242165	550	2.2	7.2	0.004	0.51	0.76	5.5	1	1.1	91.6	0.27	<0.05	11.1	0.131	0.03
G242166	510	2.4	8	0.003	0.81	0.48	5.6	1	0.9	100	0.24	<0.05	10.2	0.125	0.03

***** See Appendix Page for comments regarding this certificate *****

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700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 11-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125885

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
G242117		3.7	56	3.2	16.7	10	82.6	1.450
G242118		3.4	58	3.1	14.5	9	59.8	2.36
G242119		2.2	81	3.3	47.1	4	37.9	
G242120		2	67	4.5	19.5	9	48.2	
G242121		2.4	64	4.5	19.6	6	65.3	
G242122		2.6	58	5	19.9	6	62.8	
G242123		1.7	107	3.1	9.4	4	37.8	
G242124		2.3	66	4.3	14.2	4	45.1	
G242125		2.4	51	4.6	14.8	6	49.5	
G242126		3	71	4.2	13.5	7	46.7	
G242127		0.2	<1	0.1	2	4	32.2	
G242128		3	52	6	11.7	7	61	
G242129		3.6	33	3.6	21	9	103.5	
G242130		2.8	30	3.9	16.3	8	59.3	
G242141		2.6	57	4.4	16.3	24	74.2	
G242142		2.1	69	4	13.4	21	77.3	
G242143		2.7	56	4.6	14.9	10	89.9	
G242144		2.2	17	2.3	66	8	26.9	
G242145		3.3	69	1.9	38.1	13	26.1	
G242146		2.4	72	1.9	28.3	8	25	
G242147		2.9	42	1.5	29.7	7	19.8	
G242148		4.9	59	1.7	18	7	25.5	
G242149		4.3	45	2.1	9.6	7	20.9	
G242150		2.7	61	2.3	10.8	10	19.3	
G242151		1.4	71	9.1	10.6	11	13.5	
G242152		2	45	3.6	20.6	7	11.1	
G242153		4.3	37	1.8	10.5	9	17.1	
G242154		4.2	46	1.9	19.1	9	22.7	
G242155		4.7	37	1	8.5	6	22.3	
G242156		5.3	52	1.2	7.7	8	26.1	
G242157		5.4	51	0.8	9.4	6	24	
G242158		5.9	44	1.2	7.1	5	29.8	
G242159		6.2	41	1.5	8.2	6	29.5	
G242160		2.6	62	17.6	10.3	113	24.8	
G242161		4.9	43	0.8	7.9	5	20.9	
G242162		4.8	45	1.1	8.3	6	31	
G242163		4.7	41	0.8	6.5	15	23.5	
G242164		4.9	42	0.9	6.2	7	23.6	
G242165		4.1	44	0.9	7.1	5	24.8	
G242166		3.4	47	0.8	6.8	7	21.2	

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CERTIFICATE OF ANALYSIS VA07125885

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
G242167		4.62	<0.005		0.04	4.43	<0.2	30	0.55	0.06	9.3	<0.02	114.5	13.9	25	0.2
G244254		5.02	0.038		0.48	3.27	128.5	20	0.71	3.8	9.87	0.02	247	105	15	0.12
G244255		4.20	0.309		3.33	0.13	1005	10	0.46	15.1	7.01	0.02	88.1	1070	<1	0.07
G244256		3.02	0.076		0.81	1.43	236	30	0.7	4.92	5.46	<0.02	97.9	311	16	0.37
G244257		2.90	0.016		0.13	6.05	35	90	2.01	0.62	3.46	<0.02	68.6	70.1	34	1.46
G244258		2.94	0.030		0.11	1.07	99	80	0.62	1.06	10.7	<0.02	226	199.5	<1	0.24
G244259		1.30	0.020		0.4	1.32	62	20	0.43	0.47	13.65	<0.02	156	45	1	0.22
G244260		1.14	0.022		15.15	7.89	85.8	560	2.15	1.45	2.73	0.05	135.5	99.2	85	3.69
G244261		1.02	0.016		6.58	7.22	36.5	550	2.07	0.96	2.22	0.03	123	57.3	73	3.17
G244262		2.76	<0.005		0.1	6.86	7	270	1.99	0.1	5.43	<0.02	116	15.8	43	1.3
G244263		0.06	0.027		0.19	6.23	41.4	70	7.94	8.48	1.69	0.07	20	25.4	55	1.03
G244264		1.44	0.011		0.07	6.35	73.2	230	1.6	0.3	6.5	<0.02	108.5	47.9	33	1.24
G244265		1.32	0.006		0.07	6.82	55.4	520	2.27	0.18	5.55	<0.02	52.5	33.5	41	1.46
G244266		3.96	0.011		0.07	6.38	155.5	360	1.54	0.26	5.34	<0.02	84.7	40.8	32	1.06
G244267		5.80	0.013		0.05	6.33	138.5	390	1.52	0.29	5.05	<0.02	73	44.3	35	1.23
G244268		6.08	0.008		0.01	6.87	140.5	370	1.88	0.34	3.73	<0.02	80.1	53.8	44	2.11
G244269		5.24	0.009		0.03	7	129	430	2.37	0.38	3.22	<0.02	44.2	47.4	51	2.81
G244270		2.16	0.007		0.01	7.19	96.8	420	1.97	0.43	2.94	<0.02	51.6	44.4	48	2.83
G244271		1.94	0.005		<0.01	6.86	74.1	340	1.74	0.29	3.64	<0.02	178	35.8	44	2.32
G244272		2.68	<0.005		<0.01	6.88	24.5	330	1.9	0.11	3.64	<0.02	61.7	20.9	42	2.01
G244273		0.06	<0.005		0.01	0.07	<0.2	10	<0.05	<0.01	0.03	<0.02	5	0.1	1	<0.05
G244274		1.78	0.010		<0.01	6.96	3.8	380	2.34	0.05	3.37	<0.02	53.7	8.5	47	2.18
G244275		4.34	0.014		0.03	7.31	11.8	370	2.51	0.22	4.15	<0.02	65	20.4	50	1.93
G244276		0.72	0.020		0.04	7.91	5.6	410	2.72	0.07	3.67	<0.02	115.5	8	49	3.57
G244277		1.34	2.43	2.20	8.49	1.34	1800	30	0.65	57.5	3.73	0.03	108	2220	1	0.51
G244278		2.30	0.802		2.21	3.23	668	80	1.31	12.7	1.9	0.02	309	884	21	1.23
G244279		1.10	0.243		2.4	0.15	410	10	0.1	11.1	15.2	0.03	18.15	488	<1	0.11
G244280		1.36	0.401		3.44	0.89	310	10	0.4	31.7	13.15	<0.02	33.6	336	2	0.25
G244281		1.46	0.009		0.2	5.66	15.7	70	1.11	0.42	7.62	0.02	83.8	15.7	19	1.58
G244282		0.60	0.021		0.12	2.85	39	40	0.73	0.61	13	0.02	107.5	28.3	8	0.61
G244283		0.56	0.022		0.16	3.48	59.2	90	1.09	0.64	9.03	0.02	149	28.3	14	1.26

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CERTIFICATE OF ANALYSIS VA07125885

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
G242167		638	3.82	10.7	0.16	0.7	0.023	0.11	61.4	1.1	0.78	1210	0.45	3.44	3.1	3.5
G244254		68.9	5.88	9.99	0.25	1.2	0.081	0.08	153	2.3	4.25	5740	4.63	2.36	3.8	19
G244255		193	28.3	1.51	0.39	<0.1	0.275	0.01	52.1	1.8	2.64	4450	4.41	0.05	1	98.6
G244256		158.5	11.9	7.35	0.21	0.8	0.28	0.27	61.7	12	2.84	3620	47.6	0.08	10.8	56.9
G244257		59.2	9.88	25.1	0.19	1.6	0.26	1.2	45.4	49	4.22	2760	38	0.55	11.3	53.8
G244258		152	14.65	6.52	0.34	0.3	0.611	0.04	144	13.9	5.02	8750	12.55	0.16	19.4	34.1
G244259		1415	13.4	7.4	0.28	0.3	0.629	0.05	102	11.6	5.72	10100	27.1	0.36	22.9	28.4
G244260		458	4.93	25.4	0.18	2.5	0.076	1.55	77.4	34.9	2.03	1380	16.65	2.78	9.6	74.8
G244261		312	4.18	22.5	0.15	2.3	0.082	1.51	71.9	29.3	1.88	1255	9.74	2.63	8.6	40.6
G244262		327	3.16	18.7	0.16	1.6	0.09	2.67	62.1	20.2	2.78	2710	1.98	2.43	12	25.9
G244263		129	2.45	60.6	0.08	4.7	0.032	0.38	9.5	281	6.79	215	22.2	0.15	11.2	139.5
G244264		54.1	3	16.1	0.15	1.4	0.087	2.35	60.1	16	3.27	3120	1.01	2.45	9.2	24.3
G244265		42.8	2.84	21.6	0.12	1.4	0.112	3.47	28.8	21.8	2.8	3090	1.02	1.89	10.5	24.6
G244266		9.1	3.04	17.55	0.13	0.9	0.079	2.93	47.9	14.7	2.6	3120	1.4	2.15	6.4	23.4
G244267		13.9	2.99	17.05	0.13	0.9	0.073	3.41	40.4	16.6	2.52	2770	0.85	1.81	7.7	24.8
G244268		26.3	2.82	21.1	0.14	1.3	0.087	3.89	40.6	25.8	1.96	1920	0.95	1.65	11.1	26.9
G244269		25	2.71	24.3	0.11	1.3	0.103	4.64	22.1	33.2	1.8	1880	0.78	1.04	12.4	30.9
G244270		76.4	2.85	21.8	0.11	1.1	0.088	4.31	26.5	27.4	1.66	1575	0.75	1.15	9.2	27
G244271		7.6	2.95	20.7	0.21	1.1	0.089	3.7	90	24.3	1.93	2140	0.63	1.7	11	24.7
G244272		78.5	3.57	22.5	0.13	1.4	0.084	3.48	30.9	25.6	1.97	1780	0.81	1.71	10.5	23.3
G244273		1.6	0.03	0.23	<0.05	0.8	<0.005	0.01	2.7	2.1	0.01	12	0.08	0.01	0.2	0.7
G244274		118.5	4.75	22.1	0.14	1.3	0.072	3.53	27.2	29.6	1.89	1505	0.78	1.83	9	31.3
G244275		91.6	5.39	23.1	0.15	1.5	0.085	3.46	30.5	27.8	2.17	1945	1.39	2.31	10.6	32.2
G244276		97.3	4.83	25.1	0.19	1.6	0.092	3.42	59.3	29	2.04	1820	1.69	1.94	10.6	33.3
G244277		>10000	22.7	6.96	0.39	0.4	0.527	0.48	65.5	11	1.55	2490	7.42	0.04	2.5	85.7
G244278		>10000	10	17.05	0.31	0.9	0.152	1.22	195.5	28.2	1.49	1160	33.2	0.04	11.2	80
G244279		>10000	12	1.27	0.16	<0.1	0.492	0.04	10.4	1.6	7.03	11600	3.28	0.04	0.5	72.2
G244280		9230	14.05	4.34	0.19	0.3	0.391	0.1	20.7	10.1	5.87	10300	10.8	0.23	1.5	131
G244281		1945	3.44	19	0.12	1.8	0.115	0.31	52.5	12.8	2.86	3980	3.14	3.32	4.4	5.8
G244282		626	4.27	9.57	0.13	1	0.223	0.13	66.2	12.8	4.45	7360	3.68	1.46	2.1	9.6
G244283		1240	2.95	12.55	0.14	1.2	0.155	0.48	91.5	18.5	2.48	4610	5.29	1.23	2.5	11.2

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 11-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
G242167		520	2.4	8.5	0.003	1.59	0.58	5.5	1	1.1	149.5	0.26	<0.05	10.2	0.125	0.03
G244254		180	35.7	6	0.004	3.14	10.75	6.2	2	0.3	56.8	0.24	0.1	8.4	0.076	0.03
G244255		70	289	0.5	0.003	>10.0	23	1.5	4	1.6	23	<0.05	0.35	0.5	<0.005	0.05
G244256		1410	66	20	0.01	7.43	10.75	3.4	4	8.2	20.6	0.58	0.47	6.7	0.138	0.05
G244257		950	7.4	81	0.015	1.07	1.5	9.4	2	24.3	16	0.61	0.22	13.7	0.159	0.1
G244258		1960	6.5	3.1	0.006	3.2	3.98	3	3	6.2	37.6	0.65	0.2	5.5	0.034	0.02
G244259		1910	5.1	3.7	0.011	0.9	2.26	3.2	3	5.5	84.1	0.44	0.16	5.2	0.032	0.04
G244260		540	40	95.5	0.006	1.42	2.47	12	2	2.9	60.9	0.66	0.18	16	0.198	0.28
G244261		530	42.8	88.8	0.004	0.85	2.09	10.9	2	2.8	46.9	0.62	0.1	14.7	0.182	0.24
G244262		740	3.8	156	0.002	0.2	1.21	10.9	1	3.3	34.4	0.95	<0.05	16.1	0.27	0.18
G244263		850	296	17.8	0.007	1.86	0.86	9.3	3	3.3	33.7	1	0.31	14.8	0.234	0.14
G244264		670	5.5	127.5	0.002	1.05	1.11	11.1	2	3	33.5	0.71	0.1	13	0.215	0.16
G244265		610	3.7	184	0.002	0.72	1.18	12.3	1	4.1	36.8	0.79	<0.05	14.2	0.228	0.22
G244266		600	7	154.5	0.002	1.45	1.09	10	1	3.2	28.1	0.51	0.08	13.8	0.172	0.19
G244267		630	5.3	171	0.002	1.38	1.33	10.5	1	3.2	26.3	0.6	0.07	13.5	0.189	0.19
G244268		740	3	194.5	0.002	1.44	1.33	12.1	1	4.2	20.9	0.86	<0.05	13.9	0.266	0.23
G244269		630	2.8	203	<0.002	1.18	1.55	14.2	1	4.8	18.8	0.96	<0.05	13.8	0.287	0.27
G244270		770	2.8	231	<0.002	1.16	1.33	12.9	1	4.1	17.9	0.76	<0.05	14.8	0.246	0.25
G244271		750	3	216	0.002	0.94	1.41	11.3	1	3.7	20.6	0.89	<0.05	15.3	0.255	0.22
G244272		720	2.3	206	0.002	0.41	1.07	13	1	3.8	22.9	0.83	<0.05	14.6	0.239	0.22
G244273		10	0.9	0.9	<0.002	0.01	<0.05	0.3	1	<0.2	2	<0.05	<0.05	0.6	0.006	<0.02
G244274		740	2.9	186.5	<0.002	0.07	1.17	12.6	1	3.8	31.9	0.73	<0.05	14.3	0.228	0.25
G244275		740	4.3	188	<0.002	0.17	1.99	13.3	1	3.8	36	0.87	0.05	14.6	0.261	0.23
G244276		750	3.3	200	<0.002	0.07	1.79	15.2	2	4.2	43.8	0.85	0.08	16.4	0.26	0.25
G244277		160	14.1	40.2	<0.002	>10.0	5.48	3.2	8	8.4	23	0.14	0.79	2.5	0.037	0.23
G244278		910	15.4	88	0.011	8.27	3.58	4	4	14.5	17.6	0.43	0.58	7.6	0.103	0.15
G244279		20	33.9	3.2	<0.002	5.94	20.4	3.3	5	1.8	45.1	<0.05	0.15	0.4	0.005	0.06
G244280		70	58.5	7.7	0.002	8.85	58.8	5.3	5	4.3	46.4	0.08	0.32	1.8	0.023	0.08
G244281		150	4.9	26.5	0.002	0.45	1.03	7.9	1	1	81.2	0.31	0.06	5.5	0.103	0.08
G244282		180	13.4	11.2	<0.002	0.4	1.02	10.9	1	0.5	105	0.15	0.05	5.7	0.05	0.04
G244283		170	8.7	38.6	0.002	0.39	1.82	8.4	2	0.8	100	0.17	0.08	7.4	0.062	0.1

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Finalized Date: 11-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125885

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
G242167		3.4	42	1.3	7.5	7	22.8	
G244254		4.4	23	4.9	13	10	41.9	
G244255		1.7	11	8.1	17.2	6	0.9	
G244256		3.1	42	22.4	14.6	19	28.1	
G244257		7.8	81	11.9	11.6	50	55.5	
G244258		2.7	58	9.7	26.3	13	8.4	
G244259		10.4	50	10.1	28.6	15	10.2	
G244260		6.1	76	117	17.8	52	83.7	
G244261		5.1	74	53.9	15	43	75.2	
G244262		14.3	63	5.7	17.7	5	53.4	
G244263		980	201	3.2	27.4	31	149.5	
G244264		8	53	5.6	18.1	6	46.9	
G244265		4.5	68	7	16.3	5	48.5	
G244266		11.6	49	5.1	13.7	5	29.4	
G244267		10	52	5.5	12	4	28.8	
G244268		8.5	71	9.6	11.6	3	44	
G244269		8.1	84	10.6	11.1	4	45.6	
G244270		6.8	73	9	9.7	4	35.6	
G244271		8.2	60	8.4	16	3	34.4	
G244272		5.9	68	6.3	11.3	3	45.6	
G244273		0.3	1	0.1	2.1	3	27	
G244274		7.2	69	4.1	11.7	5	42.6	
G244275		5.5	74	4.4	12.6	4	48.1	
G244276		8	75	5	15.4	5	51.5	
G244277		1.5	18	3	8.6	28	11.6	5.79
G244278		5.7	51	8.7	9.4	29	29.4	1.890
G244279		7	13	3.5	16.7	10	1.2	1.735
G244280		101	23	3.6	18.1	10	10.7	
G244281		6.7	46	8.1	15	16	61.3	
G244282		26.8	15	3.2	20.8	20	32	
G244283		26	24	2.9	20	20	40.8	

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Finalized Date: 11-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07125885

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

CERTIFICATE VA07126767

Project: Werneckes

P.O. No.: FRG07-01

This report is for 39 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-SEP-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 14-NOV-2007
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CERTIFICATE OF ANALYSIS VA07126767

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
C287569		5.36	<0.005	0.15	6.55	6.2	320	3.95	0.07	0.63	<0.02	97.7	103	21	2.41	20.4
C287570		3.26	0.014	0.2	7.37	8.1	330	4.45	0.18	0.57	<0.02	104.5	112	11	3.66	216
C287571		3.96	0.005	0.37	7.35	11.5	410	5.03	0.27	0.64	<0.02	108.5	113	14	6.1	1200
C287572		1.42	0.027	0.22	6.55	8	1110	2.69	0.45	2.12	<0.02	122	40.4	31	5.29	348
C287573		2.18	0.012	0.16	6.69	6	300	4.07	0.35	0.92	<0.02	126.5	75.4	14	4.63	307
C287574		2.54	0.010	0.14	7.06	6.3	520	3.15	0.18	0.62	<0.02	129.5	73.7	15	3.07	488
C287575		4.04	0.014	0.15	6.59	5.1	490	3.27	0.2	0.7	<0.02	135.5	71.7	12	3.23	1350
C287576		1.94	0.069	0.3	6.19	7.2	370	4.03	0.51	0.65	<0.02	126.5	97.1	17	3.07	5340
C287577		2.40	0.019	0.2	6.34	5.9	400	4.26	0.35	0.58	<0.02	116	85.7	19	3.86	1695
C287578		4.28	0.010	0.15	6.34	7.1	340	4.05	0.19	0.78	<0.02	94.6	80.9	8	4.87	918
C287579		2.40	<0.005	0.09	6.42	7.8	310	2.08	0.11	1.59	<0.02	81.7	52.8	29	4.65	24.8
C287580		4.08	<0.005	0.14	5.79	8.9	670	0.64	0.16	3.78	<0.02	103	19	28	1.37	30.1
C287581		3.48	0.030	0.08	6.06	6	460	1.65	0.41	3.94	0.02	120.5	13.5	34	1.78	29.7
C287582		5.12	0.036	0.46	5.26	5.6	430	0.89	0.34	6.32	<0.02	109	17.6	20	1.25	603
C287583		2.06	0.011	0.18	5.97	5.9	160	2	0.46	6.45	<0.02	103	21.9	28	1.96	26.2
C287584		2.06	<0.005	0.07	7.06	3.8	220	3.72	0.13	3.33	<0.02	85.2	18.2	42	3.25	17.3
C287585		0.06	0.018	0.33	6.76	22.1	50	10.25	13.25	1.77	0.02	15.75	37.2	40	0.79	135
C287586		5.24	0.011	0.12	6.97	7.5	640	3.09	0.6	1.43	<0.02	125	53	45	5.33	8.6
C287587		5.70	<0.005	0.05	7.17	8.1	1020	2.51	0.14	1.36	<0.02	72.5	46.2	46	5.03	17.3
C287588		6.44	<0.005	0.12	7.56	6	900	1.8	2.05	1.55	<0.02	67.8	28.5	48	3.23	11.4
C287589		1.50	<0.005	0.03	6.94	3.8	490	2.5	0.05	1.68	<0.02	40.4	12.3	37	3.37	12.5
C287590		4.22	<0.005	0.07	7.31	7.7	720	2.27	0.13	2.05	<0.02	77	44.5	46	4.71	11.3
C287591		5.94	0.073	0.18	7.21	5.8	1350	1.97	0.14	1.95	<0.02	116	45.3	44	3.47	3
C287592		4.48	<0.005	0.03	7.73	6.1	1610	2.31	0.08	2.13	<0.02	62.6	31.7	51	3.18	5
C287593		2.16	0.012	0.04	7.81	5.9	1960	2.35	0.09	1.55	<0.02	35.9	33.5	52	3.14	3.2
C287594		1.66	<0.005	0.03	7.3	6.1	2020	1.98	0.06	1.73	<0.02	34.9	25.3	48	2.5	3
C287595		5.86	<0.005	0.04	7.4	5.1	770	2.64	0.09	1.6	<0.02	96.6	40.7	47	3.88	13.4
C287596		2.76	<0.005	0.02	8.3	5.1	790	3.08	0.13	1.6	<0.02	84	39.5	53	4.45	5.2
C287597		6.48	<0.005	0.05	6.92	7.4	550	2.54	0.13	0.9	<0.02	67	50.3	46	3.84	1.5
C287598		4.06	<0.005	0.06	6.5	5.2	990	1.94	0.2	2.8	<0.02	76.5	38.3	39	3.75	14.9
C287599		6.34	0.027	0.31	6.89	4.9	2780	1.86	0.62	2.45	<0.02	103.5	33.8	39	3.54	6.2
C287600		6.14	<0.005	0.16	6.9	8.7	1940	3.27	0.42	1.87	<0.02	92.8	48.4	46	5.66	26.2
C287601		2.32	0.038	0.47	6.45	7.9	910	2.55	0.86	2.03	<0.02	122.5	45.4	42	5.7	90.3
C287602		7.78	0.022	0.28	6.8	5.1	2800	1.24	0.62	2.19	<0.02	118	36.8	44	3.56	76.3
C287603		6.64	0.027	0.26	6.85	6.6	2970	3.71	0.61	1.8	<0.02	117.5	44.1	41	6.24	12
C287604		3.64	0.027	0.3	6.92	4.9	1380	2.39	0.78	2.92	<0.02	160.5	23.6	43	3.66	13.7
C287605		5.58	0.016	0.07	8.39	3.5	840	3.32	0.13	2.61	<0.02	79.8	12.7	50	2.94	28.8
C287606		6.04	0.010	0.04	7.87	2.9	1620	2.9	0.06	2.79	<0.02	65.6	12	49	3	17.2
C287607		8.50	<0.005	0.03	7.76	3.2	1530	2.4	0.05	2.22	<0.02	128	14.7	44	3.23	2.1

Comments: REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07126767

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C287569		9.06	25.9	0.23	5.8	0.06	1.27	52.8	103.5	6.34	315	5.83	0.01	10.8	34.9	2210
C287570		9.16	24.1	0.17	6	0.053	2.57	54.4	97.2	5.94	264	7.68	0.02	13.9	31.8	2470
C287571		8.85	23.7	0.18	6	0.06	3.09	56.9	110.5	5.17	292	6.93	0.03	14.7	43.7	2380
C287572		5.99	18.9	0.24	3.3	0.075	3.61	73.2	57.4	2.38	1180	14.15	0.04	4.8	38.2	1190
C287573		6.14	24.2	0.25	5.5	0.055	3.49	70.7	84.5	4.08	445	12.25	0.03	10.6	27	2200
C287574		7.35	21.4	0.27	5.6	0.039	4.75	69.7	52	3.12	224	10.5	0.03	8.6	25.3	2290
C287575		7.42	21.5	0.25	5.5	0.045	4.04	73.2	45	3.4	259	7.13	0.03	9	20.7	2280
C287576		9.53	22.2	0.26	4.7	0.069	3.32	69.3	54.6	4.15	305	7.37	0.02	10.5	27.3	2060
C287577		8.74	21.1	0.24	4.9	0.051	3.28	60.9	72.1	4.21	235	8.14	0.02	12.4	25.2	2040
C287578		7.1	21	0.23	5.5	0.056	3.67	49.1	69.3	3.91	286	6.33	0.03	12.4	26.6	2280
C287579		8.23	19.5	0.22	3	0.064	4.44	45.2	58	3.09	662	3.64	0.03	4.6	32.2	1180
C287580		6.79	11.95	0.21	1.8	0.111	4.4	57.3	5.2	1.91	1575	6.13	0.05	3	7.3	640
C287581		5.77	14.8	0.27	1.8	0.099	5.75	66.7	24.2	2.25	1725	1.87	0.04	4.2	15.4	610
C287582		3.4	12.2	0.22	1.6	0.162	5.23	66.4	14.7	3.14	2710	49.1	0.04	2.1	20.1	530
C287583		3.26	13.55	0.22	1.9	0.12	3.89	57.2	30.1	3.52	2700	9.16	0.04	2.6	27.4	630
C287584		4.85	20.8	0.24	2.1	0.109	4.41	46.4	55.9	2.46	1540	2.86	0.04	7.5	26.8	700
C287585		2.19	70.6	0.17	4.5	0.043	0.24	7.7	381.5	8.78	349	41.2	0.06	11.8	175	980
C287586		6.96	21.2	0.27	2	0.064	5.32	73.4	57.6	2.89	652	6.81	0.03	6.1	36	800
C287587		7.43	19.4	0.24	2.1	0.051	5.88	40.7	46	2.34	682	2.79	0.04	6	31	740
C287588		7.02	17.55	0.23	2.2	0.06	6.34	36.4	29.2	1.69	813	1.62	0.05	4.4	24.6	740
C287589		2.8	22.6	0.15	1.9	0.156	4.91	22.5	28.9	1.47	1005	1.85	0.04	2.8	19.2	660
C287590		6.69	21.3	0.23	2.2	0.105	6.11	42.5	40.5	2.72	1050	4.09	0.04	4	38.2	730
C287591		7.11	19.5	0.27	2.3	0.068	6.32	63.1	37	2.81	854	1.93	0.05	4.1	34.8	730
C287592		7.16	19.55	0.22	2.1	0.124	6.49	33.1	31.6	2.37	971	1.73	0.05	3.7	28.3	740
C287593		6.79	19.4	0.2	2.3	0.117	6.63	20	32.8	2.04	624	1.69	0.05	3.8	28.6	760
C287594		6.49	16.25	0.19	2.1	0.104	6.47	19	25.2	1.81	689	1.46	0.05	3.4	22.2	760
C287595		7.22	23.3	0.26	2.1	0.108	5.54	50.6	43.7	2.61	678	2.27	0.04	4.3	38.8	720
C287596		8.43	22.9	0.25	2.5	0.128	5.97	46	45	2.75	910	2.34	0.04	5.3	33.7	820
C287597		8.43	17.65	0.22	2.1	0.059	5.76	37.7	41.8	2.73	424	6.73	0.04	6.3	31	690
C287598		6.6	17.65	0.23	2	0.097	5.92	41.4	34.8	3.22	1215	3.58	0.04	4.9	26.6	630
C287599		7.77	18.3	0.27	2.1	0.078	5.86	61.4	36.9	2.89	1020	6.73	0.05	6	26.5	790
C287600		8.65	20	0.25	2.2	0.102	5.5	52.4	51.2	3.88	871	9.3	0.04	7.7	36.6	710
C287601		9.52	17.15	0.27	1.8	0.079	5.17	79.9	48.5	3.68	895	22.1	0.03	6.4	28.4	810
C287602		6.52	16.95	0.24	2.1	0.053	6.22	77.6	34.9	2.86	933	7.92	0.05	5.7	30.1	770
C287603		8.56	16.95	0.28	2.1	0.094	5.53	70.6	52.1	3.75	784	8.44	0.04	7.6	29.1	760
C287604		7.09	19.05	0.29	1.9	0.081	5.73	103	43.5	2.79	1170	13.4	0.04	4.9	29.4	850
C287605		4.9	23.1	0.21	2.2	0.136	6.5	43.1	63.4	2	1020	4.86	0.05	5.4	27.3	780
C287606		4.18	20.7	0.21	2	0.133	6.06	34.4	61	2.04	1080	1.85	0.04	3.6	26	710
C287607		3.93	18.95	0.24	2	0.086	6.91	67.6	45.9	1.83	832	1.7	0.06	3.8	28.5	710

Comments: REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07126767

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C287569		3.4	59.8	0.013	0.16	4.78	21.3	2	1.8	9.7	0.73	<0.05	16	0.422	0.25	8
C287570		3.1	90.8	0.003	0.37	5.47	22.3	1	1.3	8.7	0.93	<0.05	14.8	0.564	0.53	7.5
C287571		6	108.5	0.026	0.81	6.49	23.5	2	1.7	13.3	0.97	<0.05	14.4	0.556	1.03	10.4
C287572		4.9	128	0.003	0.14	4.04	13.2	2	2.9	28.3	0.37	0.19	14.8	0.195	0.53	11.5
C287573		3.6	134.5	0.003	0.03	4.05	19.1	2	2.1	8.7	0.7	0.1	16.3	0.393	0.26	7.5
C287574		3.2	131.5	0.003	0.03	3.96	20.1	2	1.6	8.9	0.58	<0.05	15.7	0.389	0.29	7.7
C287575		3	118	0.002	0.09	4.15	20.2	2	1.4	9.3	0.59	<0.05	15.9	0.401	0.22	6.1
C287576		3.7	97.4	0.003	0.39	4.78	19.1	3	1.5	8.5	0.66	<0.05	12.9	0.472	0.17	5.9
C287577		3.4	110	0.002	0.11	5.22	21.6	3	1.8	9.3	0.8	<0.05	13.8	0.489	0.25	6.2
C287578		3.7	117.5	0.01	0.1	4.94	18.6	2	1.7	8.4	0.82	<0.05	15.2	0.472	0.23	5.7
C287579		3	125	<0.002	0.01	3.15	14.7	2	2.8	10.1	0.36	0.05	15.5	0.208	0.29	5.2
C287580		3.9	97.5	0.004	0.28	2.03	10.3	2	2	22	0.23	<0.05	16.4	0.13	0.46	2.9
C287581		3.3	180.5	0.002	0.05	1.96	10.6	2	2.3	20.1	0.32	0.2	14.8	0.152	0.29	3.1
C287582		3.6	157.5	0.018	0.13	1.37	8.6	4	1.3	25.1	0.18	0.67	12.4	0.091	0.28	6.1
C287583		2.6	187.5	0.005	0.01	1.57	10.3	3	2.1	24.6	0.21	0.24	16.8	0.115	0.17	4.3
C287584		2.1	250	0.016	0.01	2.78	12.4	2	3.4	13	0.54	<0.05	14.7	0.246	0.28	9.5
C287585		173	9.4	0.005	0.12	0.7	12.3	5	3.6	27.4	1.04	0.09	15.9	0.229	0.18	1920
C287586		3.6	202	0.014	0.01	3.34	14.3	2	4.3	12.6	0.46	0.08	16	0.191	0.3	14.7
C287587		3.5	192.5	0.002	0.02	3.64	11.7	2	3.9	17.5	0.45	<0.05	16.3	0.187	0.31	11.3
C287588		3	151	<0.002	0.02	3.14	8.1	2	3.5	13.6	0.34	0.57	12	0.174	0.32	7.3
C287589		2.2	197.5	<0.002	0.01	3.63	8.3	2	3.8	12.1	0.19	<0.05	10.2	0.117	0.28	5.4
C287590		3.1	204	0.002	0.02	3.3	12.3	2	3.5	16.6	0.31	0.05	15.9	0.157	0.31	20.5
C287591		2.8	156.5	0.002	0.02	2.59	12.9	2	4.1	25.6	0.34	0.27	16.6	0.167	0.29	14.2
C287592		2.6	200	<0.002	0.03	2.56	11.1	2	4.7	25.7	0.27	<0.05	13.9	0.175	0.28	5.1
C287593		2.7	227	0.002	0.04	2.47	11.3	2	4.4	27	0.27	<0.05	14.5	0.166	0.28	8.8
C287594		2.5	205	<0.002	0.04	2.26	10.4	2	4	37.5	0.25	<0.05	14.5	0.145	0.26	7.5
C287595		2.5	226	0.003	0.01	2.78	13.2	2	4.7	16	0.33	<0.05	15.5	0.165	0.3	17.3
C287596		2.5	230	0.003	0.01	3.42	12.3	2	4.7	17.1	0.4	<0.05	13.1	0.202	0.32	9.9
C287597		2.6	162.5	0.004	0.01	2.72	9.8	2	4.2	8.8	0.48	<0.05	14.9	0.207	0.27	11
C287598		3.4	156.5	0.003	0.06	2.43	9.8	2	3.6	19.1	0.4	<0.05	14.2	0.178	0.33	8.1
C287599		4.3	163.5	0.002	0.05	2.35	10.8	2	4.6	38.9	0.42	0.25	15.1	0.19	0.28	10.2
C287600		3.7	184	0.002	0.12	3.05	11.4	2	4.6	26.6	0.56	0.11	14.3	0.218	0.39	8.2
C287601		6.3	170	0.031	0.25	2.73	10.1	3	5.2	15.8	0.42	0.17	12.7	0.188	0.71	12.5
C287602		5.2	160	0.005	0.11	2.12	11.5	3	3.7	38.9	0.41	0.14	14	0.178	0.37	15.9
C287603		4.9	180	0.003	0.12	2.75	11.5	2	4.7	46.4	0.57	0.1	13.9	0.213	0.44	10.6
C287604		4.1	231	0.002	0.03	2.13	11.6	3	5.3	23.1	0.32	0.38	13.9	0.171	0.34	20.8
C287605		3	381	0.002	0.03	2.25	12.4	2	3.3	18.9	0.37	0.06	15	0.192	0.44	13.1
C287606		2.4	359	<0.002	0.04	2.11	12.6	2	2.7	31.7	0.26	<0.05	14.4	0.165	0.39	6.4
C287607		3.3	350	<0.002	0.03	2.07	12.3	2	2.2	27.9	0.3	<0.05	15.9	0.152	0.4	6.2

Comments: REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 14-NOV-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07126767

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
C287569		68	1.9	30.6	39	199	
C287570		80	3.1	31.1	47	237	
C287571		74	4.9	32.2	54	229	
C287572		72	5.2	20.8	20	100	
C287573		54	2.4	27.3	30	183.5	
C287574		68	1.4	31.3	21	193.5	
C287575		55	1.2	26.9	18	182	
C287576		77	2.7	21.3	21	164	
C287577		74	3.2	22.3	28	169.5	
C287578		56	3.1	26.9	28	189	
C287579		68	5.1	15.8	22	98.6	
C287580		58	2.8	13.2	5	52.1	
C287581		60	3.1	14.6	6	54.8	
C287582		58	1.9	16.9	4	45.4	
C287583		55	3.2	17.7	4	57.1	
C287584		69	5.1	15.3	5	63.7	
C287585		257	3	35.3	42	135.5	0.20
C287586		76	5.2	11.2	19	59.7	
C287587		68	3.9	10.3	18	67	
C287588		65	3.8	10.1	11	66.6	
C287589		73	3.3	9.3	5	57.4	
C287590		75	3.3	9.6	16	68.9	
C287591		75	3.3	10.1	16	69.3	
C287592		70	3.5	10.3	12	64.9	
C287593		70	3.5	10.1	14	72.2	
C287594		61	3.5	9.9	11	61.9	
C287595		74	3.9	10.6	15	64.2	
C287596		75	4	11	17	76.9	
C287597		72	5.8	10.6	27	64.6	
C287598		62	4.6	11.8	16	62.6	
C287599		74	7.7	13	17	61.3	
C287600		75	7.9	12.7	19	67.4	
C287601		75	7.3	11.9	17	55.7	
C287602		76	8.4	12.4	15	62	
C287603		71	7.5	12.1	16	69.1	
C287604		76	6.9	14	10	61.7	
C287605		77	6.6	15	3	68	
C287606		71	4.7	11.7	3	60.2	
C287607		68	4.4	11	3	64.1	

Comments: REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 14-DEC-2007
Account: EIAFRG

CERTIFICATE VA07134338

Project: Werneckes

P.O. No.: FRG07-01

This report is for 21 Drill Core samples submitted to our lab in Terrace, BC, Canada on 15-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07134338

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
G244284		2.04	<0.005	0.2	7.77	15.7	160	2.86	0.34	0.32	<0.02	79.9	16.4	53	2.58	183
G244285		3.38	<0.005	0.09	7.58	20.2	100	1.77	0.29	0.45	0.02	110	11.1	47	0.91	164.5
G244286		3.54	0.008	0.5	6.57	95.6	40	0.86	2.47	4.79	0.09	237	48	30	0.68	275
G244287		0.54	0.053	1.81	7.24	64.4	150	2.09	1.51	2.67	0.02	98.7	55.2	56	1.23	1480
G244288		1.70	<0.005	0.34	5.82	29.3	20	0.6	1.25	6.29	0.07	103.5	29.5	17	0.82	427
G244289		3.32	0.005	0.31	5.94	16	20	0.6	1.24	6.24	0.03	100.5	25.1	23	0.5	390
G244290		3.90	0.038	0.51	5.22	28.1	10	0.91	3.57	7.03	0.05	50.5	37.3	26	0.44	398
G244291		4.40	0.006	0.16	6.81	11.8	10	0.69	0.42	5.23	0.05	56	12.9	25	0.2	171.5
G244292		3.42	<0.005	0.03	7.36	1.2	100	1.69	0.08	0.73	0.02	86.9	0.8	54	0.58	251
G244293		0.06	0.940	34.9	4.1	1265	470	0.91	29.9	6.29	1.68	24.5	42.2	260	1.14	4230
G244295		2.42	<0.005	0.06	7.8	4.3	40	1.18	0.12	1	<0.02	79.5	8.8	35	0.44	36.6
G244296		5.14	0.026	0.1	7.53	31.6	40	1.56	0.37	0.23	<0.02	90.6	16.5	49	0.22	146.5
G244297		1.94	0.010	0.1	8.35	16.7	70	1.97	0.32	0.48	<0.02	84.6	7.7	61	0.61	386
G244298		1.94	0.013	0.03	6.27	12.7	30	1.3	0.16	0.33	<0.02	109.5	14.5	41	0.18	295
G244299		1.90	<0.005	0.04	8.17	41.5	120	2.28	0.19	0.15	0.02	138.5	13.2	55	1.08	34.5
G244300		2.78	0.011	0.29	8.38	94.9	270	3.45	1.88	1.09	0.06	152.5	27.9	56	6.11	77.6
G244301		4.00	<0.005	0.28	8.7	40.8	300	2.96	2.73	0.32	0.1	112	15.6	53	2.81	29.8
G244302		0.42	0.023	1.13	7.29	27.3	180	1.79	2.43	3.44	0.19	77.7	28.6	43	1.4	>10000
G244303		0.06	0.960	35.1	4.16	1280	480	0.75	31	6.41	1.62	23	41.6	260	1.12	4170
G244304		2.54	<0.005	0.18	7.98	27.3	290	2.59	0.78	1.38	0.06	105.5	12.6	51	2.47	160.5
G244305		2.44	<0.005	0.11	7.69	21.5	290	2.59	1.22	0.39	0.03	118	10.9	53	2.43	55.6

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

Finalized Date: 14-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07134338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
G244284		1.23	24.9	0.2	3.5	0.039	1.72	45.1	29.1	0.88	131	4.07	3.52	8.4	16	260
G244285		0.95	22.6	0.22	4	0.027	1	61.3	16.6	0.56	186	2.45	5	10.5	13.6	440
G244286		4.24	19.1	0.41	2.6	0.052	0.41	140	22.5	2.43	2410	20.3	4.08	11.4	61.5	990
G244287		2.33	21.4	0.27	2.6	0.08	1.5	56.3	20.4	1.23	1380	6.28	3.62	7.8	25.8	340
G244288		4.96	13.05	0.29	1.1	0.065	0.19	61.3	15.6	3.09	2950	9.99	4.15	3.9	55.8	690
G244289		4.38	13.75	0.26	1.3	0.046	0.08	57.4	10.4	2.83	2900	2.07	4.35	5.9	39.8	650
G244290		8.06	15.15	0.25	1.2	0.093	0.04	29.1	17.3	3.41	4470	3.87	3.19	8.1	29.8	550
G244291		2.99	17.85	0.22	1.6	0.044	0.04	34.7	7.2	2.43	2590	13.6	5.15	6.9	12.8	990
G244292		0.39	24.3	0.22	3.9	0.024	0.88	45.8	6.9	0.38	405	2.65	6.18	12.8	1.3	360
G244293		4.06	13.85	0.65	0.8	0.204	1.37	18.2	14.7	0.77	1630	668	0.64	1.7	21.1	510
G244295		0.54	19.25	0.21	3.7	0.019	0.31	47.2	3.5	0.48	600	4.18	6.47	8.5	3.2	340
G244296		0.38	21.2	0.21	3.7	0.009	0.3	53.3	2.2	0.08	30	2.83	7.12	10.1	19.9	270
G244297		1.45	25.8	0.51	4.3	0.024	0.69	48	15.6	0.83	200	2.54	5.89	9	16.6	500
G244298		0.27	17.45	0.22	3.2	0.014	0.26	54.6	2.2	0.07	101	2.17	6.53	10.3	11.6	390
G244299		0.94	27	0.24	3.7	0.03	1.37	76.1	15.9	0.55	31	2.32	5	10.2	13.1	290
G244300		1.89	25.9	0.27	3.8	0.06	2.93	81.2	27.4	1.2	456	3.02	1.46	7.6	54.5	390
G244301		1.55	26.5	0.26	3.8	0.049	3	57.1	16.5	1.1	124	2.39	1.74	10.6	37.9	410
G244302		3.37	20	0.29	2.4	0.343	1.73	43.3	15.6	1.3	1730	1.38	2.71	6.9	18.3	260
G244303		4.12	13.15	0.56	0.8	0.19	1.38	16.6	13.3	0.78	1655	681	0.64	1.7	19.9	520
G244304		1.36	25	0.26	3.7	0.07	2.87	52.1	14.6	1.22	584	3.42	1.6	11.8	23.7	350
G244305		1.08	24.3	0.24	3.7	0.061	3	61.3	14.4	0.91	192	2.44	1.37	10.8	21.7	300

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VANCOUVER BC V6C 1G8

Finalized Date: 14-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07134338

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
G244284		6.3	106	0.004	0.15	0.67	13.8	2	1.3	31.7	0.64	<0.05	15.6	0.213	0.2	11.3
G244285		3.8	61.3	0.003	0.21	0.48	14.1	2	0.8	29.4	0.74	<0.05	17.7	0.235	0.13	5
G244286		33	29.3	0.009	2.03	3.38	16.8	4	0.6	45.8	0.5	0.12	14.2	0.161	0.06	7.4
G244287		25.8	91.1	0.002	0.72	2.09	12.6	2	1.6	40.1	0.55	0.09	12.5	0.182	0.18	7.6
G244288		25.7	20.5	0.003	2.45	7.38	8.3	3	1	45.4	0.25	0.13	10.7	0.096	0.05	10.8
G244289		14.7	7.6	0.002	1.7	2.9	10	3	1.6	44.7	0.4	0.21	12.5	0.126	0.03	6.3
G244290		13.8	3.3	0.003	2.15	1.77	8.9	4	2.1	49.3	0.61	1.21	10.2	0.188	<0.02	8.6
G244291		16.5	2.6	0.005	0.48	0.58	13.7	2	1.2	35.9	0.48	0.12	14.6	0.139	<0.02	7.3
G244292		1.9	45.3	0.002	0.03	0.38	13.3	2	1.3	29.6	0.87	<0.05	13.1	0.286	0.12	3.5
G244293		65.4	32.9	0.064	0.68	82.2	7.3	6	3	265	0.11	3.42	1.4	0.114	0.16	2.3
G244295		1.9	19.5	0.002	0.12	0.34	8.3	2	0.5	35.8	0.62	<0.05	16.9	0.195	0.04	5.8
G244296		4.9	17.8	0.002	0.34	0.86	5.6	2	0.5	39.9	0.73	0.05	16.5	0.235	0.04	4.1
G244297		3.7	45.9	<0.002	0.13	0.96	15.3	2	1.2	34.1	0.73	0.14	19.3	0.212	0.03	4.4
G244298		2.6	6.2	<0.002	0.18	0.32	4.5	2	0.4	27.9	0.75	<0.05	9.4	0.234	0.03	1.2
G244299		3	92.1	0.002	0.13	0.51	15.6	2	1.1	29.1	0.73	<0.05	16.2	0.246	0.16	4.2
G244300		15.9	168.5	0.003	0.81	1.28	15.8	3	2.5	43.7	0.53	0.21	17.9	0.185	0.4	6.8
G244301		32.4	182	0.003	0.58	1.22	17.8	3	3.2	20.8	0.8	0.15	18.6	0.255	0.38	5.3
G244302		7.8	99.5	0.002	2.15	4.6	13.5	7	1.8	43.3	0.5	<0.05	11.3	0.183	0.78	3.6
G244303		67.1	32.4	0.058	0.69	83.6	6.5	4	3.3	265	0.1	3.37	1.4	0.116	0.18	2.5
G244304		9.9	167.5	0.003	0.27	1.28	17.8	2	2.9	30.5	0.89	<0.05	16.8	0.282	0.36	4.2
G244305		7.4	181.5	0.002	0.26	0.77	16	2	3	17.4	0.82	0.1	16.5	0.268	0.38	4.2

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 14-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07134338

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
G244284		64	6.9	15.4	14	105	
G244285		67	4.1	17.2	13	125	
G244286		78	5.5	23.6	40	81.8	
G244287		58	20	15.6	27	83.5	
G244288		23	6.8	13.4	29	35.8	
G244289		43	13.3	11.6	20	40.7	
G244290		54	3.2	14.8	43	37.8	
G244291		45	11.6	11.9	18	48	
G244292		117	5	12.9	4	124	
G244293		59	12.8	9.4	105	21.6	
G244295		46	4.2	14	4	113.5	
G244296		60	4.6	13.1	2	111.5	
G244297		114	3.6	16.5	12	132.5	
G244298		48	3.9	8.2	3	101	
G244299		81	3.2	15.8	17	119	
G244300		73	3.6	17.7	35	116	
G244301		77	2.8	16.6	48	118	
G244302		55	2.4	13.5	68	73.4	2.10
G244303		60	15.3	9.2	108	21.8	
G244304		74	3.5	16.9	35	112.5	
G244305		73	5.3	15.5	21	112.5	

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Finalized Date: 14-DEC-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07134338

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 5-DEC-2007
Account: EIAFRG

CERTIFICATE VA07142152

Project: Werneckes

P.O. No.: FRG07-01

This report is for 18 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 29-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 WEST PENDER ST.
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07142152

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E843101		6.68	0.019	0.24	2.5	15	430	0.96	0.81	0.17	<0.02	288	5.3	20	0.59	18.6
E843102		3.86	0.058	0.63	1.66	19.6	410	1.11	1.05	3.33	0.18	265	8.3	47	0.69	37.6
E843103		6.54	0.016	0.09	7.3	9.7	1390	3.7	0.2	1.38	<0.02	60	5	44	2.89	5
E843104		5.20	0.007	0.05	8.44	7.3	720	4.76	0.17	0.49	<0.02	8.67	5.1	56	3.27	1.2
E843105		5.76	0.015	0.07	7.86	12	690	4.97	0.37	1.06	0.02	36.9	6.7	52	3.55	3.5
E843106		5.44	0.012	0.12	6.94	8.6	640	4.29	0.31	3.1	0.03	109	11	38	3.68	11.2
E843107		4.24	0.009	0.04	7.79	6.8	630	4.58	0.16	2.11	<0.02	137.5	10.7	45	4.1	1
E843108		4.84	0.005	0.02	8.57	8.9	770	5.21	0.21	1.95	0.04	229	11.8	51	4.62	1.7
E843109		5.12	0.031	0.19	7.14	9	560	4.25	0.81	2.09	0.04	460	10.2	41	3.99	1.7
E843110		4.54	0.012	0.1	7.55	9.6	560	4.87	0.29	1.24	<0.02	230	10.3	45	4.09	2.5
E843111		5.36	0.027	0.23	7.93	11.6	600	5.09	0.43	1.5	0.04	91	15.2	45	4.33	5.4
E843112		5.44	0.025	0.26	8.85	11.2	630	6.09	0.36	0.33	<0.02	66.9	11.5	58	4.57	4.6
E843113		4.82	0.017	0.11	7.61	11.1	590	4.07	0.34	1.05	0.02	60.3	8.7	47	3.14	2.6
E843114		6.30	0.014	0.21	7.74	13.9	620	3	0.44	0.7	<0.02	209	11.4	51	2.48	11.7
E843115		5.62	0.057	0.21	8.47	16.4	650	3.08	0.65	0.19	<0.02	110.5	11	58	2.57	6.2
E843116		5.56	0.020	0.22	8.62	16.6	590	2.99	0.43	0.21	<0.02	53.8	12.5	54	2.78	9.1
E843117		3.02	0.008	0.05	7.45	7.1	610	2.02	0.29	1.31	0.06	139.5	61.2	42	4.18	125.5
E843118		2.90	0.024	0.11	7.34	7.6	600	2.36	0.74	1.61	0.1	108	51.2	35	3.82	115

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CERTIFICATE OF ANALYSIS VA07142152

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E843101		30.5	12.75	0.27	0.6	0.012	2.08	204	13.5	0.21	30	16.05	0.02	12.9	13.2	760
E843102		20.9	8.92	0.25	1.3	0.051	0.92	188.5	17.9	1.75	1785	38	0.02	8.5	9.8	830
E843103		8.83	25.2	0.12	1.6	0.063	4.2	39.7	50	1.21	796	23.5	0.04	7.5	10.2	750
E843104		9.16	36.3	0.1	1.7	0.065	5.05	4.8	59.5	0.89	241	4.08	0.05	7.9	11.8	780
E843105		8.16	41	0.11	1.9	0.068	4.59	23.5	75.3	1.24	638	5.63	0.05	7.3	20.4	850
E843106		7.38	27.2	0.12	1.7	0.098	4.11	67.7	96.7	2.14	2100	12.7	0.05	5.5	34.9	770
E843107		6.52	28.7	0.15	1.9	0.095	4.52	85.8	126	2	1675	13.25	0.06	4.9	44.1	750
E843108		6.84	33.6	0.18	2	0.101	4.95	148.5	134	1.97	1305	7.56	0.06	5.5	46.4	890
E843109		5.95	28.2	0.29	1.8	0.081	4.25	282	115.5	1.93	1385	5.5	0.05	5.2	40.4	840
E843110		8.07	37.8	0.18	2	0.083	4.52	147.5	108.5	1.51	862	7.37	0.05	5.8	31.6	920
E843111		8.18	43.2	0.14	2	0.08	4.64	58.7	106.5	1.68	1105	15.2	0.06	7	35.8	920
E843112		9.88	67.8	0.13	2.2	0.077	5.14	41.5	95.6	1.22	195	9.13	0.06	9.5	26.4	750
E843113		12.4	39.2	0.15	2	0.063	4.38	39.6	57.4	1.17	651	19.3	0.05	10.2	16.6	880
E843114		12.25	16.95	0.23	1.9	0.062	4.42	135	28.8	0.83	317	39.2	0.05	10.4	13.9	820
E843115		13.6	12.7	0.2	1.9	0.053	4.71	72.5	27	0.6	33	35.2	0.06	11.8	13.3	850
E843116		12.65	10.95	0.17	1.8	0.052	4.84	35.7	25.2	0.64	37	17.45	0.05	10.8	12.5	790
E843117		8.8	18.3	0.21	2.4	0.047	4.91	79.9	36.2	3.38	581	6.2	0.04	6.4	37.1	1000
E843118		7.7	16.95	0.16	2.2	0.054	4.7	62.4	38	3.02	716	6.92	0.04	6	31.5	970

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142152

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E843101		17.9	105.5	0.002	0.01	5.92	6.5	2	14.1	13.8	0.41	0.56	64.1	0.129	0.16	4.1
E843102		45.7	74.8	0.003	0.03	7.14	5.3	2	5.8	16.4	0.46	0.92	13.7	0.2	0.12	6.2
E843103		5.9	288	0.005	0.03	5.31	7.9	2	6.1	17.9	0.48	0.1	14.2	0.219	0.26	3.1
E843104		9.2	298	0.003	0.03	4.53	11.4	1	7.2	4.9	0.51	0.18	10.2	0.256	0.35	3.5
E843105		6.3	347	0.002	0.01	4.67	20.9	2	7.1	7.9	0.52	0.38	17.2	0.235	0.32	7.4
E843106		5.1	354	<0.002	0.03	3.92	12.2	2	5	17.6	0.42	0.14	14.4	0.191	0.34	8
E843107		3.4	400	0.003	0.01	3.61	12.3	1	4.8	15.3	0.36	0.09	14.6	0.199	0.37	7.5
E843108		3.8	439	<0.002	0.04	4.27	15.3	2	5.7	14.7	0.38	0.11	18.4	0.227	0.49	4.8
E843109		3.4	388	0.002	0.02	3.88	12.2	2	5	14.1	0.39	0.58	14.6	0.185	0.36	5.2
E843110		4.3	389	<0.002	0.01	4.37	19.7	2	7.1	8.7	0.41	0.11	15.4	0.213	0.44	13.1
E843111		7.3	398	0.003	0.2	5.52	28.3	2	7.2	9.9	0.52	0.26	16.6	0.235	0.86	18
E843112		9.4	379	0.002	0.21	7.41	53.4	3	11.7	5.6	0.69	0.42	18.2	0.305	1.02	7.8
E843113		6.2	306	<0.002	0.12	6.08	16.7	2	12.7	6.5	0.74	0.19	23.2	0.269	0.49	5.4
E843114		6.3	277	0.004	0.3	6.24	7.3	3	8	7.3	0.69	0.17	15.9	0.271	0.56	4.4
E843115		8.2	288	0.003	0.46	6.76	6.6	3	6.7	6	0.83	0.25	17.6	0.296	1.05	8.1
E843116		10.3	280	0.002	0.74	6.85	6	2	5.9	5.2	0.73	0.12	18.1	0.282	1.39	8.3
E843117		20.5	190	0.012	0.03	4	12.3	2	3.7	12.4	0.49	0.08	16.5	0.233	0.26	6.7
E843118		21.2	200	0.006	0.02	4.01	11.1	2	3.6	13.5	0.45	0.09	17.3	0.209	0.24	6.1

***** See Appendix Page for comments regarding this certificate *****

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 5-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142152

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E843101		428	15.4	8.6	7	26.4
E843102		105	14.5	21.8	26	43.7
E843103		73	11.8	9.8	8	56.5
E843104		95	11.1	7	14	61.6
E843105		99	9.8	14.8	13	67.9
E843106		68	7.1	15.3	16	61
E843107		67	5.7	16.1	14	66.8
E843108		79	6.6	15.5	19	70.7
E843109		62	6.1	15.8	13	63.3
E843110		84	8.9	14.4	12	67.8
E843111		90	9.4	16	19	70.9
E843112		145	9.6	15.8	20	82
E843113		109	11	11.6	13	67.5
E843114		75	10.2	10.3	4	65.9
E843115		69	11.3	8.8	5	67.3
E843116		70	11.8	9.1	12	63.3
E843117		87	5.2	17	69	88.4
E843118		75	5.5	17.7	71	81.9

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CERTIFICATE OF ANALYSIS VA07142152

Method	CERTIFICATE COMMENTS
ME-MS61	REE's may not be totally soluble in this method.

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Finalized Date: 24-DEC-2007
Account: EIAFRG

CERTIFICATE VA07142673

Project: Werneckes

P.O. No.: FRG07-01

This report is for 8 Drill Core samples submitted to our lab in Terrace, BC, Canada on 29-OCT-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 24-DEC-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142673

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
C333279		0.86	0.006	0.32	0.38	15.2	1130	0.22	2.35	9.53	0.05	3.45	23.3	8	0.12	8.6
C333280		0.98	0.008	0.34	0.45	21	540	0.21	2.9	10.25	0.05	3.66	30.4	4	0.12	5.7
C333281		1.76	0.011	0.16	0.49	47.3	20	0.18	2.7	6.39	0.05	6.72	56.3	11	0.23	3.8
C333282		1.66	<0.005	0.03	0.52	6	20	0.3	1.04	12.05	0.03	5.87	16.1	4	0.2	2.1
C333283		2.58	<0.005	0.05	0.52	16	1130	0.33	0.91	12.5	0.03	5.57	24	4	0.18	1.9
C333284		2.00	0.005	0.06	0.56	26	900	0.26	1.23	13.3	0.02	4.94	35.2	3	0.17	1.7
C333285		2.40	<0.005	0.06	0.62	22.9	20	0.3	1.12	9.62	0.03	9.07	30.9	3	0.14	1.6
C333286		1.82	<0.005	0.05	0.45	15	20	0.16	0.73	8.53	0.02	6.35	20.4	5	0.12	1.9

***** See Appendix Page for comments regarding this certificate *****

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
C333279		2.44	1.06	0.09	0.2	0.051	0.11	1.2	3.3	5.14	3060	2.64	0.02	0.5	10.9	480
C333280		2.94	1.19	0.12	0.3	0.065	0.11	1.3	4.3	5.66	3570	3.22	0.02	0.6	13.9	180
C333281		2.89	1.14	0.11	0.3	0.037	0.14	2.7	3.4	3.36	2390	2.81	0.01	0.5	14.8	630
C333282		2.78	1.39	0.09	0.2	0.049	0.23	2.3	2.2	6.4	3940	1.09	0.01	0.6	7.2	310
C333283		2.64	1.5	0.11	0.2	0.044	0.2	2.4	3.1	6.94	3660	0.83	0.01	0.6	7.4	180
C333284		2.79	1.53	0.09	0.2	0.082	0.1	1.8	5.5	7.98	3540	4.6	0.01	0.4	8.3	310
C333285		3.38	1.78	0.09	0.4	0.199	0.12	4.3	5.8	9.53	3210	1.05	0.01	0.7	6.7	240
C333286		3.42	1.35	0.1	0.3	0.221	0.04	2.9	5.3	9.27	3320	0.96	0.01	0.4	4.7	230

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142673

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
C333279		10.4	5.5	<0.002	0.81	0.67	1.4	1	0.2	61.5	<0.05	<0.05	0.8	0.009	0.33	3.2
C333280		10.4	5.2	<0.002	1.18	0.78	2.2	1	0.2	53.4	<0.05	<0.05	0.8	0.009	0.35	3.3
C333281		14.9	5.1	<0.002	1.65	0.61	0.6	1	<0.2	22.4	<0.05	0.07	0.9	0.009	1.39	2.8
C333282		4.3	10.1	<0.002	0.66	0.31	1	1	<0.2	46.2	<0.05	<0.05	0.9	0.012	0.26	2.8
C333283		4.9	8.5	<0.002	0.84	0.3	1	4	<0.2	56	<0.05	<0.05	0.8	0.011	0.31	2.9
C333284		6	4.7	0.018	1.05	0.27	2.2	2	<0.2	50.5	<0.05	<0.05	0.9	0.008	0.55	2.2
C333285		5.1	5.6	<0.002	0.79	0.29	1.4	2	0.2	32	<0.05	0.05	1.1	0.011	0.44	2.3
C333286		6	1.8	<0.002	0.46	0.23	1.1	1	0.2	26.8	<0.05	<0.05	0.8	0.008	0.17	1.9

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142673

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
C333279		9	0.8	4.5	13	10.1
C333280		13	0.9	5.1	8	11
C333281		5	0.9	3.7	9	12.7
C333282		7	0.8	4.6	7	10.5
C333283		7	0.8	4.8	7	9.4
C333284		8	0.6	6.9	8	9.8
C333285		8	0.9	8	7	16.4
C333286		7	0.7	6.1	10	11.3

***** See Appendix Page for comments regarding this certificate *****

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Finalized Date: 24-DEC-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07142673

Method	CERTIFICATE COMMENTS
ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown.
ME-MS61	REE's may not be totally soluble in this method.

Appendix I.2: Certificates of Analysis Rock

Geochemistry

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Finalized Date: 29-JUN-2007
Account: EIAFRG

CERTIFICATE TR07058479

Project: Werneckes

P.O. No.: FRG07-01

This report is for 76 Rock samples submitted to our lab in Terrace, BC, Canada on 6-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	DAVID MCKEE
MARK O DEA	NEIL P	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058479

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
839801		0.71	<0.005	0.02	8.88	2.1	60	0.62	0.19	0.31	0.02	18.25	7.8	92	0.40	132.5
839802		0.77	<0.005	0.07	7.24	1.3	50	0.61	0.05	0.23	0.05	74.20	5.1	49	1.85	28.2
839803		0.86	<0.005	0.02	8.70	0.9	90	1.07	0.05	0.29	0.09	163.50	6.4	74	0.49	7.6
839804		1.17	0.006	0.05	10.35	1.1	230	1.48	0.77	0.23	0.02	170.50	5.4	58	1.59	74.5
839805		0.93	<0.005	0.03	6.93	2.2	650	2.58	0.10	3.99	0.02	83.80	9.4	52	1.70	2.8
839806		0.76	<0.005	0.03	6.24	3.5	1770	1.17	0.09	2.11	0.04	88.90	1.4	21	0.71	4.2
839807		0.58	<0.005	0.02	7.72	0.8	400	3.44	0.07	3.24	<0.02	89.10	11.1	71	2.43	1.9
839808		1.34	<0.005	0.21	5.75	80.0	80	2.58	0.75	7.62	0.08	64.40	7.5	70	1.50	39.8
839809		0.82	0.015	0.16	1.58	4.9	70	0.58	0.75	0.10	0.03	97.20	40.2	97	0.84	77.1
839810		0.39	<0.005	0.03	0.34	0.5	50	0.14	0.05	0.12	0.03	4.54	1.1	15	0.72	3.8
839811		0.68	<0.005	0.02	3.69	1.6	290	0.86	0.07	0.26	0.02	14.35	7.4	54	2.73	4.1
839812		1.29	<0.005	0.01	7.20	3.7	380	2.34	0.26	0.26	0.03	208.00	6.9	31	2.48	7.4
839813		0.48	<0.005	0.03	2.90	2.4	230	0.84	0.13	0.08	<0.02	8.93	19.6	104	3.11	33.0
839814		0.74	<0.005	0.02	4.97	0.8	1000	1.62	0.03	0.05	0.02	203.00	9.9	44	4.01	28.7
839815		0.35	<0.005	0.13	0.15	4.3	20	0.07	0.02	3.80	0.02	1.74	1.7	57	0.12	7.8
839816		0.59	<0.005	0.30	6.60	26.4	250	0.48	1.67	0.03	<0.02	63.90	2.6	16	0.12	2.4
839817		0.95	<0.005	0.06	7.74	2.6	7860	3.30	0.19	3.21	<0.02	99.70	34.9	58	6.74	1.4
839818		0.82	<0.005	0.04	7.71	2.5	5030	2.97	0.12	3.15	<0.02	86.80	41.7	51	6.80	1.0
839819		0.63	0.034	0.20	1.43	7	410	0.68	0.45	14.30	<0.02	26.10	26.2	12	1.65	1765.0
839820		0.75	<0.005	0.04	7.15	1.7	>10000	2.89	0.23	3.24	<0.02	92.30	24.4	45	6.10	5.0
839821		0.78	<0.005	0.10	6.96	56.3	60	0.97	0.43	5.70	<0.02	32.70	70.9	18	0.21	22.7
839822		0.65	<0.005	0.19	6.91	233.0	30	2.51	1.06	2.33	<0.02	14.90	141.5	83	1.20	7.6
839823		0.60	<0.005	0.61	6.33	22.0	30	1.31	0.46	8.87	0.04	12.60	185.5	170	0.75	2110.0
839824		1.11	<0.005	<0.01	2.69	23.5	20	1.44	0.62	1.17	0.03	145.50	44.9	68	1.35	269.0
839825		0.70	<0.005	0.08	6.98	38.0	10	2.00	0.47	3.93	0.03	47.70	104.0	28	0.09	15.9
839826		0.79	0.035	0.06	3.34	684.0	10	0.18	3.58	8.90	<0.02	240.00	264.0	13	0.20	7.2
839827		0.54	<0.005	0.03	6.50	5.9	2340	0.95	0.17	9.79	<0.02	33.30	53.5	38	2.87	57.1
839828		0.57	<0.005	0.10	7.02	5.1	30	0.61	0.06	5.51	<0.02	22.40	10.4	37	0.16	467.0
839829		0.48	0.008	0.04	9.25	2.6	170	2.49	0.06	0.16	0.06	229.00	0.6	60	2.05	6.7
839830		0.98	0.019	2.61	7.73	34.7	30	1.46	0.45	0.11	<0.02	177.50	0.6	24	0.15	82.3
839831		0.44	<0.005	0.25	8.81	27.6	20	1.07	0.19	0.10	<0.02	37.50	2.8	35	0.13	34.3
839832		0.75	<0.005	0.08	7.97	49.3	20	2.20	0.14	0.16	<0.02	93.00	6.3	17	0.13	3.4
839833		0.76	<0.005	<0.01	7.87	20.1	10	0.85	0.15	1.19	<0.02	199.50	16.5	37	0.46	2.0
839834		0.64	0.015	0.54	3.13	18.3	140	0.72	4.46	0.07	0.04	22.50	6.4	29	1.58	117.5
839835		0.80	<0.005	0.01	6.66	15.8	240	1.14	0.59	0.03	0.02	88.30	11.1	71	2.84	32.9
839836		0.88	<0.005	0.20	3.03	17.3	60	0.50	1.34	0.02	0.02	55.00	6.3	29	0.89	151.0
839837		1.10	<0.005	0.28	0.59	11.8	20	0.10	1.84	0.02	0.04	4.45	6.6	107	0.54	136.5
839838		0.67	<0.005	0.24	0.49	9.2	10	0.12	1.23	0.03	0.03	2.96	4.4	18	0.60	186.0
839839		0.72	<0.005	0.05	7.98	1.7	1270	2.54	0.24	1.70	0.03	345.00	10.7	70	1.90	2.2
839840		0.59	<0.005	0.03	6.53	5.5	520	2.22	0.40	2.17	0.03	>500	8.1	36	1.45	11.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058479

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
839801		7.06	15.20	0.15	2.1	0.005	0.04	10.2	17.1	0.41	340	0.49	6.12	5.4	14.8	790
839802		6.51	13.65	0.19	0.9	<0.005	0.09	36.4	15.0	0.28	317	0.70	4.95	3.8	10.5	690
839803		3.97	16.55	0.20	1.0	<0.005	0.08	77.5	17.1	0.35	310	0.69	5.99	1.9	20.0	660
839804		1.38	17.20	0.19	2.1	0.015	0.66	80.9	11.3	0.18	272	2.80	7.05	4.9	15.5	300
839805		2.24	16.40	0.16	1.4	0.031	3.08	46.1	24.6	1.12	816	0.57	1.94	10.7	22.1	690
839806		0.81	12.90	0.16	0.4	0.005	4.97	45.7	4.5	0.24	279	0.92	1.63	2.0	10.0	840
839807		6.44	22.20	0.21	1.0	0.021	1.71	48.3	27.1	1.05	737	0.31	2.38	4.5	32.4	390
839808		21.80	14.90	0.37	1.8	0.034	0.45	24.1	5.0	0.18	723	3.07	3.45	6.0	38.6	>10000
839809		3.87	5.35	0.15	<0.1	0.006	0.07	52.7	8.8	0.53	242	6.78	0.55	0.3	23.7	300
839810		0.53	0.97	<0.05	0.1	<0.005	0.08	2.3	2.1	0.05	130	0.66	0.07	0.4	2.9	70
839811		4.74	8.24	0.11	0.8	0.012	0.63	7.0	16.7	0.93	271	1.04	1.02	1.1	28.2	1130
839812		2.14	15.75	0.22	2.3	0.036	1.56	108.5	17.1	0.48	183	0.60	2.36	4.6	35.9	970
839813		14.20	7.34	0.18	0.6	0.021	0.86	3.9	11.1	0.43	238	6.26	0.32	1.0	62.8	380
839814		4.98	14.25	0.22	1.4	0.042	1.91	101.0	8.1	0.33	177	0.77	0.20	2.1	22.7	260
839815		0.85	0.56	0.05	<0.1	0.010	0.03	0.7	4.2	0.37	512	1.80	0.02	0.2	6.0	20
839816		0.92	23.20	0.13	2.3	<0.005	0.07	37.1	1.9	0.01	19	11.55	6.64	9.4	1.2	60
839817		5.30	23.80	0.23	2.2	0.222	5.05	52.0	28.8	0.78	4630	1.98	0.02	11.5	30.1	660
839818		5.63	22.40	0.22	2.1	0.229	4.82	45.1	21.5	0.57	4960	1.72	0.03	9.9	30.1	640
839819		9.71	5.15	0.16	0.4	0.299	0.94	13.4	9.9	3.71	16850	7.70	0.03	1.3	16.5	150
839820		5.02	20.90	0.23	2.0	0.243	4.45	49.6	23.1	0.84	5700	1.45	<0.01	9.2	26.5	630
839821		4.27	17.30	0.13	1.2	0.007	0.13	22.4	1.7	2.69	1640	5.46	5.40	5.7	57.1	780
839822		8.75	30.00	0.19	0.9	<0.005	0.46	7.7	29.6	2.33	936	0.75	4.75	4.2	65.0	920
839823		6.02	22.90	0.16	1.1	0.072	0.54	6.5	13.4	5.23	2010	0.67	3.14	0.6	57.4	20
839824		2.44	8.53	0.20	2.0	0.032	0.09	78.4	53.8	2.94	667	2.32	0.04	7.0	55.3	720
839825		6.98	26.40	0.20	0.9	0.012	0.06	32.0	2.2	1.65	1585	0.80	5.46	2.9	50.3	660
839826		16.85	11.20	0.51	0.7	0.058	0.03	166.5	1.4	3.21	4620	29.50	2.41	10.5	521.0	1400
839827		4.25	10.70	0.14	1.8	0.097	5.67	19.4	14.3	2.60	8870	50.50	0.07	6.7	20.8	520
839828		1.89	21.60	0.10	1.6	0.041	0.10	12.3	1.6	2.34	3330	3.68	5.39	12.3	3.9	770
839829		0.19	25.80	0.26	3.9	0.019	1.32	111.0	8.5	0.20	65	1.51	6.24	19.1	2.5	250
839830		1.24	23.40	0.28	2.3	0.075	0.04	80.1	3.7	0.07	41	26.70	6.54	8.0	2.3	360
839831		0.79	22.00	0.09	4.2	0.006	0.07	24.6	1.0	0.02	22	19.00	7.64	10.4	2.8	130
839832		1.07	23.20	0.13	2.3	<0.005	0.07	50.2	1.3	0.01	22	8.65	6.31	4.3	12.0	100
839833		1.84	26.00	0.21	2.1	<0.005	0.23	105.5	9.4	0.66	548	3.14	5.85	7.3	42.5	1240
839834		3.19	8.93	0.11	0.8	0.041	0.68	12.1	29.7	0.66	221	0.70	0.10	4.2	18.0	270
839835		6.29	18.80	0.19	1.8	0.040	1.25	42.7	53.1	1.69	378	0.87	0.14	8.0	31.1	180
839836		4.76	9.29	0.15	0.7	0.024	0.28	26.2	34.3	1.12	281	0.76	0.05	3.5	20.8	110
839837		2.57	2.20	0.06	0.2	0.011	0.01	2.3	6.2	0.24	109	1.00	0.03	2.1	32.9	70
839838		1.66	1.95	0.05	0.1	0.012	0.03	1.6	4.3	0.16	84	0.87	0.05	1.0	13.1	50
839839		3.00	22.00	0.29	1.5	0.061	4.90	270.0	35.0	1.00	871	0.59	1.57	17.2	27.7	640
839840		2.27	20.80	0.54	0.8	0.060	2.18	412.0	26.2	0.87	808	0.37	1.96	8.0	17.3	720

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 29-JUN-2007
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CERTIFICATE OF ANALYSIS TR07058479

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
839801		2.5	1.6	<0.002	0.01	0.85	3.3	2	2.1	82.1	0.44	0.05	21.7	0.255	0.02	2.9
839802		13.0	8.2	<0.002	<0.01	0.85	3.1	2	2.0	42.5	0.35	<0.05	12.3	0.209	0.04	1.6
839803		3.2	5.1	<0.002	<0.01	0.55	3.8	2	1.0	86.1	0.16	<0.05	13.5	0.142	0.03	1.4
839804		2.9	46.5	<0.002	<0.01	0.75	6.8	2	0.9	118.0	0.35	0.06	36.4	0.123	0.20	2.9
839805		4.8	195.5	<0.002	0.01	0.64	8.6	2	2.1	166.0	0.78	<0.05	14.1	0.264	0.33	4.1
839806		2.9	189.5	<0.002	<0.01	0.49	5.0	2	1.0	54.4	0.14	<0.05	7.3	0.080	0.31	5.9
839807		2.2	105.5	<0.002	0.03	0.64	10.5	2	2.3	196.0	0.36	<0.05	11.6	0.268	0.21	1.4
839808		78.7	68.0	<0.002	<0.01	7.62	4.3	10	2.2	152.5	0.56	<0.05	330.0	0.386	0.13	2640.0
839809		8.2	6.7	<0.002	0.17	1.34	1.1	3	0.4	34.1	<0.05	0.47	6.8	0.012	0.05	2.5
839810		6.1	6.6	<0.002	<0.01	0.39	0.5	2	0.2	16.5	<0.05	<0.05	1.1	0.011	0.06	2.7
839811		3.8	50.3	<0.002	<0.01	0.87	3.3	2	1.4	18.6	0.11	<0.05	5.2	0.123	0.27	1.1
839812		64.0	110.5	<0.002	<0.01	3.24	10.0	3	3.3	44.0	0.32	0.05	130.5	0.158	0.21	700.0
839813		2.4	61.9	<0.002	0.02	1.27	3.5	2	0.9	10.5	<0.05	0.07	10.1	0.024	0.16	3.4
839814		2.9	127.0	<0.002	<0.01	0.54	6.9	2	3.4	18.9	0.13	<0.05	15.3	0.105	0.32	2.6
839815		11.4	1.3	<0.002	0.13	0.60	0.3	2	<0.2	13.2	<0.05	<0.05	0.5	<0.005	0.09	1.1
839816		6.2	3.1	0.003	0.49	1.47	0.5	2	2.3	11.4	0.48	0.08	2.5	0.129	0.02	1.8
839817		2.1	282.0	0.002	0.17	1.16	13.2	2	4.1	189.0	0.86	0.07	14.2	0.292	0.78	3.2
839818		2.0	290.0	0.002	0.07	0.99	13.2	2	3.9	102.0	0.73	<0.05	14.5	0.274	0.75	3.7
839819		5.0	52.6	<0.002	0.18	0.41	6.0	2	0.8	70.0	0.09	0.06	2.4	0.038	0.14	2.4
839820		1.4	261.0	0.004	0.25	1.19	12.2	2	3.5	278.0	0.72	0.12	13.2	0.243	0.67	3.0
839821		3.1	4.8	0.002	2.05	0.52	22.3	2	3.0	35.2	0.35	0.15	9.5	0.123	<0.02	3.4
839822		5.2	25.0	<0.002	6.76	0.64	20.1	4	3.1	38.6	0.34	0.68	11.2	0.154	0.08	1.5
839823		6.9	27.8	<0.002	3.58	1.06	50.0	1	1.6	31.3	<0.05	0.15	3.8	0.129	0.06	123.0
839824		1.9	5.5	<0.002	0.56	1.48	9.1	1	1.2	7.2	0.48	<0.05	21.9	0.152	0.02	5.2
839825		4.1	0.7	<0.002	6.93	0.74	15.9	3	1.9	32.9	0.20	0.18	15.9	0.065	<0.02	4.5
839826		5.5	1.8	0.008	>10.0	1.16	18.4	7	3.7	44.5	0.36	0.95	6.9	0.084	0.02	5.0
839827		2.2	234.0	0.008	0.26	1.68	8.3	1	2.3	61.3	0.57	<0.05	13.3	0.175	0.50	7.7
839828		1.7	3.2	<0.002	0.10	1.18	10.2	<1	13.8	32.5	1.00	<0.05	16.0	0.299	0.02	1.4
839829		31.6	72.1	0.009	<0.01	12.30	15.2	3	1.4	35.8	1.34	<0.05	295.0	0.522	0.35	1970.0
839830		42.4	1.4	<0.002	0.05	13.85	4.7	4	0.4	25.0	0.65	0.25	258.0	0.300	0.04	1630.0
839831		14.3	4.4	<0.002	0.07	2.59	3.2	1	0.5	21.0	0.75	<0.05	49.5	0.201	0.02	224.0
839832		8.9	3.7	<0.002	0.06	0.83	1.3	2	0.4	35.3	0.33	0.21	7.8	0.075	<0.02	3.9
839833		2.9	23.3	<0.002	0.44	0.66	9.7	1	2.0	15.6	0.63	0.06	15.4	0.150	0.05	2.4
839834		6.3	50.3	<0.002	0.02	8.00	4.9	2	0.8	17.3	0.31	0.95	6.0	0.084	0.25	1.7
839835		3.1	93.0	<0.002	0.02	1.32	9.1	1	1.4	17.0	0.56	0.05	9.4	0.146	0.45	2.1
839836		4.3	22.5	<0.002	0.03	1.09	4.2	2	0.4	10.2	0.25	0.14	6.4	0.077	0.10	0.8
839837		8.6	1.0	<0.002	0.52	1.42	0.5	1	0.2	8.7	0.15	0.27	2.4	0.031	0.03	0.4
839838		12.1	2.5	<0.002	0.33	2.22	1.2	3	<0.2	7.7	<0.05	0.16	1.1	0.007	0.03	0.2
839839		28.4	233.0	0.010	0.01	1.38	14.8	3	3.1	260.0	1.86	<0.05	29.3	0.398	0.56	149.5
839840		8.8	227.0	<0.002	0.01	1.59	11.3	1	1.8	250.0	0.79	<0.05	33.0	0.241	0.43	74.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
839801		83	1.8	11.1	19	71.1	
839802		84	1.2	6.0	46	27.2	
839803		92	0.6	11.0	73	35.1	
839804		36	3.5	10.4	15	70.3	
839805		46	0.8	19.2	22	47.6	
839806		25	0.5	10.5	9	15.5	
839807		72	1.1	8.6	29	32.9	
839808		199	26.8	281.0	13	46.8	0.26
839809		42	0.5	15.3	23	1.0	
839810		3	0.2	1.0	19	2.6	
839811		35	1.6	6.6	18	26.5	
839812		38	5.4	38.6	12	77.4	
839813		31	4.6	3.6	13	17.4	
839814		49	3.8	6.9	12	44.9	
839815		1	0.1	1.4	8	1.5	
839816		19	40.6	3.4	3	76.2	
839817		76	5.2	12.9	5	77.7	
839818		70	3.6	12.2	4	74.8	
839819		22	1.0	7.5	11	13.2	
839820		66	3.7	10.2	4	69.3	
839821		24	12.0	18.2	5	42.1	
839822		136	4.6	8.8	13	34.0	
839823		147	2.5	26.5	10	37.9	
839824		33	3.1	11.8	9	65.4	
839825		19	3.8	11.6	3	35.8	
839826		58	18.5	11.0	4	29.3	
839827		55	5.1	18.6	3	64.3	
839828		59	24.7	11.8	5	58.2	
839829		84	5.3	53.0	2	114.5	0.23
839830		51	7.5	112.0	2	63.8	0.19
839831		47	2.8	27.7	6	145.5	
839832		16	1.3	7.0	19	79.1	
839833		37	10.5	13.0	3	73.1	
839834		24	0.7	8.5	16	29.4	
839835		48	1.0	9.1	29	61.2	
839836		21	2.0	5.9	19	25.6	
839837		6	1.2	1.5	16	7.2	
839838		5	0.8	8.2	13	2.0	
839839		61	2.4	63.0	38	45.3	
839840		37	2.8	48.6	35	28.5	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058479

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
839841		0.53	<0.005	<0.01	6.11	2.3	50	0.59	0.04	5.87	<0.02	61.00	4.7	41	0.75	13.1
839842		0.69	<0.005	<0.01	11.20	0.8	1410	2.32	0.19	0.10	<0.02	121.50	20.8	68	8.31	<0.2
839843		0.74	<0.005	0.03	7.32	1.1	300	1.54	0.05	1.10	0.04	107.00	6.8	69	4.96	158.0
839844		0.40	<0.005	0.10	10.85	1.1	950	3.40	0.07	0.08	0.05	24.30	9.1	65	13.65	0.3
839845		0.76	0.046	0.18	7.69	38.9	40	0.27	1.53	0.15	<0.02	77.80	185.5	42	0.23	8.5
839846		0.69	0.022	0.06	3.98	92.2	210	1.47	2.66	0.95	<0.02	66.60	714.0	35	1.09	19.4
839847		0.36	0.027	0.16	2.62	72	440	0.32	1.34	10.30	<0.02	268.00	151.0	24	0.26	2.3
839848		0.99	0.008	0.12	7.42	87.3	130	0.43	1.73	1.13	<0.02	17.05	65.8	42	0.23	5.1
839849		0.99	0.162	1.13	1.80	81.3	760	0.38	0.20	8.69	<0.02	192.50	575.0	7	0.29	6020.0
839850		0.90	0.325	1.04	2.61	54	260	0.29	0.24	10.20	<0.02	185.50	779.0	20	0.17	7040.0
839851		0.86	<0.005	0.13	0.08	7.6	4070	<0.05	1.02	0.06	0.02	4.23	6.0	76	0.22	36.4
839852		0.93	0.145	1.82	2.28	120.0	310	0.59	23.50	2.93	<0.02	470.00	76.7	23	1.23	143.5
839853		0.68	0.019	2.59	4.98	101.0	1650	2.56	15.05	0.02	<0.02	29.70	24.3	65	0.99	87.3
839854		0.88	0.032	2.02	4.22	67.9	570	2.14	26.10	0.03	<0.02	41.50	47.1	50	0.96	187.0
839855		1.15	0.037	0.12	8.81	135.5	70	0.69	5.33	0.24	<0.02	10.50	68.5	80	0.51	6.3
839856		0.65	<0.005	0.43	12.75	26.0	430	3.11	0.56	0.14	<0.02	46.10	27.1	115	4.35	101.5
839857		0.62	<0.005	0.72	12.40	7.7	370	2.43	0.33	0.11	<0.02	73.30	57.1	142	3.55	32.6
839858		0.60	<0.005	3.51	10.50	188.0	230	2.09	20.80	1.84	0.73	33.90	101.0	89	2.50	1235.0
839859		0.68	<0.005	0.23	7.87	335.0	1380	0.74	1.81	1.19	<0.02	139.50	20.8	63	1.48	14.8
839860		0.62	0.015	0.47	0.74	81.9	40	0.24	1.92	0.04	0.04	12.20	5.4	26	0.31	25.7
839701		1.22	<0.005	0.03	4.83	3.8	450	1.31	0.17	0.44	<0.02	57.50	19.8	62	12.80	10.7
839702		0.98	<0.005	<0.01	7.29	1.4	640	2.01	0.16	0.04	<0.02	4.77	8.7	44	22.20	4.0
838651		0.94	0.101	0.10	3.95	1.5	460	0.79	2.33	0.22	0.11	30.90	25.6	76	1.90	3420.0
839652		0.83	0.284	0.79	4.57	>10000	330	1.09	33.90	0.03	0.03	43.00	>10000	49	3.42	1850.0
839604		0.82	0.026	0.68	1.80	24.3	320	0.39	1.26	3.70	<0.02	380.00	22.4	20	0.86	3630.0
839605		0.76	0.015	0.15	4.96	52.2	5320	0.19	0.59	6.77	<0.02	82.00	52.9	26	0.52	1010.0
839606		1.07	<0.005	0.01	0.02	0.7	1320	<0.05	0.06	0.06	<0.02	0.49	0.6	2	<0.05	9.7
839607		0.56	<0.005	0.21	4.07	188.0	800	0.90	2.43	0.22	<0.02	57.60	70.8	30	3.75	101.5
838608		0.96	<0.005	0.02	9.66	2.2	610	1.78	0.12	0.14	0.02	21.10	12.0	63	6.01	4.6
838609		0.76	<0.005	0.04	7.03	2.0	2120	2.19	0.13	0.02	<0.02	45.40	3.4	38	7.97	648.0
839610		0.79	<0.005	0.02	8.92	1.2	960	2.51	0.13	0.11	<0.02	89.60	25.3	71	11.80	529.0
839611		1.28	<0.005	0.07	0.60	59.9	150	0.18	0.34	0.29	<0.02	6.10	3.3	19	0.68	68.0
839501		0.74	<0.005	0.09	1.00	1.7	130	0.29	0.02	0.02	<0.02	2.55	3.3	81	1.48	33.3
839502		0.34	<0.005	0.02	11.45	5.4	1350	3.35	0.02	0.18	<0.02	5.04	9.5	58	10.50	10.3
839503		0.79	<0.005	0.02	5.77	1.1	500	1.59	0.01	0.12	<0.02	13.00	7.0	56	12.15	12.1
839504		0.83	0.022	5.88	8.34	1.6	550	3.92	20.70	0.46	<0.02	137.50	12.0	56	3.85	5690.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
839841		2.80	12.70	0.14	0.5	0.046	0.18	32.7	1.7	0.30	3630	6.10	4.18	6.0	10.7	690
839842		4.19	31.50	0.22	2.5	0.075	4.25	56.5	18.0	1.20	351	0.60	0.33	8.0	49.0	400
839843		2.39	16.85	0.17	1.0	0.031	1.26	54.8	29.6	0.50	740	0.51	2.32	6.1	21.9	550
839844		2.91	30.50	0.12	2.2	0.068	3.64	14.8	22.4	0.65	345	0.30	0.79	7.0	23.1	530
839845		4.80	15.25	0.17	2.3	0.007	0.12	45.6	1.0	0.02	105	21.90	6.01	5.2	25.8	1080
839846		9.95	16.20	0.25	1.0	0.138	1.75	40.3	8.8	0.38	1950	63.30	0.42	10.3	71.9	2120
839847		11.20	7.25	0.40	0.5	0.170	0.15	164.0	32.3	4.63	11000	43.80	0.46	7.7	55.0	1740
839848		14.95	21.10	0.24	2.3	0.048	0.21	9.0	183.5	5.62	2350	1.68	0.04	4.2	96.6	800
839849		25.70	15.55	0.62	0.5	0.169	0.80	109.0	10.2	2.15	9320	98.70	0.27	34.3	75.3	4520
839850		16.25	11.95	0.49	0.8	0.238	0.67	105.0	11.1	3.27	10700	67.70	0.85	7.9	89.1	1470
839851		0.50	0.23	<0.05	<0.1	<0.005	0.01	2.3	15.0	0.02	90	4.03	0.02	0.3	2.5	70
839852		10.00	11.65	0.48	0.9	0.224	0.73	332.0	17.9	1.80	2220	60.00	0.03	16.4	58.8	2130
839853		0.79	16.40	0.06	2.7	0.061	2.32	16.7	33.8	0.21	39	89.60	0.04	8.4	11.5	390
839854		0.60	11.95	0.09	3.0	0.054	1.89	19.8	23.9	0.17	32	108.00	0.03	7.0	22.6	380
839855		5.82	25.20	0.15	3.1	0.024	0.41	6.0	51.1	1.63	482	14.60	4.62	10.9	141.0	1020
839856		2.95	34.00	0.14	3.7	0.076	4.49	20.8	9.0	0.59	73	0.82	2.37	9.1	58.3	870
839857		4.13	28.60	0.17	3.1	0.073	3.69	35.4	7.5	0.39	116	1.23	2.97	9.7	127.0	680
839858		4.42	23.70	0.15	3.2	0.120	2.38	16.7	21.5	1.86	1950	3.91	3.25	13.3	74.8	1380
839859		2.93	17.40	0.15	2.2	0.041	8.00	73.0	13.1	0.99	1225	0.84	0.09	9.1	36.8	610
839860		1.91	3.49	0.05	0.3	0.006	0.03	6.5	10.1	0.71	66	1.91	0.03	0.7	6.1	80
839701		1.83	11.05	0.09	1.0	0.014	1.37	31.2	10.9	0.46	162	1.17	0.81	2.4	22.5	2090
839702		1.97	18.65	0.07	1.2	0.025	2.25	1.8	5.9	0.23	52	0.89	1.47	4.6	10.7	70
838651		5.27	11.25	0.13	0.6	0.118	0.48	16.5	30.4	0.75	599	3.60	0.09	1.5	23.8	180
839652		0.97	13.55	0.15	2.3	0.139	1.70	22.0	3.6	0.13	65	29.30	0.13	4.5	1495.0	250
839604		17.95	6.74	0.42	0.6	0.129	1.08	303.0	10.0	1.33	2770	41.70	0.01	3.3	10.3	2480
839605		5.57	9.09	0.19	1.4	0.162	5.57	45.4	1.7	2.66	5500	4.61	0.04	3.9	21.7	510
839606		0.10	0.11	0.08	<0.1	<0.005	0.01	0.5	<0.2	0.01	129	0.16	<0.01	<0.1	0.5	<10
839607		2.42	10.30	0.12	1.6	0.051	1.43	26.4	20.4	0.78	331	0.69	0.01	4.8	24.6	140
838608		6.40	18.15	0.15	1.5	0.019	1.37	11.0	14.4	0.50	349	1.06	4.71	2.4	37.4	30
838609		6.51	20.60	0.14	2.9	0.100	2.73	24.4	9.7	0.29	86	9.94	0.16	3.9	13.3	100
839610		5.36	24.20	0.17	2.1	0.197	2.60	48.6	19.1	0.43	1290	0.52	0.66	8.3	35.7	440
839611		2.22	1.63	0.06	0.2	0.005	0.11	3.0	1.5	0.23	474	0.57	0.08	0.9	1.8	90
839501		2.37	2.86	0.06	0.2	<0.005	0.30	1.4	6.8	0.13	144	1.01	0.03	0.6	12.4	40
839502		6.74	29.40	0.17	2.1	0.049	3.22	3.4	8.2	0.25	59	0.43	2.85	4.0	28.9	470
839503		6.01	13.40	0.14	1.1	0.006	1.68	6.3	2.8	0.09	43	1.21	1.21	2.6	22.3	330
839504		3.02	30.30	0.16	1.7	0.238	3.80	68.5	38.7	1.31	542	15.80	0.96	14.1	39.2	990

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
839841		1.3	12.9	<0.002	<0.01	0.44	9.0	1	1.3	28.8	0.46	<0.05	12.2	0.165	0.03	4.2
839842		4.5	291.0	<0.002	<0.01	0.61	17.4	<1	3.7	89.5	0.60	0.07	17.8	0.244	1.11	4.2
839843		3.2	89.3	<0.002	0.02	0.66	9.1	1	1.6	59.2	0.47	<0.05	13.6	0.155	0.51	1.9
839844		17.7	286.0	0.002	<0.01	1.29	16.1	1	3.5	100.5	0.61	<0.05	20.2	0.166	2.01	29.7
839845		7.4	5.1	0.003	2.50	1.26	2.5	4	1.6	25.0	0.25	0.70	11.4	0.074	0.05	13.5
839846		2.1	110.0	0.002	7.11	1.15	7.2	6	7.9	8.8	0.19	0.77	7.0	0.096	0.33	1.4
839847		3.1	9.1	0.022	3.43	0.54	6.9	5	1.6	32.3	0.17	0.48	5.9	0.048	0.03	6.0
839848		2.0	9.2	0.008	1.40	0.71	5.6	2	0.8	3.9	0.38	0.19	18.2	0.122	0.04	3.9
839849		8.4	31.6	0.021	2.27	1.63	3.7	8	1.0	52.6	0.11	0.40	7.2	0.022	0.12	14.6
839850		4.2	24.4	0.025	3.64	1.01	3.2	17	0.5	39.7	0.16	0.71	6.3	0.038	0.07	9.3
839851		4.8	0.6	<0.002	0.15	0.65	0.1	2	<0.2	517.0	<0.05	0.10	0.2	<0.005	1.67	0.8
839852		13.2	46.3	0.009	5.64	10.30	4.2	7	13.8	19.2	0.45	1.43	11.0	0.070	56.40	8.4
839853		185.0	109.0	0.219	0.21	11.90	3.2	1	3.8	24.6	0.58	0.14	10.2	0.224	1.70	2140.0
839854		172.0	86.6	0.114	0.27	11.20	3.6	2	3.3	13.0	0.50	0.09	7.6	0.200	1.34	3160.0
839855		5.1	25.9	0.008	1.02	1.27	6.1	6	2.1	13.1	0.76	1.06	20.1	0.257	0.10	21.8
839856		10.2	271.0	<0.002	0.48	4.52	22.0	<1	4.8	55.9	0.67	0.29	18.7	0.300	0.74	8.1
839857		11.5	237.0	<0.002	1.57	5.31	23.7	<1	3.9	49.4	0.85	0.38	21.3	0.460	0.58	3.3
839858		21.7	144.5	<0.002	0.90	6.42	18.1	<1	2.0	53.1	0.88	0.12	18.9	0.319	0.42	4.9
839859		5.3	180.0	<0.002	0.64	4.04	6.3	2	3.4	12.0	0.91	<0.05	15.3	0.244	0.47	6.0
839860		20.6	1.4	<0.002	0.02	2.07	0.8	2	<0.2	6.7	0.06	0.05	1.4	0.025	0.04	2.0
839701		8.9	96.4	<0.002	0.03	0.85	4.5	3	1.3	41.2	0.17	0.07	35.9	0.062	0.62	181.5
839702		10.5	156.0	<0.002	0.01	1.24	6.7	2	2.2	82.2	0.34	<0.05	54.4	0.096	1.01	285.0
838651		6.0	36.5	<0.002	0.71	0.92	4.8	9	0.9	38.1	0.14	1.11	5.4	0.046	0.19	10.5
839652		14.2	96.9	0.005	0.84	22.20	2.9	9	1.2	8.3	0.39	0.36	9.0	0.114	2.85	73.0
839604		3.3	62.6	0.002	0.08	1.79	3.1	6	4.1	18.7	0.14	0.52	16.8	0.072	0.08	6.1
839605		4.1	113.0	0.002	0.27	1.91	8.9	4	1.5	205.0	0.28	0.09	8.1	0.118	0.31	4.3
839606		0.5	0.4	<0.002	0.09	<0.05	0.1	1	<0.2	1135.0	<0.05	<0.05	<0.2	<0.005	<0.02	0.1
839607		4.7	74.4	<0.002	0.04	4.46	5.2	3	1.2	11.7	0.43	<0.05	8.5	0.140	0.19	3.2
838608		5.9	97.4	<0.002	0.01	0.56	5.6	2	1.9	94.2	0.21	0.06	14.7	0.060	0.61	2.1
838609		4.1	186.5	<0.002	0.06	0.83	9.2	2	4.0	15.7	0.29	<0.05	12.4	0.111	0.56	11.3
839610		4.8	232.0	<0.002	0.01	0.74	12.5	2	2.9	219.0	0.71	<0.05	16.0	0.217	1.68	2.8
839611		1.6	6.9	<0.002	0.51	0.54	0.7	2	0.2	8.2	0.06	0.07	0.9	0.019	0.06	1.1
839501		3.7	25.7	<0.002	<0.01	0.65	1.0	2	0.9	6.1	<0.05	<0.05	2.3	0.027	0.11	0.7
839502		2.4	234.0	<0.002	<0.01	0.57	12.4	2	4.7	60.3	0.37	<0.05	10.8	0.117	0.79	2.3
839503		3.2	120.0	<0.002	0.02	0.44	6.3	2	1.8	65.0	0.22	<0.05	12.1	0.085	0.70	3.3
839504		2.5	227.0	0.007	0.03	0.53	12.3	4	4.6	33.4	1.22	1.05	18.6	0.387	0.44	8.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 29-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058479

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
839841		38	1.1	16.6	3	16.4	
839842		91	2.1	13.0	14	91.5	
839843		54	0.9	21.3	34	36.3	
839844		78	1.5	9.8	57	76.8	
839845		22	16.4	11.3	23	76.7	
839846		144	6.5	9.4	2	35.2	
839847		41	3.8	19.2	30	19.8	
839848		79	2.1	4.5	90	69.9	
839849		91	2.7	33.5	25	19.5	
839850		57	2.7	32.0	36	30.7	
839851		2	0.1	0.6	7	2.1	
839852		111	19.1	11.8	6	31.9	
839853		43	47.7	16.9	<2	135.5	0.24
839854		48	43.9	40.4	2	182.5	0.34
839855		119	4.0	9.4	40	106.0	
839856		141	3.6	9.9	15	130.5	
839857		153	2.7	11.1	20	111.5	
839858		99	2.3	16.0	515	114.5	
839859		60	3.5	13.6	18	64.1	
839860		31	0.5	7.3	32	8.4	
839701		28	1.1	12.5	15	32.0	
839702		55	1.9	13.2	6	36.5	
838651		34	0.3	7.7	60	17.0	
839652		39	6.0	8.4	16	71.7	
839604		191	6.8	12.5	<2	17.6	
839605		40	2.9	16.4	9	49.9	
839606		<1	<0.1	0.3	<2	<0.5	
839607		28	0.8	14.6	14	51.5	
838608		49	3.9	4.1	16	46.6	
838609		50	5.2	7.5	10	86.7	
839610		74	1.5	7.2	19	64.3	
839611		5	0.5	0.8	8	7.9	
839501		10	1.5	1.8	13	7.3	
839502		74	4.2	7.6	4	62.1	
839503		52	1.4	3.5	3	34.0	
839504		75	2.9	24.1	24	54.0	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 30-JUN-2007
Account: EIAFRG

CERTIFICATE TR07058523

Project: Werneckes

P.O. No.: FRG07-01

This report is for 169 Drill Core samples submitted to our lab in Terrace, BC, Canada on 9-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844187		3.25	<0.005	0.01	9.83	3.0	750	3.58	0.06	0.76	<0.02	116.00	16.1	77	14.05	5.8
E844188		5.48	<0.005	<0.01	9.29	1.6	760	3.77	0.01	0.55	<0.02	106.00	13.4	76	13.40	26.4
E844189		5.79	<0.005	0.02	10.20	1.5	860	3.91	0.03	0.47	<0.02	124.50	9.3	81	14.80	11.6
E844190		5.66	<0.005	0.01	10.35	2.2	910	4.01	<0.01	0.15	<0.02	121.00	12.1	78	14.45	4.9
E844191		7.03	<0.005	0.02	10.40	0.7	1030	4.01	<0.01	0.10	<0.02	125.50	7.7	74	14.60	3.1
E844192		7.26	<0.005	0.02	10.10	0.8	1050	4.16	<0.01	0.22	<0.02	117.50	7.6	77	13.75	3.4
E844193		7.85	<0.005	0.01	10.05	0.6	1160	4.14	0.41	0.15	<0.02	119.00	11.4	81	13.45	7.1
E844194		6.26	<0.005	0.02	9.59	0.8	1180	4.16	0.01	0.17	<0.02	100.00	6.2	72	13.25	1.1
E844195		0.08	<0.005	0.01	0.06	0.2	10	<0.05	0.12	0.01	<0.02	2.59	0.1	1	0.05	1.4
E844196		6.56	<0.005	<0.01	9.42	1.1	1320	5.06	0.06	0.11	<0.02	105.50	6.9	71	11.55	1.8
E844197		6.27	<0.005	<0.01	9.15	1.5	1340	4.45	0.07	0.12	<0.02	106.00	5.1	63	10.25	1.1
E844198		8.15	<0.005	<0.01	9.85	1.1	1570	4.81	0.03	0.10	<0.02	137.50	6.6	61	11.30	1.1
E844199		7.59	<0.005	<0.01	10.00	0.6	1770	4.61	0.01	0.12	<0.02	297.00	3.9	62	9.37	1.1
E844200		6.53	<0.005	<0.01	10.10	0.5	1780	4.84	0.06	0.12	<0.02	79.50	4.8	54	10.10	2.0
E844201		7.62	0.015	<0.01	10.05	0.6	2030	4.99	0.04	0.09	<0.02	109.50	4.9	64	9.34	2.2
E844202		7.04	<0.005	<0.01	10.05	1.0	2490	5.22	0.02	0.14	<0.02	126.00	8.0	58	10.05	1.7
E844203		8.13	0.028	0.01	6.76	4.9	2760	1.81	0.19	1.90	<0.02	90.30	108.5	53	6.07	17.1
E844204		7.51	0.067	0.03	6.04	2.4	1510	1.53	0.59	2.46	<0.02	350.00	63.9	41	5.18	62.9
E844205		5.67	0.014	0.03	6.72	1.3	1980	1.38	0.09	1.71	<0.02	108.50	31.7	50	4.75	48.4
E844206		5.67	0.035	0.01	6.60	1.2	1240	1.27	0.10	1.71	<0.02	107.00	28.1	50	4.50	36.5
E844207		4.98	0.025	0.03	7.32	1.7	1240	1.89	0.13	1.00	<0.02	170.50	22.7	59	5.35	69.9
E844208		7.81	0.011	0.02	7.01	0.8	880	1.48	0.04	0.55	<0.02	145.00	6.6	54	2.31	4.7
E844209		6.45	0.029	0.05	7.19	3.3	1500	1.95	0.07	1.36	<0.02	403.00	25.9	54	3.62	36.1
E844210		5.85	0.005	0.02	6.54	1.5	800	1.22	0.03	2.38	<0.02	50.60	26.0	43	1.79	16.7
E844211		5.16	0.035	0.03	6.72	1.8	1430	2.04	0.27	0.97	<0.02	190.00	39.4	52	2.88	293.0
E844212		6.00	0.029	0.02	6.52	0.8	7380	1.29	0.27	3.12	<0.02	144.00	55.7	39	1.33	8.6
E844213		7.80	0.008	0.02	6.51	1.4	70	3.00	0.07	3.84	<0.02	63.90	58.9	25	0.34	67.8
E844214		7.37	<0.005	0.02	6.18	0.8	30	1.16	0.02	5.51	<0.02	35.50	19.6	32	0.24	58.2
E844215		8.53	<0.005	0.03	7.71	1.0	80	0.69	0.04	3.60	<0.02	33.00	39.6	41	0.24	96.2
E844216		6.10	<0.005	0.02	6.88	0.8	100	0.67	0.03	3.04	<0.02	41.90	24.0	45	0.46	6.4
E844217		7.05	0.007	0.01	7.59	0.9	50	0.73	0.05	2.74	<0.02	57.20	15.5	46	0.35	7.4
E844218		7.91	<0.005	0.01	7.54	1.6	70	0.65	0.06	2.96	<0.02	11.65	25.6	47	0.48	73.5
E844219		7.30	<0.005	0.02	7.82	1.8	50	0.70	0.05	3.80	<0.02	58.90	32.4	43	0.32	23.2
E844220		7.30	<0.005	0.03	8.30	1.9	50	0.65	0.09	3.46	<0.02	46.70	52.2	48	0.36	24.0
E844221		4.87	<0.005	0.03	7.11	1.3	40	0.60	0.05	4.23	<0.02	52.90	31.5	40	0.34	7.0
E844222		4.65	0.005	0.02	7.52	1.1	60	0.71	0.06	4.82	<0.02	53.40	32.2	36	0.42	24.0
E844223		4.25	0.020	0.03	4.51	<5	150	1.41	0.17	17.45	<0.02	24.40	12.3	14	0.43	711.0
E844224		6.67	0.323	0.10	6.86	<5	640	2.64	1.34	10.55	<0.02	51.40	9.7	22	0.96	5170.0
E844225		7.13	0.066	0.08	6.51	<5	890	2.32	0.08	11.50	<0.02	131.00	7.4	27	1.20	3150.0
E844226		0.07	0.881	36.70	4.31	1030.0	490	0.51	30.50	6.83	0.83	23.40	39.3	267	1.14	4480.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
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CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844187		6.51	27.90	0.18	3.2	0.231	4.50	56.7	6.3	0.29	519	2.16	0.23	10.8	46.2	500
E844188		5.92	27.60	0.17	3.4	0.224	4.36	51.5	5.8	0.28	894	1.37	0.25	11.2	42.3	500
E844189		6.47	28.90	0.20	3.0	0.231	4.79	60.0	5.6	0.29	694	1.11	0.22	10.1	46.9	560
E844190		6.22	29.40	0.19	3.1	0.217	4.80	58.1	8.5	0.38	262	0.96	0.23	11.6	43.0	480
E844191		5.57	30.50	0.19	3.1	0.238	5.04	61.2	6.4	0.29	196	0.86	0.22	13.1	38.6	500
E844192		5.94	29.20	0.17	2.7	0.232	4.83	57.4	7.1	0.31	253	0.80	0.20	11.7	43.2	540
E844193		6.51	29.00	0.19	2.3	0.234	4.84	57.4	6.3	0.30	235	0.87	0.23	11.4	47.9	560
E844194		5.49	27.60	0.16	2.1	0.239	4.75	49.7	7.5	0.33	245	0.74	0.18	11.0	39.0	640
E844195		0.02	0.23	0.07	0.8	<0.005	0.01	1.5	2.1	<0.01	<5	0.21	0.01	0.2	0.5	10
E844196		5.87	27.50	0.17	1.8	0.230	4.51	53.9	8.9	0.34	217	0.85	0.32	10.4	40.2	490
E844197		5.78	25.60	0.16	2.1	0.232	4.63	54.3	6.2	0.28	194	0.75	0.18	10.0	36.6	520
E844198		5.47	31.20	0.19	2.4	0.302	5.03	68.9	6.2	0.26	168	0.75	0.19	10.6	35.1	490
E844199		5.02	29.10	0.30	2.5	0.303	4.99	147.5	6.8	0.29	179	0.61	0.30	8.6	30.2	570
E844200		4.94	30.00	0.15	2.6	0.335	4.91	38.6	7.3	0.27	181	0.63	0.36	10.3	28.6	550
E844201		4.49	30.20	0.16	2.9	0.361	5.24	53.6	8.2	0.32	180	0.40	0.24	9.6	29.0	480
E844202		5.43	30.80	0.18	3.0	0.460	5.09	64.5	10.7	0.36	200	0.49	0.15	9.7	29.0	700
E844203		16.30	16.80	0.21	1.4	0.511	3.20	57.9	19.9	0.74	974	9.95	0.33	5.9	47.4	790
E844204		14.45	19.20	0.36	1.5	0.494	2.60	238.0	35.2	1.14	941	65.60	0.48	8.1	67.4	710
E844205		14.30	17.60	0.21	1.4	0.464	2.98	68.4	27.1	0.50	760	13.45	1.00	8.0	32.5	810
E844206		14.10	16.60	0.19	1.3	0.435	3.02	70.9	30.2	0.60	929	13.60	0.77	8.1	30.9	930
E844207		14.55	23.60	0.25	1.9	0.455	3.35	102.5	42.8	1.08	806	14.35	0.68	10.6	37.0	1200
E844208		13.40	19.30	0.20	1.5	0.139	1.92	87.2	22.9	1.55	277	5.50	1.99	3.8	34.0	870
E844209		16.40	20.60	0.41	1.7	0.203	2.90	259.0	21.4	0.70	462	7.22	1.13	8.1	33.4	4970
E844210		14.55	15.05	0.19	1.3	0.099	1.61	29.2	13.7	0.88	430	3.47	2.42	4.4	34.2	770
E844211		11.55	19.55	0.27	1.6	0.147	2.37	117.0	17.5	0.52	592	24.60	1.85	5.9	31.7	1210
E844212		11.65	17.60	0.24	1.4	0.052	0.94	83.5	15.4	1.44	2770	35.90	2.85	2.8	49.2	800
E844213		7.55	16.50	0.14	0.9	0.016	0.18	34.2	5.8	1.11	1515	6.88	4.62	3.5	24.3	650
E844214		7.41	15.35	0.13	0.9	0.024	0.14	19.0	6.9	1.54	1705	0.97	4.24	4.8	8.5	560
E844215		5.83	18.85	0.11	1.0	0.017	0.10	16.9	4.0	0.40	791	1.98	5.87	6.4	13.8	690
E844216		6.20	16.20	0.11	0.9	0.020	0.33	21.2	5.0	0.39	758	1.36	4.96	5.7	11.4	750
E844217		5.75	17.45	0.11	1.1	0.012	0.16	29.3	6.5	0.70	673	0.82	5.61	6.0	12.6	790
E844218		6.28	18.05	0.15	0.7	0.014	0.27	5.8	11.4	1.39	981	0.56	5.14	5.9	26.6	790
E844219		6.55	19.15	0.17	0.9	0.014	0.21	29.4	5.9	0.69	947	0.90	6.04	5.7	15.3	750
E844220		7.22	18.40	0.15	0.9	0.016	0.20	23.2	5.2	0.48	726	1.37	6.34	5.9	21.5	790
E844221		5.61	18.15	0.15	0.6	0.023	0.18	26.3	5.6	0.59	881	1.42	5.42	5.3	15.1	630
E844222		6.27	17.75	0.15	0.7	0.018	0.28	27.3	6.5	0.64	1090	2.37	5.51	4.2	14.4	710
E844223		1.07	9.64	0.10	0.8	0.029	0.71	13.4	4.2	0.66	2300	3.86	2.49	2.3	12.7	700
E844224		1.43	12.90	0.12	1.1	0.064	2.55	31.4	6.2	0.76	1435	8.56	2.45	3.9	12.8	770
E844225		2.32	14.60	0.18	1.4	0.032	2.67	76.1	6.1	0.73	1425	4.86	2.13	2.9	20.8	790
E844226		4.21	12.50	<0.05	0.4	0.196	1.41	16.5	13.4	0.85	1750	723.00	0.69	1.6	16.8	570

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844187		2.5	350.0	0.003	0.02	0.78	18.6	1	3.4	63.2	0.72	0.06	16.5	0.221	1.38	2.9
E844188		2.6	340.0	0.003	0.02	0.75	18.2	1	3.5	52.2	0.70	<0.05	15.9	0.202	1.27	3.6
E844189		2.6	366.0	0.003	0.01	0.72	19.7	1	3.2	46.1	0.65	<0.05	16.4	0.230	1.23	3.4
E844190		2.3	375.0	0.003	0.02	0.74	18.7	1	3.6	36.8	0.72	<0.05	17.4	0.223	1.06	3.0
E844191		2.4	376.0	0.003	0.01	0.61	17.7	1	3.7	37.4	0.81	<0.05	18.9	0.245	1.06	3.1
E844192		2.1	364.0	0.002	0.01	0.78	18.2	1	3.5	33.2	0.78	<0.05	17.4	0.266	0.95	2.7
E844193		2.0	349.0	0.003	0.02	0.62	17.8	1	3.4	35.2	0.72	0.35	16.7	0.243	0.90	2.1
E844194		1.8	338.0	0.003	<0.01	0.68	16.6	1	3.3	32.3	0.72	<0.05	14.5	0.246	0.88	1.7
E844195		1.0	0.7	0.007	0.01	<0.05	0.2	1	<0.2	2.2	<0.05	<0.05	0.3	0.006	0.02	0.2
E844196		2.0	304.0	<0.002	0.01	0.80	18.0	2	3.0	33.0	0.63	<0.05	15.7	0.216	0.82	1.6
E844197		1.8	293.0	<0.002	<0.01	0.56	16.1	2	2.9	29.9	0.60	0.05	16.4	0.211	0.74	1.7
E844198		2.0	327.0	<0.002	<0.01	0.62	18.8	2	3.8	35.0	0.60	<0.05	21.1	0.235	0.80	2.0
E844199		1.9	306.0	<0.002	<0.01	0.57	17.4	2	3.4	33.3	0.45	<0.05	20.4	0.232	0.68	2.1
E844200		2.1	312.0	<0.002	<0.01	0.65	16.9	2	3.7	35.3	0.58	<0.05	19.7	0.240	0.70	2.3
E844201		1.9	320.0	<0.002	<0.01	0.71	17.5	1	3.7	36.9	0.52	0.07	20.2	0.238	0.66	2.5
E844202		2.2	323.0	<0.002	0.01	0.68	17.5	2	3.9	49.3	0.51	<0.05	21.8	0.231	0.65	3.2
E844203		2.2	190.5	0.003	0.33	0.47	19.7	4	4.8	93.2	0.31	0.36	9.7	0.143	0.34	6.9
E844204		11.4	176.0	0.015	0.31	0.43	15.2	4	9.9	129.0	0.44	0.98	15.0	0.129	0.27	17.2
E844205		4.6	177.5	<0.002	0.09	0.41	12.8	2	4.6	119.0	0.50	0.16	14.4	0.144	0.26	7.4
E844206		6.3	177.0	0.005	0.08	0.37	12.5	2	5.2	77.1	0.44	0.21	14.0	0.146	0.22	12.8
E844207		8.6	226.0	0.005	0.03	0.56	14.3	3	9.4	65.0	0.55	0.20	17.8	0.147	0.30	32.9
E844208		5.8	107.5	0.002	0.01	0.40	11.1	1	3.7	38.6	0.23	0.06	15.9	0.100	0.14	23.5
E844209		12.8	189.5	0.003	0.05	0.80	13.2	2	6.0	70.8	0.31	0.39	17.9	0.134	0.19	12.1
E844210		3.3	98.8	0.003	0.08	0.53	12.7	1	2.7	48.9	0.25	0.07	13.6	0.099	0.10	5.4
E844211		4.8	158.5	0.009	0.06	0.57	10.9	1	5.5	57.0	0.27	0.30	15.9	0.117	0.15	12.7
E844212		4.5	61.7	0.004	0.27	0.44	10.0	1	2.1	292.0	0.18	0.32	14.0	0.064	0.08	8.6
E844213		2.5	11.1	<0.002	0.27	0.34	10.2	2	1.3	55.7	0.28	0.09	12.0	0.101	0.04	2.6
E844214		1.9	9.3	<0.002	0.08	0.48	12.9	1	1.6	40.1	0.48	<0.05	12.5	0.183	0.03	1.4
E844215		2.9	4.5	<0.002	0.17	0.63	7.4	1	1.7	44.7	0.57	<0.05	12.4	0.184	0.04	1.8
E844216		3.2	17.1	<0.002	0.10	0.61	6.8	<1	1.7	37.5	0.50	<0.05	12.9	0.187	0.08	1.7
E844217		5.5	8.5	<0.002	0.07	0.65	7.8	1	1.7	34.1	0.51	<0.05	16.1	0.193	0.05	2.6
E844218		2.8	16.1	<0.002	0.19	0.62	8.3	1	1.7	30.5	0.51	<0.05	16.2	0.198	0.05	2.8
E844219		2.7	10.7	<0.002	0.23	0.57	9.7	1	1.7	41.0	0.47	<0.05	14.2	0.188	0.05	2.3
E844220		3.3	11.6	<0.002	0.34	0.56	8.5	1	1.7	36.9	0.50	<0.05	15.7	0.200	0.05	2.8
E844221		3.0	11.3	<0.002	0.13	0.64	9.9	1	1.6	47.8	0.47	<0.05	15.2	0.173	0.04	1.9
E844222		2.7	17.2	<0.002	0.13	0.52	11.1	1	1.4	55.0	0.38	<0.05	14.9	0.172	0.05	2.0
E844223		1.4	29.1	<0.002	0.05	0.31	10.7	1	0.7	153.5	0.18	0.15	9.9	0.059	0.04	2.1
E844224		2.4	94.4	<0.002	0.26	0.52	8.7	3	1.3	115.5	0.29	1.04	13.5	0.103	0.13	7.7
E844225		2.5	100.5	<0.002	0.26	0.35	10.5	2	1.0	146.5	0.23	0.40	12.7	0.084	0.13	6.1
E844226		61.8	32.3	0.070	0.73	87.50	6.2	5	3.2	284.0	0.08	3.96	1.4	0.115	0.22	2.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844187		105	2.7	11.2	4	108.0		
E844188		96	2.6	9.7	4	117.5		
E844189		112	2.5	10.8	3	101.0		
E844190		105	2.5	10.2	3	101.0		
E844191		97	2.7	8.9	3	102.5		
E844192		105	2.6	9.4	3	91.0		
E844193		106	2.6	8.6	2	79.1		
E844194		96	2.3	8.7	4	71.2		
E844195		<1	<0.1	1.9	3	29.3		
E844196		95	2.2	8.7	7	59.9		
E844197		81	2.1	8.5	4	70.6		
E844198		77	2.8	9.6	4	77.8		
E844199		94	2.9	10.0	4	81.8		
E844200		74	3.7	8.6	4	84.0		
E844201		90	5.1	8.0	3	88.9		
E844202		71	6.8	9.8	3	95.7		
E844203		149	14.0	11.0	5	42.8		
E844204		94	23.0	20.4	6	48.3		
E844205		88	15.1	14.0	5	46.4		
E844206		93	14.4	14.2	4	40.0		
E844207		113	23.2	14.3	7	58.4		
E844208		108	8.4	8.4	16	46.6		
E844209		225	14.1	22.8	7	59.0		
E844210		77	8.2	14.1	8	47.1		
E844211		90	12.3	14.5	4	57.0		
E844212		84	3.8	10.5	17	47.6		
E844213		66	1.3	21.1	7	31.1		
E844214		75	1.5	13.2	6	33.4		
E844215		71	1.8	7.4	6	32.9		
E844216		69	1.5	6.2	9	31.1		
E844217		67	1.6	8.1	11	36.5		
E844218		64	1.8	5.9	14	27.8		
E844219		62	1.7	7.2	7	29.7		
E844220		62	1.6	7.1	8	32.7		
E844221		56	1.9	8.4	7	22.7		
E844222		55	1.2	8.6	7	24.2		
E844223		21	3.0	16.1	4	27.6		
E844224		26	4.0	16.4	5	39.9		
E844225		45	2.7	19.0	14	45.2		
E844226		60	13.7	9.2	110	17.9		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E844227		5.40	0.077	0.10	7.44	1.3	1170	3.06	0.10	7.74	<0.02	74.30	7.9	33	1.91	3740.0
E844228		4.18	0.417	0.45	6.87	2.6	2200	2.29	0.13	2.94	0.03	36.60	14.6	38	1.98	>10000
E844229		3.29	0.321	0.24	8.43	1.7	2500	2.90	0.05	0.36	0.02	152.00	8.5	43	2.05	7070.0
E844230		2.67	0.302	0.26	8.33	2.1	2300	3.17	0.04	0.30	<0.02	178.00	9.6	42	2.23	6890.0
E844231		3.53	0.103	0.14	7.79	1.2	650	4.19	0.09	4.56	<0.02	44.60	10.2	32	3.31	>10000
E844232		3.48	0.008	0.02	6.86	5	950	2.63	0.04	13.15	0.02	99.40	5.5	23	3.18	403.0
E844233		0.06	0.006	0.01	0.05	<0.2	10	<0.05	<0.01	0.02	<0.02	2.66	0.1	<1	<0.05	4.5
E844234		7.07	0.006	0.03	7.57	1.1	1010	3.75	0.11	9.24	<0.02	49.40	8.0	30	4.20	817.0
E844235		7.27	<0.005	0.02	7.13	2.3	2090	2.64	0.07	4.91	0.02	57.90	6.7	30	3.61	370.0
E844236		7.39	<0.005	0.03	8.06	1.5	3440	2.64	0.06	7.06	<0.02	50.00	10.1	37	4.05	242.0
E844237		5.27	<0.005	0.03	7.07	0.9	970	3.34	0.07	3.81	0.02	60.30	8.7	43	3.62	1745.0
E844238		5.80	0.006	0.02	7.34	1.2	800	3.80	0.09	2.42	<0.02	74.40	8.6	39	4.98	699.0
E844239		7.78	<0.005	0.01	8.20	0.9	940	3.75	0.06	2.48	<0.02	66.10	8.6	43	4.33	390.0
E844240		3.85	<0.005	0.01	7.38	1.0	820	3.27	0.04	3.98	<0.02	196.50	8.3	38	3.58	470.0
E844241		3.98	0.006	0.02	7.02	0.8	740	3.99	0.08	3.81	<0.02	106.50	7.0	35	3.82	395.0
E844242		6.71	0.005	0.02	6.97	1.1	1030	2.81	0.07	4.05	0.03	132.50	8.8	34	4.31	678.0
E844243		6.94	0.005	0.02	7.06	0.9	1210	2.55	0.05	4.67	0.02	67.10	6.9	33	3.02	832.0
E844244		7.72	0.005	0.02	6.38	0.7	1000	2.14	0.11	6.36	0.02	24.60	6.9	34	2.02	125.5
E844245		7.36	<0.005	0.09	6.59	1.6	990	3.14	0.20	4.35	0.02	71.70	5.5	26	2.75	69.3
E844246		7.04	0.006	0.07	7.04	0.7	1040	3.30	0.04	2.98	0.02	114.50	6.4	43	3.80	166.0
E844247		7.32	0.009	0.07	6.31	1.3	1220	4.31	0.12	3.66	<0.02	93.40	6.9	44	3.18	80.4
E844248		7.21	0.014	0.06	6.81	0.9	1660	2.40	0.14	4.97	0.02	85.20	8.3	28	1.99	51.6
E844249		3.40	0.009	0.10	7.52	0.7	1760	2.70	0.09	2.86	<0.02	102.00	7.6	49	3.11	71.4
E844250		3.68	0.007	0.07	7.28	1.0	1650	3.03	0.29	2.94	0.23	92.30	9.8	52	3.51	57.6
E844251		7.21	0.008	0.04	8.09	1.5	1680	2.47	0.06	0.49	<0.02	146.00	15.3	68	4.16	306.0
E844252		5.76	0.028	0.03	8.55	1.5	1900	3.23	0.03	0.65	<0.02	20.00	8.1	50	3.54	308.0
E844253		7.47	0.022	0.03	6.54	1.7	1110	2.19	0.10	4.37	<0.02	128.50	32.9	44	2.49	928.0
E844254		6.44	0.027	0.07	7.03	1.3	2330	1.73	0.25	1.45	<0.02	88.00	12.5	55	2.58	2680.0
E844255		6.76	0.009	0.06	6.92	1.4	2240	2.66	0.08	3.09	<0.02	122.50	8.8	40	2.58	882.0
E844256		6.00	0.007	0.03	7.14	1.5	1670	2.88	0.05	6.99	<0.02	129.50	7.4	32	2.11	1080.0
E844257		5.24	0.022	0.06	6.29	1.7	1470	2.66	0.09	3.16	<0.02	111.00	12.3	43	1.87	5620.0
E844258		3.30	0.116	0.17	7.05	2.1	2650	0.86	0.69	7.28	<0.02	177.00	30.4	40	1.06	>10000
E844259		7.67	0.082	0.10	7.11	3.2	2250	0.83	0.07	8.52	<0.02	142.00	72.8	40	1.06	7040.0
E844260		7.28	0.015	0.06	6.86	12.8	2010	1.15	0.01	7.33	0.02	101.50	250.0	45	1.08	1070.0
E844261		5.39	0.048	0.05	6.55	3.0	3220	0.46	0.05	8.28	<0.02	167.50	27.7	30	0.69	1560.0
E844262		5.44	0.107	0.06	6.83	12	2710	0.80	0.08	10.80	<0.02	119.50	72.2	32	0.66	3070.0
E844263		5.33	0.024	0.06	6.50	11	1050	1.49	0.02	11.60	<0.02	78.00	39.2	27	0.64	869.0
E844264		4.32	<0.005	0.03	7.21	1.7	1280	2.17	<0.01	6.19	<0.02	64.20	9.1	39	0.90	99.5
E844265		7.35	0.044	0.04	7.55	1.2	1350	2.16	<0.01	5.82	<0.02	167.50	11.7	42	1.07	46.9
E844266		6.61	<0.005	0.02	7.07	1.2	920	2.20	<0.01	3.80	<0.02	173.00	8.8	49	1.18	14.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844227		1.67	14.85	0.14	1.6	0.043	3.25	39.3	5.6	0.58	926	3.74	3.02	5.0	15.5	790
E844228		3.89	14.40	0.17	1.5	0.237	3.89	19.8	4.4	0.54	606	37.00	1.73	4.7	36.4	1170
E844229		2.46	19.25	0.16	2.2	0.161	5.19	86.0	4.1	0.36	95	5.37	2.31	6.6	30.1	1120
E844230		2.53	21.40	0.20	2.4	0.161	5.13	101.5	4.2	0.37	83	5.26	2.15	7.6	34.2	1130
E844231		2.01	16.40	0.12	1.4	0.068	2.37	22.5	7.3	0.74	800	25.40	3.51	5.1	22.5	1020
E844232		1.26	15.25	0.15	1.5	0.020	2.96	51.7	6.8	0.98	2250	46.80	2.02	4.0	13.9	710
E844233		0.02	0.18	0.08	0.5	<0.005	0.01	1.5	2.2	<0.01	<5	0.35	0.01	0.2	0.4	10
E844234		2.19	19.10	0.13	2.1	0.098	3.01	26.3	7.1	0.74	2260	7.62	2.26	4.6	20.3	890
E844235		1.68	19.20	0.14	1.6	0.108	3.72	32.6	11.1	0.79	1270	0.84	1.77	5.8	15.7	740
E844236		2.18	25.20	0.13	2.0	0.124	3.70	25.1	13.0	0.93	1925	0.83	1.63	5.7	22.3	910
E844237		1.93	21.70	0.14	1.8	0.107	2.71	29.9	12.6	0.77	912	1.34	2.31	5.8	24.4	650
E844238		2.26	22.30	0.14	1.7	0.118	3.02	36.2	14.0	0.80	576	1.05	2.11	5.2	29.3	530
E844239		2.02	24.30	0.12	2.2	0.130	3.52	32.3	14.6	0.83	537	0.59	2.06	5.7	28.9	650
E844240		2.17	21.70	0.23	1.9	0.121	2.93	99.1	13.2	0.83	850	0.48	2.17	5.3	31.1	720
E844241		1.59	19.05	0.13	1.6	0.110	2.71	50.8	10.8	0.63	757	0.43	2.56	5.0	21.8	670
E844242		2.08	18.20	0.17	1.3	0.103	3.15	65.1	12.6	0.80	1050	0.38	1.92	4.2	27.2	570
E844243		1.54	17.25	0.13	1.2	0.073	3.38	36.0	7.8	0.59	1115	0.63	2.18	4.9	22.6	630
E844244		1.29	16.00	0.12	1.0	0.031	2.87	12.9	8.6	0.76	1265	0.24	1.75	4.7	21.5	630
E844245		1.05	19.20	0.18	1.3	0.042	2.97	41.2	8.9	0.53	978	0.35	2.24	5.6	19.3	640
E844246		1.69	25.10	0.22	1.8	0.105	3.83	58.8	11.9	0.64	752	0.37	1.52	6.6	28.3	690
E844247		2.57	22.60	0.20	1.6	0.056	3.68	44.5	8.9	0.45	873	0.32	2.08	5.5	28.2	670
E844248		1.61	18.35	0.20	1.4	0.024	4.06	48.1	11.1	0.73	1240	0.35	2.04	4.9	31.6	640
E844249		2.63	18.75	0.18	1.3	0.043	4.12	57.7	11.5	0.76	757	0.32	1.76	4.4	31.2	590
E844250		2.93	22.90	0.22	1.6	0.047	4.07	51.7	14.0	0.82	864	0.39	1.48	5.1	37.4	550
E844251		4.03	25.20	0.19	3.0	0.056	5.40	72.4	13.8	0.65	273	0.52	0.99	6.4	34.1	630
E844252		1.51	27.10	0.08	3.9	0.064	6.06	10.0	16.4	0.64	275	0.96	0.84	8.5	28.3	600
E844253		5.05	19.20	0.21	1.8	0.047	3.87	59.5	13.0	0.71	1090	1.14	1.25	6.1	32.6	520
E844254		1.29	18.80	0.15	1.5	0.045	5.58	47.0	10.8	0.53	421	6.90	1.22	6.4	26.8	700
E844255		1.08	17.90	0.19	2.5	0.026	5.72	60.7	12.3	0.59	668	11.10	1.36	7.8	28.2	540
E844256		0.98	15.05	0.19	1.6	0.024	4.50	69.6	7.1	0.47	1220	91.60	2.05	5.8	14.3	580
E844257		1.27	15.55	0.16	1.6	0.033	4.67	53.9	7.0	0.43	699	35.60	1.96	5.8	23.7	520
E844258		3.60	18.55	0.23	1.7	0.097	5.63	105.0	6.3	0.84	1070	69.50	1.17	5.5	38.9	860
E844259		6.37	18.60	0.22	1.9	0.038	6.70	80.2	10.5	1.17	1360	8.42	0.58	5.8	39.0	720
E844260		10.50	20.00	0.24	1.8	0.014	5.66	55.0	12.4	1.53	1810	4.99	0.83	5.3	44.2	600
E844261		1.33	16.15	0.22	1.7	0.025	6.26	84.7	4.8	0.80	1460	3.53	0.75	6.5	18.1	650
E844262		1.68	16.55	0.16	1.8	0.050	5.40	59.5	7.5	0.71	1640	6.18	1.29	5.4	20.0	760
E844263		1.98	15.75	0.10	1.7	0.021	3.72	41.9	7.7	0.70	1610	2.43	1.95	5.1	17.2	950
E844264		1.77	20.80	0.14	1.5	0.014	4.42	36.9	10.0	0.86	688	0.32	2.09	7.8	20.2	740
E844265		2.08	22.40	0.19	1.8	0.024	4.53	99.8	11.7	0.85	716	0.32	2.24	8.9	21.2	810
E844266		2.43	23.10	0.20	1.6	0.019	4.20	97.3	11.9	0.77	518	0.22	2.89	7.8	21.3	740

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844227		3.3	115.0	<0.002	0.21	0.49	6.9	2	1.4	111.0	0.37	0.37	13.3	0.127	0.15	3.4
E844228		6.2	123.0	<0.002	0.12	0.72	6.9	6	2.7	116.5	0.30	3.27	12.4	0.100	0.21	16.1
E844229		3.5	179.0	<0.002	0.16	0.50	7.7	3	3.3	127.5	0.40	1.28	17.3	0.153	0.28	8.0
E844230		3.6	190.5	<0.002	0.15	0.51	9.3	3	3.8	122.0	0.45	1.17	18.6	0.162	0.30	9.0
E844231		3.0	98.2	<0.002	0.06	0.61	7.1	4	1.4	137.5	0.37	0.57	15.9	0.121	0.27	9.0
E844232		2.1	103.5	<0.002	0.02	0.67	11.5	1	1.0	219.0	0.29	0.05	14.0	0.103	0.32	2.2
E844233		0.9	0.3	<0.002	0.01	<0.05	0.3	1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02	0.2
E844234		1.9	151.0	<0.002	0.03	0.86	8.2	1	1.1	121.5	0.33	0.08	13.4	0.108	0.54	2.6
E844235		3.8	204.0	<0.002	0.05	1.02	7.1	1	1.4	89.5	0.44	<0.05	14.2	0.128	0.58	4.7
E844236		2.5	228.0	<0.002	0.10	1.02	13.3	1	2.6	139.0	0.40	<0.05	14.1	0.153	0.47	2.5
E844237		2.7	193.5	<0.002	0.04	0.95	9.7	1	2.0	60.6	0.42	<0.05	14.0	0.149	0.39	2.3
E844238		2.3	214.0	<0.002	0.04	0.98	8.7	1	2.4	41.9	0.37	0.06	12.6	0.149	0.46	1.4
E844239		2.1	252.0	<0.002	0.05	0.90	12.4	1	2.7	41.3	0.41	0.05	15.0	0.171	0.56	1.6
E844240		2.2	210.0	<0.002	0.05	1.04	10.8	1	2.3	43.8	0.39	<0.05	16.7	0.163	0.50	1.6
E844241		2.5	182.0	<0.002	0.05	0.88	8.1	1	1.8	49.7	0.36	0.05	13.2	0.139	0.43	3.3
E844242		3.1	183.0	<0.002	0.05	1.06	8.3	1	1.8	59.2	0.31	0.05	14.2	0.136	0.48	2.3
E844243		2.7	161.5	<0.002	0.03	0.74	9.6	1	1.7	74.9	0.36	<0.05	13.0	0.130	0.35	1.6
E844244		2.1	119.0	0.002	0.02	0.45	10.1	1	1.5	92.3	0.35	0.11	11.3	0.128	0.26	0.9
E844245		4.1	141.5	<0.002	0.02	0.81	9.5	1	1.7	72.4	0.43	0.15	14.0	0.130	0.37	1.7
E844246		2.8	213.0	<0.002	0.02	0.76	12.9	1	2.7	51.8	0.47	<0.05	17.5	0.163	0.61	2.0
E844247		2.8	158.5	<0.002	0.02	0.72	10.8	1	1.9	62.8	0.42	0.27	15.6	0.146	0.46	1.2
E844248		2.4	138.0	<0.002	0.02	0.68	11.9	1	1.5	72.3	0.38	0.12	15.4	0.125	0.25	1.1
E844249		2.2	179.0	<0.002	0.03	0.59	8.2	1	1.6	58.8	0.34	0.09	14.7	0.138	0.35	1.1
E844250		2.3	204.0	<0.002	0.03	0.72	10.3	1	1.9	65.3	0.39	0.22	15.7	0.138	0.41	1.2
E844251		3.1	273.0	<0.002	0.05	0.61	12.1	2	2.7	53.0	0.49	0.05	22.0	0.167	0.42	2.3
E844252		5.5	324.0	<0.002	0.01	0.85	14.1	2	2.9	51.4	0.58	<0.05	18.7	0.203	0.46	3.0
E844253		2.2	194.5	<0.002	0.15	0.61	13.7	2	2.0	69.1	0.47	0.09	16.5	0.153	0.28	1.8
E844254		6.0	219.0	<0.002	0.05	0.63	9.0	3	1.8	70.1	0.47	0.17	16.9	0.143	0.38	2.1
E844255		3.0	205.0	<0.002	0.02	0.63	10.6	2	1.7	75.9	0.58	0.05	15.8	0.147	0.32	1.7
E844256		2.6	176.5	0.004	0.05	0.47	11.0	2	1.3	107.0	0.43	<0.05	14.8	0.119	0.26	1.8
E844257		2.3	161.0	<0.002	0.05	0.56	8.0	2	1.2	66.1	0.45	0.07	12.1	0.123	0.28	2.3
E844258		2.5	199.5	<0.002	0.22	0.45	13.5	8	2.4	150.5	0.46	0.85	15.8	0.148	0.24	9.5
E844259		2.3	276.0	<0.002	0.36	0.34	13.7	3	2.8	139.0	0.52	0.31	15.0	0.199	0.19	3.3
E844260		1.6	266.0	0.002	0.72	0.29	14.9	2	3.4	134.5	0.62	0.12	14.6	0.210	0.15	1.8
E844261		2.6	240.0	<0.002	0.17	0.48	12.1	3	1.8	162.0	0.52	0.53	15.4	0.173	0.16	4.4
E844262		2.7	210.0	<0.002	0.77	0.33	12.4	3	2.2	169.0	0.42	1.50	13.8	0.151	0.14	5.2
E844263		1.5	163.0	<0.002	0.25	0.19	9.9	2	1.6	122.5	0.48	0.23	13.7	0.151	0.10	2.5
E844264		1.4	192.5	<0.002	0.10	0.32	12.4	2	2.3	103.5	0.60	<0.05	14.5	0.198	0.13	1.8
E844265		3.7	221.0	<0.002	0.14	0.32	13.7	2	2.1	108.0	0.69	<0.05	17.5	0.227	0.15	2.7
E844266		3.0	153.0	<0.002	0.08	0.33	12.3	2	1.9	94.1	0.63	<0.05	14.5	0.214	0.14	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844227		38	4.1	13.8	11	53.9		
E844228		36	5.3	13.2	22	51.3	1.355	
E844229		60	10.1	13.3	17	70.4		
E844230		72	11.7	14.2	17	74.5		
E844231		33	4.7	18.4	33	44.5	1.865	
E844232		29	4.8	18.6	36	48.4		
E844233		<1	<0.1	1.7	3	20.3		
E844234		61	4.1	17.3	23	72.6		
E844235		33	5.0	15.6	16	49.9		
E844236		63	4.2	19.5	13	63.6		
E844237		50	4.6	17.2	11	58.6		
E844238		52	4.3	18.1	12	52.4		
E844239		64	4.2	20.2	11	70.8		
E844240		59	4.4	25.9	12	60.9		
E844241		43	4.1	20.8	11	50.7		
E844242		48	3.2	14.5	17	43.4		
E844243		44	4.7	17.6	11	40.1		
E844244		42	4.1	14.6	10	34.9		
E844245		34	4.2	16.6	14	41.7		
E844246		53	4.9	19.5	12	55.8		
E844247		69	4.0	27.0	11	48.6		
E844248		45	3.6	15.7	13	42.5		
E844249		57	3.0	16.9	14	42.0		
E844250		60	3.7	17.1	13	50.1		
E844251		57	3.3	25.0	12	99.8		
E844252		53	4.3	29.8	10	127.0		
E844253		50	3.8	22.1	13	57.0		
E844254		42	4.9	15.1	14	51.6		
E844255		37	5.8	18.2	11	82.2		
E844256		29	4.9	23.9	10	54.9		
E844257		30	4.8	16.7	10	52.9		
E844258		63	7.9	22.5	11	51.6	1.615	
E844259		83	5.8	21.8	11	61.9		
E844260		73	9.6	17.0	9	55.9		
E844261		45	6.1	22.4	5	52.8		
E844262		50	6.3	21.9	2	64.1		
E844263		43	3.2	20.8	2	58.3		
E844264		57	5.3	21.7	3	49.5		
E844265		55	3.2	22.9	4	58.1		
E844266		65	2.9	17.8	6	54.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E844267		7.52	0.005	0.03	7.91	1.0	980	2.04	<0.01	5.62	<0.02	61.30	8.0	43	1.16	59.8
E844268		7.61	0.011	0.05	7.24	2.3	1830	1.75	0.04	7.02	0.03	95.40	23.2	39	1.78	413.0
E844269		6.98	0.005	0.02	8.33	2.8	1800	2.51	0.01	4.06	<0.02	84.50	16.3	48	2.05	28.4
E844270		7.47	<0.005	0.01	7.61	1.7	2470	2.03	0.02	3.62	0.02	20.70	6.4	44	1.51	18.5
E844271		7.25	<0.005	0.03	7.47	1.4	1120	2.38	0.01	4.25	<0.02	96.40	12.5	45	1.70	45.8
E844272		7.20	<0.005	0.03	7.37	1.8	1320	2.60	0.01	3.68	<0.02	77.90	11.2	45	1.99	24.2
E844273		0.06	0.982	39.80	4.54	1155.0	510	0.60	35.40	6.64	<0.02	28.70	46.9	277	1.34	4700.0
E844274		7.95	0.008	0.06	7.06	1.7	1560	2.51	0.06	6.82	<0.02	209.00	8.6	39	1.42	174.5
E844275		0.06	0.012	0.03	0.05	0.4	10	<0.05	<0.01	0.01	0.02	3.03	0.1	2	<0.05	2.0
E844276		7.25	<0.005	0.03	7.28	1.5	2170	1.91	0.02	6.48	0.02	334.00	6.0	39	1.50	8.8
E844277		2.62	0.005	0.04	7.10	1.9	1570	1.75	0.04	7.17	<0.02	79.80	13.0	34	1.15	76.6
E844278		7.36	<0.005	0.04	6.74	3.4	640	1.64	0.09	8.28	<0.02	119.00	19.7	31	3.33	12.2
E844279		4.88	<0.005	0.04	7.81	13.9	700	1.85	1.21	7.12	<0.02	110.50	42.8	36	4.27	17.8
E844280		8.41	0.006	0.03	7.89	26.7	690	1.98	3.32	5.44	<0.02	79.90	79.9	40	3.35	27.6
E844281		4.10	<0.005	<0.01	6.98	28.5	520	1.86	1.59	5.64	<0.02	72.90	101.0	31	3.45	25.7
E844282		3.26	<0.005	<0.01	6.75	29.0	480	1.81	1.91	7.08	<0.02	104.00	101.0	29	3.33	29.3
E844283		7.48	<0.005	<0.01	7.25	4.8	440	2.14	0.36	5.92	0.12	89.60	33.5	33	3.34	19.9
E844284		7.64	<0.005	<0.01	7.03	5.0	490	2.17	0.31	5.88	0.02	88.70	21.4	31	3.50	10.2
E844285		7.79	<0.005	<0.01	6.63	8.6	370	1.92	1.30	8.07	<0.02	86.60	31.0	28	2.47	13.2
E844286		7.72	<0.005	<0.01	6.97	11.4	450	1.97	0.59	5.34	0.09	96.70	23.5	33	2.43	55.0
E844287		3.66	0.007	<0.01	6.62	2.7	680	1.80	0.25	5.02	0.02	88.20	35.5	33	1.49	261.0
E844288		4.21	0.077	0.02	6.74	1.8	660	2.19	0.14	4.62	<0.02	86.10	32.6	39	1.46	1810.0
E844289		6.81	0.113	0.04	6.67	1.5	640	2.51	0.18	4.97	0.03	116.00	14.3	36	1.47	4250.0
E839901		1.25	0.018	0.29	7.84	3.4	120	1.35	1.86	0.27	0.08	40.00	6.8	45	0.60	107.0
E839902		0.74	0.068	0.85	8.03	3.7	120	1.11	8.47	0.28	0.08	43.10	15.2	43	0.62	731.0
E839903		0.52	0.007	0.01	7.14	1.3	1240	1.31	0.08	0.52	<0.02	62.90	12.0	34	1.40	5.9
E839904		0.46	0.050	0.03	7.21	1.6	1090	9.16	0.13	0.34	0.02	172.00	16.7	39	2.01	12.5
E839905		0.55	0.009	0.07	7.43	3.0	90	1.59	0.06	2.41	<0.02	24.30	7.1	50	0.86	62.9
E846001		0.62	<0.005	0.14	8.14	20.1	680	3.24	0.29	0.13	0.15	74.50	6.0	77	18.00	26.5
E846002		0.73	<0.005	0.10	7.51	3.7	500	1.59	0.51	0.08	0.10	75.30	8.4	53	11.50	40.1
E846003		0.76	<0.005	0.09	8.56	1.0	470	2.14	0.45	0.18	0.15	99.90	4.7	56	13.25	26.7
E839751		1.30	<0.005	<0.01	7.06	11.1	1250	1.06	0.36	3.47	<0.02	86.80	54.3	50	6.30	4.1
E839752		0.31	<0.005	<0.01	9.08	21.0	430	4.00	0.87	0.05	<0.02	106.00	13.9	61	5.49	118.5
E839753		0.67	0.006	0.01	7.69	4.8	30	1.86	0.09	0.07	<0.02	196.50	8.0	7	2.48	14.0
E839754		0.77	0.067	1.08	5.09	92.5	10	0.21	12.15	0.24	0.02	27.40	155.0	28	0.19	815.0
E839755		0.31	<0.005	0.79	8.30	101.0	90	1.87	0.42	0.24	<0.02	44.80	48.1	55	2.19	3160.0
E839756		0.67	<0.005	0.01	7.67	6.7	150	2.06	0.16	0.15	<0.02	115.50	7.9	63	3.39	16.5
E839757		0.60	<0.005	<0.01	9.16	5.9	360	2.76	0.11	0.10	0.58	43.10	14.4	63	4.81	85.5
E839758		0.68	0.332	1.19	5.66	370.0	310	2.93	3.38	4.39	<0.02	82.50	500.0	45	1.39	3710.0
E839759		1.34	0.048	3.06	4.31	95.1	570	3.17	20.90	0.03	0.02	55.00	8.1	60	1.71	439.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E844267		1.81	21.90	0.13	1.6	0.013	3.46	33.8	11.2	0.82	659	0.33	3.37	7.4	22.1	940
E844268		4.82	20.40	0.17	1.7	0.017	4.59	49.0	13.4	0.92	1040	0.59	1.52	8.1	22.2	850
E844269		3.03	24.90	0.17	1.8	0.014	5.57	47.2	13.8	0.81	602	0.16	1.93	7.3	26.5	940
E844270		1.12	19.45	0.10	1.7	0.007	6.21	10.6	7.4	0.56	419	0.07	1.47	8.8	17.2	910
E844271		2.77	20.80	0.17	1.8	0.024	4.42	50.1	10.5	0.60	599	0.14	2.40	7.3	20.4	770
E844272		2.72	21.40	0.15	1.8	0.031	4.39	41.2	11.0	0.56	550	0.11	2.15	8.6	20.9	790
E844273		4.39	14.30	0.37	0.8	0.233	1.44	20.2	14.6	0.84	1820	718.00	0.66	2.0	23.7	580
E844274		2.23	21.00	0.22	1.7	0.019	4.75	117.0	10.2	0.61	909	1.47	2.07	8.7	19.3	780
E844275		0.02	0.21	0.06	0.9	<0.005	0.01	1.7	2.1	<0.01	<5	0.47	0.01	0.2	0.4	10
E844276		1.25	22.40	0.28	1.6	0.012	6.28	190.5	8.4	0.57	1050	0.30	1.30	8.3	18.4	840
E844277		3.04	18.55	0.15	1.8	0.023	4.70	45.8	10.3	0.60	1900	0.21	1.71	9.1	14.2	860
E844278		4.85	18.05	0.18	1.7	0.120	3.08	55.3	15.4	0.96	8500	0.41	0.15	10.8	18.6	810
E844279		5.34	21.30	0.19	2.2	0.137	3.52	51.1	17.5	1.14	10500	1.77	0.07	12.6	25.7	890
E844280		5.07	21.80	0.15	2.5	0.169	3.75	40.7	18.9	1.07	7770	1.42	0.06	14.0	30.8	730
E844281		4.23	19.75	0.17	2.1	0.153	3.43	31.6	17.7	0.88	6740	1.32	0.06	12.1	26.5	630
E844282		4.56	18.85	0.17	1.9	0.151	3.13	46.0	18.5	0.98	8030	1.50	0.06	11.4	27.3	720
E844283		4.51	20.50	0.16	1.8	0.127	3.31	42.0	23.1	1.01	5660	1.72	0.06	12.8	23.2	710
E844284		3.97	19.90	0.17	1.9	0.110	3.52	39.5	22.4	0.89	5450	0.59	0.07	12.6	21.9	710
E844285		4.12	18.35	0.17	1.7	0.092	3.21	38.9	17.9	0.94	5990	1.05	0.20	11.2	25.5	770
E844286		4.50	19.55	0.15	1.7	0.090	3.29	43.3	19.6	1.18	4950	0.55	0.41	12.2	24.9	750
E844287		3.97	18.20	0.15	1.5	0.021	3.02	40.3	16.1	1.15	1580	1.72	1.92	9.7	25.1	720
E844288		3.35	20.20	0.14	1.7	0.031	3.31	40.7	19.4	1.15	914	0.85	2.14	6.0	33.0	730
E844289		2.11	18.15	0.15	1.7	0.045	3.79	62.4	19.4	1.06	669	4.68	2.08	5.1	29.1	810
E839901		1.34	16.60	0.10	2.4	0.015	0.19	14.1	13.0	0.10	220	5.58	7.22	8.1	14.7	310
E839902		2.02	15.30	0.12	1.8	0.010	0.08	17.5	21.5	0.22	497	20.70	7.11	7.1	13.9	350
E839903		8.30	13.50	0.16	0.8	0.029	6.05	73.9	25.8	1.81	364	0.32	1.32	1.9	26.2	20
E839904		8.93	20.30	0.22	0.8	0.046	4.67	194.5	33.5	2.43	466	0.31	1.83	3.3	39.7	140
E839905		5.85	20.80	0.09	1.2	0.012	0.67	11.6	11.1	0.87	463	0.40	6.03	5.8	32.6	690
E846001		3.01	28.80	0.13	2.5	0.082	3.05	31.2	53.9	0.61	215	1.03	0.53	19.5	14.5	400
E846002		3.43	22.00	0.13	2.3	0.052	1.92	45.9	45.2	0.81	245	0.69	0.53	11.1	19.2	220
E846003		3.56	24.10	0.14	2.0	0.052	2.05	49.2	69.9	0.66	492	0.83	1.33	12.3	13.0	570
E839751		5.32	20.60	0.15	1.8	0.167	3.79	42.7	6.7	0.49	4740	0.52	0.05	11.5	25.8	610
E839752		3.54	27.50	0.15	3.7	0.154	3.97	46.5	15.5	0.58	1470	1.25	0.45	17.3	38.7	220
E839753		1.28	29.10	0.13	0.8	<0.005	0.98	99.7	27.7	1.62	59	25.60	4.52	17.6	4.8	170
E839754		6.43	10.70	0.13	0.9	0.038	0.07	15.7	3.7	0.04	83	244.00	4.02	9.8	100.5	660
E839755		0.90	23.60	0.07	2.6	0.172	1.92	20.6	17.5	0.40	215	4.03	4.41	9.6	24.9	850
E839756		0.33	19.35	0.11	3.8	0.030	2.07	47.6	26.1	1.03	25	1.38	3.01	14.5	5.9	570
E839757		0.80	29.00	0.09	3.5	0.085	3.95	18.1	13.9	0.54	145	0.81	0.73	14.6	27.7	360
E839758		7.84	14.90	0.16	2.3	0.155	2.71	38.3	13.0	2.01	4470	5.13	0.10	4.7	72.5	480
E839759		1.82	14.95	0.07	3.6	0.079	2.22	41.0	48.5	0.22	73	125.50	0.04	8.6	5.2	600

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E844267		2.2	140.0	<0.002	0.21	0.32	13.1	2	2.2	108.5	0.61	<0.05	15.7	0.201	0.12	2.1
E844268		5.1	225.0	<0.002	0.10	0.35	11.9	2	2.3	116.0	0.63	0.06	14.6	0.228	0.23	2.4
E844269		3.9	260.0	<0.002	0.18	0.40	13.5	2	1.9	107.5	0.56	<0.05	17.2	0.185	0.24	3.3
E844270		3.5	198.0	<0.002	0.42	0.47	10.6	2	1.7	131.5	0.62	<0.05	11.3	0.194	0.21	2.7
E844271		4.1	198.0	<0.002	0.11	0.32	12.1	1	1.5	97.1	0.57	<0.05	16.4	0.192	0.18	2.8
E844272		5.7	210.0	<0.002	0.21	0.34	12.4	2	1.8	114.0	0.70	<0.05	14.3	0.223	0.22	2.7
E844273		75.5	43.8	0.070	0.74	94.10	7.6	5	3.6	287.0	0.12	3.61	1.8	0.120	0.20	2.9
E844274		3.0	209.0	<0.002	0.17	0.57	11.6	2	1.8	123.0	0.66	<0.05	15.5	0.207	0.20	2.7
E844275		0.9	0.7	<0.002	0.01	0.05	0.2	1	<0.2	2.5	<0.05	<0.05	0.4	0.005	<0.02	0.2
E844276		2.3	268.0	<0.002	0.24	0.63	12.4	2	2.3	119.0	0.65	<0.05	17.6	0.203	0.30	1.8
E844277		3.1	235.0	<0.002	0.05	0.65	11.3	2	2.0	109.5	0.71	<0.05	14.7	0.226	0.26	2.1
E844278		2.1	245.0	<0.002	0.05	0.54	11.2	2	2.4	81.9	0.84	<0.05	14.3	0.265	0.35	2.9
E844279		2.6	255.0	<0.002	0.49	0.72	12.6	2	2.7	71.5	0.96	0.06	15.7	0.313	0.51	7.0
E844280		2.2	232.0	0.002	0.72	0.83	12.7	2	2.7	63.4	1.03	0.05	16.1	0.341	0.55	3.6
E844281		3.1	220.0	<0.002	0.61	0.83	10.1	1	2.5	58.9	0.88	0.07	12.5	0.299	0.51	4.4
E844282		3.1	204.0	<0.002	0.67	0.81	9.7	1	2.4	65.2	0.81	0.07	12.3	0.290	0.48	7.0
E844283		2.7	210.0	0.002	0.41	0.69	10.4	1	2.7	47.3	0.93	0.07	14.1	0.340	0.37	6.2
E844284		3.1	242.0	<0.002	0.31	0.59	10.0	1	2.6	53.3	0.95	0.05	14.4	0.322	0.44	3.2
E844285		4.2	215.0	<0.002	0.69	0.60	9.6	1	2.4	80.4	0.83	<0.05	13.2	0.315	0.39	3.8
E844286		5.9	208.0	<0.002	0.37	0.44	10.4	1	2.7	98.5	0.92	0.06	14.7	0.352	0.33	3.5
E844287		4.2	163.5	<0.002	0.47	0.22	9.8	1	2.0	83.2	0.75	0.07	13.6	0.308	0.21	3.2
E844288		2.9	164.5	<0.002	0.47	0.30	10.8	1	1.9	75.4	0.49	0.20	14.0	0.247	0.19	2.7
E844289		3.5	187.5	<0.002	0.62	0.36	10.4	4	1.7	78.3	0.42	0.37	13.0	0.179	0.20	3.1
E839901		100.0	12.0	<0.002	0.01	3.62	3.5	2	1.0	99.5	0.56	<0.05	108.0	0.236	0.13	1010.0
E839902		19.0	4.4	0.002	0.04	15.15	1.1	2	0.6	100.5	0.52	0.45	10.3	0.164	0.10	25.8
E839903		29.9	175.0	<0.002	0.01	0.67	17.0	2	0.7	49.8	0.14	0.05	10.2	0.246	0.42	173.5
E839904		41.5	131.5	<0.002	0.01	0.74	30.8	3	1.4	69.2	0.26	0.09	9.2	0.453	0.37	163.0
E839905		8.9	20.6	<0.002	<0.01	0.38	10.8	1	1.5	18.4	0.48	0.06	15.3	0.199	0.09	75.7
E846001		43.9	179.5	<0.002	0.03	0.82	13.2	1	3.8	108.0	1.55	0.06	11.5	0.364	1.21	5.6
E846002		20.7	152.5	<0.002	0.02	0.60	11.9	1	2.5	89.1	0.79	<0.05	14.2	0.256	0.79	3.3
E846003		15.3	162.5	<0.002	0.03	1.20	14.0	1	2.8	118.5	0.84	<0.05	13.5	0.256	0.85	3.1
E839751		1.7	209.0	<0.002	1.05	0.62	9.3	1	5.7	21.7	0.77	0.09	11.9	0.199	0.96	3.1
E839752		3.0	238.0	<0.002	0.06	1.46	14.3	1	3.8	18.0	1.19	0.05	17.2	0.345	0.90	4.1
E839753		0.7	37.5	0.009	0.15	1.39	3.5	1	2.1	12.7	0.40	<0.05	5.7	0.082	0.13	0.9
E839754		33.7	3.5	0.019	6.82	14.80	0.6	5	2.3	7.4	0.34	0.55	5.0	0.099	0.04	6.8
E839755		1.7	119.5	<0.002	0.16	0.79	11.9	1	2.9	13.2	0.66	<0.05	12.7	0.234	0.45	7.8
E839756		1.5	82.5	<0.002	0.02	0.96	7.9	1	1.4	19.3	1.04	<0.05	13.5	0.343	0.24	6.5
E839757		9.4	217.0	<0.002	0.02	1.88	16.1	1	3.6	15.8	1.04	<0.05	16.5	0.321	0.64	13.1
E839758		2.2	132.0	0.002	3.44	0.94	8.5	2	4.6	17.9	0.30	0.41	9.8	0.154	0.61	5.5
E839759		504.0	103.0	0.046	0.36	42.90	2.8	2	2.8	12.6	0.51	0.14	13.7	0.212	0.82	3540.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E844267		62	5.6	21.3	6	54.2		
E844268		55	4.4	21.3	24	56.4		
E844269		60	4.5	21.0	14	62.3		
E844270		51	6.2	14.9	6	54.3		
E844271		61	3.0	19.1	6	60.5		
E844272		58	3.5	17.1	9	61.1		
E844273		60	15.2	10.6	117	22.7		
E844274		52	5.9	22.2	7	57.8		
E844275		<1	0.1	1.9	3	26.4		
E844276		54	10.5	24.4	6	49.1		
E844277		47	3.2	27.3	9	60.2		
E844278		53	2.2	26.5	13	55.0		
E844279		62	2.3	23.6	19	74.6		
E844280		63	2.4	23.0	16	81.1		
E844281		58	2.7	23.8	11	73.9		
E844282		57	2.3	23.4	12	68.0		
E844283		61	2.4	21.3	64	65.5		
E844284		57	2.3	19.0	12	63.5		
E844285		57	1.7	20.8	10	62.1		
E844286		61	1.8	21.3	19	57.4		
E844287		57	0.7	19.4	8	51.9		
E844288		60	1.4	20.5	9	55.0		
E844289		57	3.1	15.4	6	57.6		
E839901		32	7.2	43.4	20	78.9		0.12
E839902		23	5.7	12.2	42	61.0		
E839903		207	2.5	54.6	34	21.7		
E839904		232	2.9	142.5	45	22.1		
E839905		96	1.5	15.6	24	40.9		
E846001		88	1.8	15.8	104	78.8		
E846002		57	1.4	11.1	109	73.2		
E846003		63	1.3	22.0	71	65.6		
E839751		66	5.7	9.1	4	61.6		
E839752		75	6.3	13.9	5	115.0		
E839753		33	26.1	2.2	4	24.0		
E839754		38	36.3	3.5	2	28.5		
E839755		92	8.0	11.4	4	82.5		
E839756		82	21.1	13.1	5	119.0		
E839757		93	3.5	13.0	186	116.5		
E839758		51	4.3	14.3	5	84.3		
E839759		42	73.9	16.3	3	227.0		0.40

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E839760	0.99	<0.005	0.01	7.78	2.4	740	2.59	0.15	0.65	<0.02	150.50	2.2	77	3.80	23.6
E839761	1.30	0.007	0.02	6.41	6.5	760	0.49	0.27	3.99	<0.02	88.10	9.7	44	1.38	163.5
E839762	1.00	<0.005	0.02	5.47	2.9	130	0.79	0.07	7.08	<0.02	30.60	5.6	18	0.88	10.5
E839703	1.29	0.033	0.13	5.30	16.0	2590	0.49	0.50	3.66	<0.02	53.80	37.5	47	0.76	1670.0
E846057	0.49	<0.005	<0.01	10.85	2.3	400	2.58	0.07	0.12	0.13	152.00	3.0	94	5.03	19.0
E846058	0.91	0.418	1.55	3.12	9.8	690	1.04	3.79	0.69	0.66	51.90	19.0	68	1.28	>10000
E846059	0.53	0.005	0.15	6.75	67.5	40	1.78	1.60	0.14	0.02	25.50	6.0	35	0.26	178.0
E846060	1.02	0.042	0.30	6.32	41.9	220	1.36	1.76	5.10	<0.02	45.20	111.5	42	1.42	935.0
E846061	1.15	0.111	1.40	0.49	93.4	30	0.09	29.40	0.07	0.02	73.30	141.0	73	0.14	38.6
E846062	0.48	<0.005	<0.01	6.55	3.4	60	0.61	0.34	2.73	<0.02	43.10	12.9	43	0.14	8.7
E846063	0.76	0.005	0.79	4.75	76.0	290	2.19	1.23	0.19	0.05	71.50	3.7	41	3.69	31.2
E846064	0.87	<0.005	0.11	2.23	58.1	30	0.48	2.09	0.28	0.02	7.17	30.9	63	0.45	45.7
E846065	1.20	0.274	2.57	6.83	37.1	300	4.05	5.85	3.12	0.02	>500	14.3	51	1.59	8.5
E846066	1.05	0.125	0.87	0.19	218.0	20	0.09	6.10	0.68	<0.02	75.00	1015.0	18	0.27	46.6
E846067	1.65	0.014	0.18	0.08	21.2	10	0.07	0.99	1.04	<0.02	354.00	106.0	<1	0.11	5.2
E846068	1.26	0.106	0.58	0.06	154.0	10	<0.05	6.71	3.43	0.02	196.50	1430.0	7	0.23	48.4
E846069	1.23	0.083	0.34	0.13	229.0	10	0.10	2.30	6.45	<0.02	62.80	678.0	<1	0.29	36.4
E846070	0.43	0.007	0.84	5.37	13.1	40	1.33	4.15	0.33	0.08	118.00	54.4	23	0.37	28.1
E839861	0.60	0.064	2.38	4.62	9.1	80	1.50	1.48	8.72	<0.02	117.50	31.5	173	0.32	34.6
E839862	0.84	0.064	4.87	2.26	38.2	190	0.81	2.91	0.12	0.02	83.90	97.1	80	0.41	81.1
E839863	0.85	0.063	4.61	3.58	204.0	590	2.08	17.25	0.06	<0.02	25.20	47.5	52	0.99	846.0
E839864	0.66	0.013	0.86	4.40	24.5	500	2.51	6.36	0.04	<0.02	31.50	17.7	44	1.06	254.0
E839865	1.15	0.023	1.45	3.58	45.1	500	2.04	10.40	0.02	<0.02	28.40	9.5	52	0.97	121.5
E839866	1.12	0.067	3.06	2.79	123.5	1110	1.13	17.95	0.01	<0.02	45.40	48.4	45	0.64	40.7
E839867	0.88	0.076	2.59	3.19	59.2	600	1.31	21.50	0.02	<0.02	19.65	12.1	51	0.69	189.5
E839868	1.01	0.048	3.47	3.60	75.8	620	1.94	14.65	0.01	<0.02	26.10	9.4	58	1.01	612.0
E839869	0.79	0.207	7.83	3.68	70.9	810	1.88	45.80	0.04	<0.02	30.50	17.2	55	1.12	361.0
E839870	1.02	0.038	1.81	3.52	39.7	950	2.30	10.95	0.04	<0.02	28.50	8.1	45	1.45	237.0
E839871	1.07	0.046	2.59	3.52	72.0	770	2.02	21.30	0.02	<0.02	28.20	27.3	52	1.17	548.0
E839872	1.19	0.028	1.41	4.61	53.6	450	1.75	9.00	0.01	<0.02	30.70	9.7	46	0.97	260.0
E839873	1.14	0.057	2.73	3.65	176.5	550	1.62	17.45	0.01	<0.02	26.60	82.9	58	0.77	308.0
E839874	1.29	0.078	3.83	4.09	46.6	530	2.00	11.65	0.01	<0.02	15.15	12.5	49	0.88	224.0
E839875	0.86	0.120	3.79	3.77	82.5	920	2.03	19.10	0.01	<0.02	25.20	29.1	45	0.84	177.5
E839876	1.19	0.019	1.53	4.76	48.7	610	2.31	9.63	0.01	<0.02	18.85	26.4	43	0.97	367.0
E839877	1.38	0.021	1.91	4.74	59.3	640	2.37	10.90	0.01	<0.02	22.50	21.1	50	1.01	339.0
E839893	0.93	0.039	2.50	7.91	9.6	290	0.56	1.03	1.07	<0.02	51.00	3.9	50	0.93	283.0
E839894	1.03	0.021	0.37	3.82	11.7	270	1.39	1.99	0.03	<0.02	32.20	6.5	48	0.89	69.3
E839895	1.05	0.026	1.68	3.44	49.3	540	1.98	16.80	0.01	<0.02	32.20	4.6	44	0.98	176.5
E839896	0.89	0.038	2.28	3.21	73.7	400	1.39	20.30	0.01	<0.02	27.60	51.3	46	0.69	298.0
E839897	0.95	0.040	2.13	3.66	52.1	600	1.61	18.75	0.01	<0.02	26.70	21.9	55	0.87	205.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
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CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E839760		1.20	23.50	0.15	2.8	0.117	3.50	66.4	3.1	0.31	837	1.02	0.20	15.6	9.8	490
E839761		6.93	16.65	0.16	2.0	0.063	3.25	44.2	14.9	2.01	3600	2.67	2.21	8.9	16.7	770
E839762		2.52	12.20	0.06	1.5	0.067	0.87	14.4	6.9	3.22	4800	1.88	3.14	3.3	9.5	480
E839703		4.17	7.68	0.14	1.6	0.080	6.42	25.8	6.1	1.22	6290	8.09	0.19	5.7	20.2	540
E846057		3.10	34.00	0.17	3.4	0.064	5.50	66.5	4.9	0.24	106	0.56	0.21	6.8	20.8	480
E846058		3.81	8.89	0.24	0.6	0.465	1.38	22.3	3.8	0.26	1380	1.52	0.08	4.9	35.8	1520
E846059		1.94	15.65	0.05	3.3	0.009	0.18	18.9	1.5	0.04	71	1.48	6.47	7.8	4.3	190
E846060		3.32	14.00	0.09	1.5	0.188	1.67	19.5	9.2	1.83	5340	16.65	2.18	8.4	84.3	280
E846061		5.25	2.24	0.12	0.4	0.012	0.02	32.9	20.4	0.60	94	204.00	0.04	1.0	24.2	90
E846062		2.17	17.60	0.06	2.4	0.026	0.16	19.8	2.1	0.87	4160	2.47	6.82	9.5	10.3	790
E846063		2.02	12.60	0.09	2.7	0.050	3.34	32.8	57.6	0.52	96	8.35	0.07	4.4	6.0	910
E846064		2.20	5.59	0.05	1.6	0.014	0.25	3.2	3.8	0.15	425	2.14	1.32	2.7	15.6	90
E846065		3.53	31.90	0.55	2.5	0.157	1.59	840.0	30.3	1.28	3610	199.00	2.56	12.1	33.5	810
E846066		26.20	1.41	0.32	0.2	0.380	0.04	45.1	1.2	1.40	7010	43.50	0.04	15.3	138.0	3100
E846067		>50	10.85	2.46	<0.1	0.066	0.01	202.0	0.6	0.24	1860	36.10	0.01	17.5	102.0	1710
E846068		34.20	5.23	0.44	0.1	0.041	0.02	118.5	0.8	1.53	4980	39.80	0.02	4.3	203.0	2580
E846069		26.10	1.91	0.31	<0.1	0.093	0.01	36.4	2.1	5.16	14950	40.30	0.05	5.9	100.0	1290
E846070		3.32	6.77	0.14	0.2	0.264	0.06	73.2	25.5	0.14	470	3.18	4.14	1.6	9.8	430
E839861		3.92	13.05	0.17	50.2	0.068	0.22	44.0	4.7	2.49	4750	88.50	3.37	54.6	10.3	2990
E839862		2.28	7.61	0.08	2.7	0.028	0.42	48.7	5.2	0.08	96	616.00	1.20	6.7	18.1	400
E839863		1.30	12.00	0.07	2.4	0.055	1.82	16.5	31.7	0.18	54	118.00	0.04	7.4	32.0	470
E839864		0.49	13.65	0.10	2.3	0.053	2.09	11.9	29.7	0.20	35	21.70	0.04	7.9	9.9	420
E839865		0.76	10.65	0.08	2.4	0.044	1.76	16.4	26.5	0.16	28	35.70	0.04	6.4	6.0	360
E839866		0.95	9.38	<0.05	1.6	0.030	1.34	32.1	8.7	0.13	23	278.00	0.03	5.7	23.7	180
E839867		0.66	9.05	<0.05	2.3	0.043	1.49	10.8	18.7	0.13	28	111.50	0.04	5.0	9.5	310
E839868		1.00	11.45	<0.05	2.3	0.058	1.75	20.5	26.9	0.16	26	97.60	0.03	6.8	10.3	520
E839869		0.87	11.10	<0.05	2.5	0.062	1.75	17.0	28.8	0.16	49	357.00	0.04	6.6	8.0	420
E839870		0.87	10.80	<0.05	2.2	0.090	1.60	17.4	31.1	0.20	44	81.20	0.03	6.0	8.8	360
E839871		0.72	10.60	<0.05	2.8	0.063	1.65	12.2	28.3	0.15	51	88.30	0.03	6.3	16.5	360
E839872		0.55	13.10	<0.05	2.0	0.034	2.12	27.3	15.9	0.19	21	72.90	0.05	6.6	4.8	410
E839873		1.21	10.70	<0.05	2.8	0.061	1.69	13.8	20.1	0.15	27	66.50	0.04	6.1	79.3	270
E839874		0.57	14.70	<0.05	2.0	0.046	1.95	12.1	21.0	0.23	25	196.50	0.04	5.3	6.6	400
E839875		0.73	11.40	<0.05	1.9	0.055	1.77	11.6	28.0	0.17	22	185.50	0.04	7.4	14.1	360
E839876		0.56	16.15	<0.05	2.7	0.056	2.23	8.9	28.3	0.23	18	84.00	0.04	7.4	9.7	410
E839877		0.63	16.50	<0.05	3.0	0.062	2.26	15.5	30.2	0.23	18	65.20	0.04	8.4	8.7	400
E839893		1.19	21.00	0.11	7.9	0.036	0.18	17.6	23.8	0.42	893	49.70	6.49	46.9	6.5	1680
E839894		0.47	10.90	<0.05	1.7	0.036	1.72	20.8	8.4	0.17	35	43.30	0.07	7.8	3.5	420
E839895		0.70	9.69	<0.05	2.4	0.049	1.59	21.9	30.9	0.14	17	66.90	0.03	6.3	4.3	420
E839896		0.74	9.31	<0.05	2.1	0.050	1.46	17.5	16.5	0.14	21	61.90	0.03	5.5	20.0	350
E839897		0.64	10.25	<0.05	2.4	0.054	1.69	12.3	21.3	0.14	16	79.10	0.03	6.0	12.6	300

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E839760		4.5	259.0	<0.002	0.01	1.78	13.7	1	3.4	41.1	1.12	<0.05	21.8	0.381	0.93	17.3
E839761		2.8	104.0	<0.002	0.03	1.05	9.1	1	3.5	26.7	0.59	0.13	16.5	0.229	0.20	12.5
E839762		5.9	42.5	<0.002	0.01	1.88	4.6	1	1.7	24.9	0.26	<0.05	56.1	0.093	0.15	270.0
E839703		1.8	201.0	<0.002	0.24	1.36	7.8	2	1.3	52.7	0.45	0.16	10.7	0.128	0.67	5.9
E846057		2.7	324.0	<0.002	0.01	1.45	24.0	1	5.1	21.0	0.55	<0.05	18.5	0.323	0.64	4.8
E846058		3.6	90.8	<0.002	1.84	1.77	7.4	38	2.5	16.0	0.26	3.61	11.9	0.080	0.21	4.5
E846059		5.6	7.7	<0.002	0.22	0.78	2.5	1	0.4	25.0	0.49	0.18	8.7	0.157	0.04	3.1
E846060		3.6	93.4	<0.002	0.57	2.26	11.2	1	1.1	39.0	0.59	0.11	9.4	0.229	0.30	2.3
E846061		41.0	1.0	<0.002	3.84	2.90	0.3	2	0.2	2.3	0.06	0.51	1.4	0.014	16.00	3.0
E846062		2.2	3.0	<0.002	0.04	2.22	2.1	1	3.9	41.9	0.76	<0.05	7.2	0.211	0.14	5.8
E846063		29.8	141.0	<0.002	0.06	6.36	6.4	2	1.5	14.6	0.26	0.28	9.2	0.122	0.82	5.7
E846064		4.9	16.0	<0.002	1.18	1.17	1.3	1	0.5	11.2	0.17	0.07	6.5	0.051	0.10	3.3
E846065		91.8	102.0	0.251	0.09	8.35	14.5	4	39.0	49.2	0.87	3.18	26.5	0.242	7.11	1470.0
E846066		8.5	2.7	0.019	>10.0	1.21	1.0	11	1.9	10.5	0.07	7.20	0.9	0.014	0.56	14.1
E846067		4.5	0.6	0.003	1.34	1.60	0.1	4	3.2	11.1	<0.05	0.66	<0.2	0.005	0.16	11.8
E846068		11.5	1.4	0.008	>10.0	0.83	1.1	12	0.9	33.0	<0.05	4.68	1.5	0.005	0.47	7.8
E846069		6.4	1.3	0.024	>10.0	0.47	3.0	12	0.6	47.8	0.06	3.23	0.3	<0.005	0.25	4.3
E846070		62.5	3.3	<0.002	0.81	2.25	0.7	3	0.9	57.1	0.10	0.40	8.3	0.035	0.07	1.9
E839861		51.5	11.4	0.009	0.10	22.20	21.1	4	35.6	58.5	2.40	0.58	362.0	1.595	0.37	700.0
E839862		79.2	22.3	0.539	1.58	10.80	5.6	4	6.3	13.5	0.40	1.56	48.4	0.162	0.80	810.0
E839863		194.0	86.8	0.211	0.62	12.55	2.7	2	3.3	11.7	0.45	0.24	11.7	0.178	0.77	2890.0
E839864		96.3	99.1	0.067	0.16	9.67	3.1	2	3.9	9.3	0.55	0.06	8.6	0.209	0.63	3260.0
E839865		207.0	79.3	0.052	0.17	11.05	3.3	1	3.5	10.0	0.42	0.08	7.9	0.173	0.63	2260.0
E839866		56.3	70.1	0.116	0.48	5.54	1.7	2	2.2	11.3	0.38	0.07	5.6	0.135	0.69	338.0
E839867		244.0	65.3	0.075	0.15	13.35	3.2	1	2.2	10.1	0.38	0.07	8.7	0.153	0.93	1920.0
E839868		208.0	86.4	0.186	0.46	14.30	3.0	2	3.0	12.8	0.46	0.09	9.3	0.171	0.78	3580.0
E839869		345.0	87.1	0.133	0.26	20.20	4.7	2	3.0	16.3	0.48	0.13	9.9	0.181	1.71	2870.0
E839870		115.5	82.2	0.031	0.07	18.10	3.6	2	4.6	13.4	0.42	0.08	8.3	0.161	0.91	1900.0
E839871		338.0	81.1	0.161	0.31	20.40	4.5	2	2.6	16.0	0.46	0.07	9.5	0.170	1.11	3510.0
E839872		62.4	104.5	0.043	0.14	19.35	2.3	1	2.9	9.2	0.49	<0.05	11.8	0.185	0.65	1850.0
E839873		184.5	81.9	0.256	0.81	20.20	3.7	2	3.1	10.3	0.45	0.08	8.0	0.173	0.75	2150.0
E839874		60.5	102.0	0.104	0.15	7.44	4.8	1	3.7	7.2	0.41	0.11	17.2	0.170	0.82	1930.0
E839875		146.0	86.8	0.342	0.33	12.70	2.7	2	3.5	13.5	0.51	0.09	11.0	0.189	1.30	2210.0
E839876		112.0	113.5	0.634	0.23	9.15	3.8	2	3.0	7.8	0.57	0.18	11.2	0.203	0.82	2770.0
E839877		116.0	114.5	0.417	0.22	12.95	3.5	2	3.0	9.0	0.61	0.14	11.7	0.219	0.76	2310.0
E839893		74.1	9.9	0.008	0.03	10.90	3.9	4	18.9	34.2	1.83	0.26	397.0	0.532	0.95	1400.0
E839894		26.6	82.2	0.044	0.06	3.71	1.8	2	3.0	7.0	0.39	<0.05	14.3	0.148	0.51	740.0
E839895		320.0	75.6	0.041	0.11	17.10	3.6	2	2.8	12.6	0.44	0.08	7.5	0.163	0.78	2580.0
E839896		124.0	71.0	0.116	0.36	9.01	2.7	2	2.5	8.0	0.42	0.08	10.3	0.164	0.87	2180.0
E839897		197.5	79.4	0.096	0.27	12.20	4.2	2	2.6	12.7	0.44	0.06	7.7	0.178	0.97	2420.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E839760		76	2.4	15.4	6	93.0		
E839761		66	7.3	10.4	23	65.3		
E839762		15	4.9	24.6	4	49.5		
E839703		36	4.3	10.2	7	51.8		
E846057		126	5.9	14.2	12	109.5		
E846058		25	1.8	12.4	73	21.5	2.53	
E846059		27	1.9	8.6	9	110.0		
E846060		62	2.3	13.6	9	50.0		
E846061		9	1.0	5.4	7	13.9		
E846062		25	9.1	9.6	3	79.7		
E846063		47	1.0	11.0	67	94.4		
E846064		10	1.0	4.3	10	54.4		
E846065		101	97.6	58.5	6	83.2		0.18
E846066		35	7.3	11.5	5	4.6		
E846067		87	18.7	4.4	<2	<0.5		
E846068		162	1.7	10.4	7	2.1		
E846069		47	1.3	7.3	6	0.8		
E846070		10	0.3	15.5	40	7.2		
E839861		313	150.5	158.0	7	>500		
E839862		68	21.0	23.8	2	103.5		
E839863		27	50.5	16.0	<2	145.0		0.34
E839864		50	47.5	37.1	<2	82.0		0.38
E839865		47	42.1	16.0	<2	119.5		0.25
E839866		24	35.9	8.7	<2	59.8		
E839867		39	35.2	10.0	<2	96.4		0.23
E839868		29	48.3	18.7	<2	136.5		0.41
E839869		86	62.0	19.7	2	127.5		0.32
E839870		46	42.7	14.5	3	115.0		0.23
E839871		41	44.6	28.5	2	156.0		0.39
E839872		44	37.8	7.6	<2	66.1		0.21
E839873		34	37.7	20.4	3	150.5		0.24
E839874		39	43.9	11.2	2	112.0		0.23
E839875		62	54.4	9.8	<2	67.3		0.26
E839876		33	43.1	25.3	<2	154.5		0.32
E839877		31	42.7	18.6	<2	166.0		0.27
E839893		57	100.5	91.2	14	248.0		0.17
E839894		44	23.8	15.1	<2	54.6		
E839895		47	52.8	15.5	<2	116.0		0.33
E839896		32	40.0	20.8	<2	99.6		0.25
E839897		43	42.1	14.9	<2	112.5		0.27

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E839898		1.50	0.034	1.52	4.33	110.5	470	1.96	16.90	0.01	<0.02	17.90	54.6	55	0.86	198.5
E839899		1.06	0.054	1.99	3.21	201.0	460	1.37	17.30	0.01	<0.02	31.30	34.1	55	0.70	65.8
E839900		1.30	0.126	6.59	4.38	517.0	160	2.47	39.10	0.01	<0.02	36.80	331.0	54	0.91	234.0
E846051		1.32	0.023	1.50	4.25	37.1	550	2.18	14.60	0.02	<0.02	28.60	8.0	44	0.99	189.5
E846052		1.07	0.055	1.77	3.56	101.5	650	1.62	14.05	0.01	<0.02	16.50	19.5	59	0.75	262.0
E846053		1.43	0.047	2.81	4.46	261.0	1260	2.35	22.10	0.01	<0.02	35.00	96.1	54	1.03	276.0
E846054		1.19	0.016	1.11	4.40	36.9	610	2.39	8.79	0.01	<0.02	34.30	11.7	50	1.02	102.5
E846055		1.85	0.013	1.53	4.09	46.2	750	2.00	9.19	0.01	<0.02	22.30	14.0	55	0.91	128.5
E846056		1.60	0.016	1.16	3.42	47.5	510	1.50	8.78	0.01	<0.02	21.60	11.9	52	0.63	81.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E839898		0.81	12.50	<0.05	3.1	0.049	2.00	8.4	20.2	0.16	14	47.80	0.04	7.0	27.9	250
E839899		1.17	9.54	<0.05	2.8	0.045	1.54	23.7	13.3	0.13	17	48.30	0.03	5.2	21.9	280
E839900		1.98	14.60	0.06	2.8	0.066	2.02	20.6	38.9	0.18	17	222.00	0.04	7.8	187.5	400
E846051		0.56	12.20	<0.05	2.0	0.050	1.98	18.6	29.9	0.17	18	39.90	0.03	6.7	5.1	430
E846052		0.78	10.55	<0.05	2.3	0.067	1.68	10.0	23.3	0.15	24	70.60	0.04	5.8	13.8	350
E846053		1.21	14.15	<0.05	3.7	0.075	2.08	20.2	31.7	0.19	21	73.10	0.04	7.8	58.6	440
E846054		0.41	13.65	<0.05	2.7	0.063	1.99	18.5	28.1	0.19	20	41.30	0.04	7.0	7.6	360
E846055		0.47	13.05	<0.05	3.1	0.052	1.93	11.7	24.0	0.17	14	50.60	0.04	7.2	12.1	310
E846056		0.68	9.98	<0.05	2.9	0.035	1.60	13.5	14.1	0.13	13	18.45	0.03	7.4	9.7	270

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E839898		115.0	98.5	0.185	0.40	9.04	4.2	2	3.3	8.0	0.54	0.10	9.4	0.196	0.80	1450.0
E839899		89.1	70.3	0.090	0.46	10.25	2.7	2	2.8	8.7	0.38	0.09	6.8	0.153	0.61	680.0
E839900		339.0	101.0	0.538	1.64	16.80	4.2	3	3.2	33.5	0.59	0.25	9.5	0.209	1.21	3720.0
E846051		249.0	92.7	0.117	0.13	14.10	3.9	2	3.3	12.8	0.47	0.05	10.1	0.180	0.71	3110.0
E846052		164.5	80.8	0.101	0.29	11.85	3.1	2	2.8	10.9	0.44	0.06	8.4	0.167	0.82	1790.0
E846053		287.0	103.5	0.264	0.76	16.40	3.8	3	3.4	16.6	0.58	0.14	12.5	0.217	0.97	3450.0
E846054		116.0	99.6	0.134	0.09	9.94	3.5	2	3.3	11.6	0.50	<0.05	10.2	0.198	0.67	3000.0
E846055		129.5	93.7	0.160	0.16	9.35	3.2	2	2.9	11.6	0.54	<0.05	12.7	0.198	0.68	2000.0
E846056		66.6	76.4	0.045	0.21	6.93	3.0	2	3.1	9.9	0.43	<0.05	6.4	0.166	0.49	1080.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058523

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E839898		45	42.4	17.1	<2	160.0		0.17
E839899		30	31.2	10.1	<2	159.5		
E839900		58	71.3	36.1	<2	130.0		0.43
E846051		58	43.4	18.8	<2	76.1		0.36
E846052		36	37.3	8.9	2	107.0		0.21
E846053		48	54.1	32.4	<2	212.0		0.39
E846054		50	38.7	21.5	<2	153.5		0.34
E846055		43	49.1	27.4	<2	155.5		0.23
E846056		39	31.7	15.3	<2	156.0		0.13

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-JUN-2007
Account: EIAFRG

CERTIFICATE TR07058524

Project: Werneckes

P.O. No.: FRG07-01

This report is for 15 Rock samples submitted to our lab in Terrace, BC, Canada on 9-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058524

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E839878		1.27	0.029	2.87	4.11	69.0	800	2.85	16.25	0.02	<0.02	27.10	5.3	39	1.27	778.0
E839879		1.10	0.053	2.48	3.81	50.2	520	2.42	23.20	0.05	<0.02	71.60	42.5	41	1.20	356.0
E839880		1.60	0.045	2.12	2.65	92.7	800	1.18	15.40	0.02	<0.02	29.10	101.0	31	0.66	54.8
E839881		1.12	0.051	2.75	4.88	20.8	420	1.90	5.15	0.01	<0.02	21.50	1.6	29	0.91	99.3
E839882		1.23	0.076	2.90	3.64	84.2	510	1.62	14.45	0.01	<0.02	23.30	20.7	38	0.86	151.5
E839883		0.97	0.048	3.37	3.91	149.5	570	1.71	22.20	0.01	<0.02	22.80	112.5	43	0.77	211.0
E839884		1.08	0.028	2.06	3.51	51.9	480	2.00	13.15	0.02	<0.02	24.20	25.9	40	0.99	298.0
E839885		0.88	0.067	4.73	4.38	250.0	730	2.43	37.40	0.01	<0.02	21.70	22.7	40	0.95	139.5
E839886		1.26	0.077	4.33	4.59	38.6	770	2.67	45.50	0.01	<0.02	25.10	6.6	42	1.10	246.0
E839887		1.14	0.023	1.45	3.87	36.8	600	2.03	16.95	0.01	<0.02	20.30	6.5	42	0.91	120.0
E839888		1.37	0.026	1.33	3.96	47.7	500	2.19	16.00	0.01	<0.02	23.50	15.9	44	0.95	110.0
E839889		1.02	0.019	1.62	3.45	66.7	990	1.56	7.78	0.01	<0.02	26.60	13.0	36	0.86	142.0
E839890		1.35	0.052	3.13	4.02	31.0	540	1.97	5.45	0.01	<0.02	19.40	6.0	45	0.89	99.1
E839891		1.16	0.015	0.58	2.73	45.2	230	0.94	2.78	0.01	<0.02	22.70	2.4	44	0.69	162.0
E839892		1.16	0.022	2.16	5.21	77.9	760	2.89	13.60	0.01	<0.02	24.00	36.3	49	1.05	150.5

Comments: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 25-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E839878		0.67	14.45	0.10	4.0	0.081	2.05	13.4	43.4	0.18	33	67.10	0.03	7.0	4.7	500
E839879		0.89	11.75	0.11	2.8	0.064	1.84	54.2	29.5	0.19	42	111.50	0.04	6.4	18.5	430
E839880		0.89	9.02	0.07	2.2	0.034	1.30	26.7	10.3	0.12	22	146.00	0.03	5.4	32.8	280
E839881		0.38	13.30	0.07	2.8	0.111	2.17	11.0	22.2	0.19	21	179.50	0.05	8.5	1.6	330
E839882		0.67	11.60	0.06	2.4	0.057	1.80	17.6	16.2	0.15	20	150.00	0.04	6.3	9.8	330
E839883		1.32	11.55	0.07	2.3	0.048	1.93	15.8	17.3	0.15	20	171.50	0.04	6.2	43.5	340
E839884		0.74	10.65	0.07	2.8	0.045	1.76	19.6	25.8	0.15	28	64.80	0.03	7.1	15.4	400
E839885		0.98	13.60	0.07	2.4	0.051	2.10	10.3	33.5	0.20	22	180.00	0.04	6.6	14.6	330
E839886		0.61	14.70	0.07	3.5	0.067	2.21	12.1	38.0	0.20	21	193.50	0.04	7.8	5.3	470
E839887		0.47	12.45	0.08	3.4	0.041	1.81	10.1	28.9	0.15	17	59.50	0.04	6.7	5.2	340
E839888		0.41	12.40	0.08	3.4	0.047	1.84	9.5	25.1	0.16	16	62.90	0.04	6.7	8.9	300
E839889		0.69	10.25	0.07	2.0	0.036	1.69	27.0	20.1	0.16	22	38.40	0.05	4.9	10.8	400
E839890		0.39	11.60	0.08	2.6	0.065	1.85	9.1	25.9	0.16	18	220.00	0.04	6.2	3.9	340
E839891		0.59	7.83	0.06	1.7	0.019	1.31	16.6	6.3	0.12	22	18.10	0.03	4.2	2.0	480
E839892		0.59	17.70	0.10	3.3	0.063	2.39	8.4	42.8	0.23	19	98.50	0.04	8.4	17.9	310

Comments: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 25-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E839878		556.0	89.8	0.156	0.17	38.30	3.5	3	2.9	18.1	0.48	0.13	14.2	0.183	0.83	4660.0
E839879		256.0	79.8	0.064	0.32	13.85	5.1	3	4.4	13.9	0.45	0.10	9.6	0.174	1.13	3560.0
E839880		76.8	57.1	0.116	0.50	7.03	2.2	2	2.5	11.2	0.35	0.07	7.0	0.146	0.73	790.0
E839881		78.4	95.2	0.012	0.03	12.10	2.9	2	3.2	6.8	0.57	0.06	8.0	0.183	0.65	1280.0
E839882		100.5	74.8	0.126	0.20	10.35	3.4	2	3.2	10.9	0.43	0.11	7.4	0.160	0.93	1380.0
E839883		118.0	73.8	0.188	0.77	10.75	3.4	2	2.8	8.3	0.44	0.09	7.4	0.177	0.99	1640.0
E839884		221.0	71.5	0.134	0.25	12.60	4.1	2	2.9	11.6	0.41	0.08	8.2	0.163	0.89	3190.0
E839885		240.0	95.1	0.189	0.20	12.10	3.7	3	3.9	9.6	0.49	0.19	7.1	0.167	1.32	1830.0
E839886		260.0	99.6	0.113	0.11	14.80	5.6	2	4.3	13.2	0.55	0.17	10.6	0.204	1.32	3720.0
E839887		209.0	80.7	0.053	0.08	12.80	3.8	1	3.3	10.8	0.43	0.10	7.4	0.180	0.66	2750.0
E839888		125.0	86.3	0.052	0.08	9.86	4.0	2	3.5	9.1	0.47	0.10	7.6	0.184	0.75	2310.0
E839889		76.8	71.6	0.073	0.22	7.02	2.2	1	2.9	20.5	0.32	0.05	6.0	0.157	0.48	1620.0
E839890		118.0	84.7	0.123	0.07	10.80	3.9	2	3.1	9.6	0.42	0.09	7.1	0.183	1.03	1600.0
E839891		22.7	55.7	0.004	0.07	2.48	2.0	1	2.0	7.5	0.27	0.05	4.0	0.136	0.35	1280.0
E839892		160.0	112.0	0.667	0.20	13.90	4.2	2	4.0	10.5	0.59	0.18	8.9	0.216	1.09	2980.0

Comments: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07058524

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.01
E839878		34	69.4	26.5	2	210.0	0.51
E839879		59	45.6	28.7	3	127.0	0.38
E839880		23	34.0	14.8	2	85.9	
E839881		58	57.0	9.1	2	96.6	0.13
E839882		43	57.0	9.9	<2	92.1	0.15
E839883		47	52.1	8.6	<2	84.8	0.17
E839884		43	39.2	19.7	<2	143.0	0.34
E839885		37	49.1	13.3	4	90.0	0.19
E839886		53	58.0	21.7	<2	171.0	0.40
E839887		46	48.8	17.9	<2	173.5	0.32
E839888		44	40.1	24.3	<2	177.0	0.26
E839889		44	36.5	10.1	<2	81.0	0.18
E839890		41	53.4	15.5	<2	110.5	0.18
E839891		25	16.6	4.3	<2	50.2	0.14
E839892		45	46.1	22.8	<2	141.5	0.32

Comments: Samples with Molybdenum >100ppm will cause a low bias on Cadmium-MS61<1ppm REE's may not be totally soluble in MS61 method.

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Finalized Date: 6-JUL-2007
Account: EIAFRG

CERTIFICATE TR07061032

Project: Werneckes

P.O. No.: FRG07-01

This report is for 45 Rock samples submitted to our lab in Terrace, BC, Canada on 16-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E839906		0.55	0.014		0.14	7.04	2.7	770	1.33	<0.01	0.64	<0.02	183.00	26.3	30	2.71
E839907		0.53	0.007		0.28	7.39	5.1	670	1.02	<0.01	2.04	<0.02	35.90	32.1	30	2.64
E839908		0.63	0.010		0.16	7.95	3.2	380	1.15	<0.01	2.21	<0.02	67.40	21.2	11	1.69
E839909		1.36	0.190		0.20	7.61	5.2	1020	2.00	0.38	2.55	<0.02	106.00	35.9	150	3.37
E839910		1.84	0.025		0.09	7.13	1.8	1110	3.90	<0.01	0.53	<0.02	114.00	24.7	38	3.05
E839911		0.69	0.006		0.04	7.70	1.8	430	0.96	<0.01	0.23	<0.02	104.00	13.3	46	1.35
E839912		0.46	0.018		0.15	7.54	0.9	330	4.96	0.01	0.19	0.02	44.30	10.0	32	1.02
E839913		0.87	<0.005		0.12	2.57	<5	240	0.45	0.19	25.90	0.02	33.70	6.5	14	0.43
E839915		1.54	<0.005		0.10	6.97	3.2	320	1.48	0.07	1.64	0.05	306.00	16.2	9	1.12
E839916		0.67	<0.005		0.10	1.11	0.8	220	0.59	0.03	1.30	0.05	4.21	3.9	20	0.56
E839917		0.68	0.005		0.33	8.82	2.4	150	1.06	0.50	0.18	0.10	21.00	12.2	61	0.65
E839918		0.47	<0.005		0.06	5.55	3.0	140	0.70	0.03	3.10	0.03	15.85	2.3	34	0.39
E839919		0.67	<0.005		0.04	7.67	1.0	450	1.08	0.01	3.86	0.06	379.00	20.3	13	1.19
E839920		0.79	0.020		0.16	2.51	8	90	1.79	3.70	14.85	0.13	46.10	9.1	11	0.95
E839921		0.68	0.018		0.04	7.78	1.1	1610	4.08	0.06	0.09	<0.02	4.28	20.7	15	2.10
E839601		0.59	1.415	2.18	2.54	5.11	10.4	400	0.77	7.48	0.16	<0.02	>500	274.0	52	1.25
E839602		0.51	<0.005		0.18	8.12	0.9	900	2.69	0.05	0.17	0.02	21.30	3.1	65	3.39
E839603		0.63	<0.005		0.06	10.70	0.8	1120	3.18	0.02	0.10	0.02	1.79	3.3	38	8.36
E839951		1.45	<0.005		0.55	1.82	6.5	240	0.45	0.07	2.02	<0.02	>500	48.3	12	9.26
E839952		2.06	0.234		0.15	4.86	7	250	1.06	0.30	11.45	0.03	30.40	12.3	7	1.76
E839953		0.61	0.084		0.23	1.45	6	90	0.54	0.03	19.50	0.03	60.40	10.1	11	0.56
E839954		0.52	1.210	1.13	0.62	2.89	23.6	470	1.01	5.09	4.76	0.13	>500	31.1	1	2.48
E839955		0.98	<0.005		0.08	1.97	5	220	0.99	0.05	12.25	0.02	33.30	17.3	22	6.26
E839956		0.80	0.027		0.11	1.58	5	80	1.15	0.36	20.40	0.05	93.40	11.4	7	2.40
E839957		0.82	0.063		0.08	5.92	1.3	200	5.19	0.44	0.30	0.03	20.50	21.5	11	2.15
E839958		0.99	0.036		0.11	7.15	4.3	30	1.38	0.58	5.96	0.02	28.10	8.2	47	0.63
E839959		0.90	<0.005		0.11	7.12	4.0	20	0.91	0.08	7.14	0.03	95.30	23.3	49	1.11
E839960		0.47	<0.005		0.08	6.55	2.2	30	1.54	0.08	6.76	0.04	85.40	6.1	36	1.30
E839551		0.76	0.046		0.17	5.23	0.9	3600	0.28	0.02	8.75	<0.02	32.20	10.8	32	0.72
E846071		0.62	<0.005		0.18	7.13	0.9	30	1.10	0.02	6.30	0.02	38.50	0.7	3	0.09
E846072		0.64	<0.005		0.07	7.90	1.5	30	2.42	0.06	3.51	0.02	88.40	8.9	9	0.09
E846073		0.84	<0.005		0.26	8.25	38.7	70	2.28	1.36	0.69	0.02	64.60	120.5	40	0.29
E846074		0.62	0.005		0.15	8.33	76.8	70	2.24	0.71	0.06	<0.02	51.90	15.1	61	4.99
E846075		0.93	<0.005		0.13	4.32	16.7	170	1.59	0.04	0.09	<0.02	76.20	9.9	70	1.38
E846076		0.95	0.005		0.46	5.81	480.0	90	0.94	3.76	5.51	0.04	75.40	56.9	31	0.90
E846077		1.03	0.027		0.53	7.87	83.5	40	1.68	4.12	0.32	0.02	111.50	94.2	62	0.32
E846078		1.05	0.013		0.63	9.69	214.0	200	2.96	1.59	0.77	<0.02	132.00	77.7	64	2.59
E846079		0.97	0.254		2.54	8.23	10.1	10	0.66	3.51	0.43	<0.02	29.40	17.9	61	0.24
E846080		0.87	0.050		1.30	3.00	56.7	40	0.60	1.48	8.67	<0.02	490.00	169.5	12	0.78
E846081		0.68	0.104		0.79	1.46	77.8	10	0.15	4.92	3.31	<0.02	385.00	895.0	10	0.28

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 6-JUL-2007
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CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839906		11.5	11.55	22.50	0.27	0.8	0.019	3.12	131.5	44.0	3.13	608	0.20	1.80	2.5	59.7
E839907		13.8	11.70	22.40	0.21	1.1	0.015	1.94	24.5	51.5	3.73	753	0.21	1.72	5.6	66.3
E839908		11.1	11.35	19.70	0.21	1.2	<0.005	1.99	43.7	28.9	2.66	641	0.16	2.95	4.9	38.4
E839909		19.1	6.94	20.80	0.19	2.9	0.033	3.98	111.0	58.3	4.34	938	0.87	0.62	27.6	149.5
E839910		3.9	8.75	22.20	0.22	1.3	0.016	4.29	108.0	50.7	3.58	654	0.21	0.90	4.3	56.9
E839911		5.0	8.16	20.90	0.17	1.0	<0.005	3.33	82.0	24.0	1.86	384	0.28	2.60	1.4	38.8
E839912		7.3	4.76	18.75	0.13	1.0	0.011	3.59	26.6	25.0	1.93	374	0.09	2.82	2.0	36.6
E839913		365.0	0.94	5.34	0.07	0.6	0.051	1.02	16.5	9.7	0.55	2950	0.17	0.86	3.4	0.6
E839915		3.2	11.25	24.00	0.28	2.1	0.053	2.57	299.0	28.9	2.42	729	1.13	2.30	11.6	52.3
E839916		53.8	0.70	3.16	<0.05	0.1	0.007	0.66	2.6	9.2	0.37	725	0.28	0.25	0.6	7.1
E839917		361.0	2.62	16.20	0.09	2.3	0.008	0.08	8.1	31.3	0.28	677	3.51	6.59	6.7	21.7
E839918		21.3	0.67	15.65	0.09	1.0	0.007	0.39	5.0	5.0	0.21	530	0.48	4.78	6.0	4.4
E839919		6.6	2.87	17.95	0.26	1.0	0.046	3.81	200.0	35.0	2.48	815	0.22	2.98	8.3	41.5
E839920		32.1	4.13	11.10	0.10	1.1	0.039	0.04	25.8	26.0	2.65	2570	7.24	0.31	13.8	30.8
E839921		1.0	6.98	19.00	0.16	0.3	0.042	6.09	3.6	43.1	3.89	490	0.21	0.37	2.2	41.6
E839601		>10000	11.05	16.80	0.83	1.0	0.745	4.62	386.0	7.5	0.39	115	14.25	0.39	3.1	60.7
E839602		72.0	3.91	19.90	0.12	2.9	0.052	2.64	9.9	7.3	0.26	71	0.49	1.79	5.0	25.3
E839603		11.6	2.81	22.50	0.09	1.9	0.038	2.49	0.8	11.9	0.38	83	0.20	4.75	6.4	14.0
E839951		10.0	29.30	12.45	0.77	2.6	0.017	1.73	700.0	69.1	2.90	476	12.85	0.04	58.5	25.9
E839952		11.0	2.36	10.80	0.10	0.6	0.058	1.64	11.6	22.5	1.81	1955	0.28	1.33	2.2	23.2
E839953		45.4	3.53	5.01	0.11	0.6	0.063	0.02	31.6	23.5	2.17	3880	0.56	0.02	13.2	12.2
E839954		>10000	19.75	14.00	0.61	2.9	0.571	0.78	460.0	36.9	2.76	426	91.50	0.02	23.9	45.6
E839955		136.5	6.04	7.32	0.10	0.6	0.047	1.61	21.0	210.0	3.99	2120	1.43	0.02	11.3	15.3
E839956		80.7	5.36	6.91	0.16	1.4	0.066	0.67	53.7	98.7	2.75	3320	0.65	0.02	4.7	10.5
E839957		9.1	12.20	24.10	0.21	1.3	0.019	2.63	9.8	39.1	4.64	377	0.47	1.19	2.8	59.1
E839958		22.2	5.76	18.90	0.12	1.1	0.014	0.08	15.2	11.2	0.84	782	0.55	5.39	18.1	28.7
E839959		10.2	4.73	18.20	0.14	0.8	0.024	0.22	53.8	20.4	1.15	1100	0.80	4.88	9.7	31.5
E839960		20.6	2.88	15.70	0.11	0.8	0.020	0.34	48.2	12.9	0.85	950	0.32	4.78	8.0	18.8
E839551		>10000	3.20	12.15	0.12	1.2	0.097	5.06	17.4	1.5	0.38	1210	19.70	0.34	2.9	29.2
E846071		22.6	0.16	17.95	0.13	1.3	0.013	0.06	23.8	0.5	0.03	902	0.46	6.70	29.2	<0.2
E846072		9.8	1.06	19.80	0.14	1.3	0.014	0.06	51.0	2.5	0.21	912	0.45	6.80	17.2	4.5
E846073		23.4	4.68	26.20	0.16	2.5	0.009	0.35	36.4	2.6	0.33	283	1.77	6.04	2.5	17.4
E846074		105.5	7.19	25.40	0.16	2.9	0.034	1.44	29.3	113.5	5.41	206	1.56	0.04	11.5	35.9
E846075		300.0	2.84	10.80	0.14	1.5	0.028	0.86	38.5	47.1	2.17	192	0.99	0.09	5.6	31.9
E846076		21.2	6.43	10.75	0.15	1.6	0.088	0.57	38.4	16.9	2.19	6240	2.83	3.11	5.1	47.2
E846077		25.4	6.62	26.70	0.22	2.1	0.019	0.14	60.8	17.2	0.85	225	5.18	5.46	4.3	116.5
E846078		2930.0	5.03	30.10	0.20	3.5	0.179	3.25	70.5	37.4	1.83	1090	1.24	2.10	6.4	38.0
E846079		>10000	3.98	19.65	0.12	1.9	0.464	0.18	16.1	7.4	0.30	1400	96.50	6.01	4.3	18.0
E846080		66.5	7.21	7.60	0.37	1.1	0.091	0.08	298.0	27.7	3.59	6540	250.00	1.65	2.3	28.9
E846081		38.0	32.00	5.25	0.50	0.4	0.070	0.03	240.0	6.2	1.45	6960	63.00	0.85	16.4	110.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 6-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839906		140	6.5	90.1	<0.002	0.01	0.82	33.0	3	1.5	26.5	0.15	0.08	5.1	0.456	0.24
E839907		480	7.1	118.0	<0.002	<0.01	0.89	41.8	3	1.5	48.3	0.39	0.06	1.2	1.080	0.24
E839908		540	7.9	68.4	<0.002	<0.01	0.71	46.7	3	2.0	36.1	0.33	0.08	1.7	0.907	0.10
E839909		1910	38.4	171.5	0.002	<0.01	1.02	38.4	3	2.1	77.4	1.57	0.05	8.9	1.045	0.35
E839910		150	21.8	123.0	<0.002	<0.01	0.83	42.1	3	1.7	40.3	0.31	<0.05	6.1	0.541	0.34
E839911		140	4.4	97.0	<0.002	0.01	0.44	18.6	2	0.8	27.0	0.15	<0.05	2.2	0.242	0.22
E839912		80	8.1	84.5	<0.002	<0.01	0.47	18.4	1	0.7	26.3	0.23	<0.05	7.4	0.225	0.25
E839913		4070	8.4	47.6	<0.002	<0.01	0.14	4.2	2	0.8	240.0	0.30	<0.05	4.7	0.084	0.13
E839915		650	24.7	76.7	0.002	<0.01	0.82	39.8	4	5.4	43.3	0.62	0.13	13.2	1.170	0.23
E839916		40	7.4	29.1	<0.002	<0.01	0.37	1.9	1	0.2	19.8	0.05	<0.05	4.7	0.015	0.13
E839917		220	18.6	4.8	<0.002	0.01	2.99	1.9	1	0.6	103.5	0.47	<0.05	22.4	0.160	0.11
E839918		1360	22.5	15.3	<0.002	<0.01	1.06	3.3	2	1.3	49.0	0.35	<0.05	48.5	0.129	0.07
E839919		80	3.5	90.4	<0.002	<0.01	0.40	28.2	2	2.4	52.7	0.35	<0.05	5.6	0.503	0.26
E839920		1800	21.5	4.0	0.002	<0.01	0.46	10.8	2	1.6	89.6	0.58	0.54	12.3	0.072	0.04
E839921		70	3.1	124.5	<0.002	<0.01	0.50	17.5	1	1.5	16.9	0.08	0.08	0.5	0.287	0.36
E839601		430	31.8	154.0	<0.002	5.67	1.73	10.9	63	6.8	68.2	0.29	6.77	58.1	0.073	0.26
E839602		410	5.3	177.5	<0.002	0.01	0.53	9.6	1	2.9	37.6	0.33	<0.05	15.7	0.109	0.32
E839603		30	9.2	184.0	<0.002	<0.01	0.77	9.3	1	2.5	58.0	0.56	<0.05	5.6	0.145	0.74
E839951		3230	15.9	230.0	<0.002	0.01	0.90	4.4	3	4.4	27.0	0.84	0.07	16.7	0.182	0.32
E839952		3400	26.1	47.7	<0.002	<0.01	1.98	10.1	2	0.8	71.5	0.10	0.14	136.0	0.105	0.11
E839953		3690	5.0	2.4	<0.002	<0.01	0.28	7.3	2	1.7	154.5	0.33	<0.05	3.3	0.083	<0.02
E839954		9230	38.0	66.4	0.005	0.05	3.69	3.6	40	27.0	73.9	0.89	4.64	16.3	0.226	0.10
E839955		2740	5.2	220.0	<0.002	<0.01	0.26	2.4	2	1.8	88.0	0.16	<0.05	6.1	0.073	0.32
E839956		3180	8.9	91.0	<0.002	<0.01	0.27	7.6	3	1.4	213.0	0.19	0.19	7.3	0.057	0.14
E839957		480	4.5	40.2	<0.002	<0.01	0.48	13.4	1	2.3	8.9	0.22	0.35	0.5	0.515	0.18
E839958		860	7.7	2.0	<0.002	<0.01	0.51	16.3	1	1.7	29.3	1.64	0.44	14.6	0.223	0.04
E839959		860	4.0	19.0	<0.002	<0.01	0.46	15.1	1	2.9	34.7	0.87	0.10	16.2	0.313	0.05
E839960		720	2.5	41.0	<0.002	<0.01	0.46	12.1	1	1.9	32.9	0.66	0.05	13.6	0.233	0.09
E839551		1080	5.3	147.0	<0.002	0.60	0.33	7.9	6	1.7	168.5	0.25	0.96	13.7	0.080	0.13
E846071		1360	4.8	1.2	<0.002	0.01	0.51	4.1	1	1.9	58.4	1.88	<0.05	39.1	0.257	<0.02
E846072		1890	12.8	1.3	<0.002	<0.01	0.58	5.2	2	2.1	49.2	1.45	<0.05	38.4	0.260	<0.02
E846073		530	6.4	20.9	<0.002	3.04	1.31	8.0	3	1.8	39.8	0.22	0.36	13.6	0.057	0.04
E846074		720	3.7	52.9	<0.002	0.13	2.35	18.4	1	4.3	5.6	0.97	<0.05	19.1	0.270	0.13
E846075		150	2.4	55.7	<0.002	0.19	1.83	7.0	1	1.0	10.0	0.40	<0.05	7.5	0.130	0.18
E846076		610	8.9	29.1	<0.002	0.67	3.35	10.2	1	1.2	25.0	0.42	0.36	12.2	0.132	0.13
E846077		940	21.2	4.3	<0.002	4.11	20.40	9.3	2	0.9	26.0	0.36	0.16	11.9	0.106	0.02
E846078		550	6.4	137.0	<0.002	1.08	1.99	17.7	1	2.4	11.5	0.54	<0.05	18.7	0.160	0.26
E846079		1710	3.1	5.5	0.002	1.98	1.52	3.0	3	2.3	20.5	0.31	0.34	17.6	0.129	0.04
E846080		340	23.8	4.4	0.157	2.52	5.74	6.7	5	1.0	41.2	0.18	0.51	21.3	0.060	0.43
E846081		1790	10.1	1.5	0.021	>10.0	1.38	2.4	10	2.3	29.9	0.35	4.16	4.6	0.020	0.34

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 6-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
E839906		3.8	310	3.7	29.4	44	25.1	
E839907		0.9	465	1.3	27.4	70	23.1	
E839908		1.4	429	1.7	39.5	39	24.4	
E839909		128.0	225	6.3	76.6	118	102.5	
E839910		71.6	233	4.5	75.8	62	37.6	
E839911		2.1	205	1.8	11.6	39	30.9	
E839912		8.3	117	2.3	31.6	40	33.9	
E839913		5.0	23	1.0	15.5	16	19.6	
E839915		54.8	272	6.0	178.0	62	57.3	
E839916		35.4	11	0.3	9.7	18	2.2	
E839917		133.5	27	5.5	14.6	44	74.8	
E839918		278.0	24	4.8	34.0	8	31.4	
E839919		2.2	151	6.4	33.6	81	24.9	
E839920		118.5	63	2.3	51.5	51	38.3	
E839921		5.6	142	4.6	14.9	33	9.2	
E839601		190.0	37	2.9	33.0	29	35.3	6.35
E839602		3.2	42	2.4	9.0	6	94.1	
E839603		1.4	46	1.1	2.0	9	58.1	
E839951		100.0	156	4.1	56.2	21	84.9	
E839952		640.0	76	1.3	82.4	15	15.6	
E839953		4.3	30	0.5	44.6	16	18.7	
E839954		250.0	214	5.8	121.0	317	97.5	3.86
E839955		9.9	32	1.1	38.2	23	16.6	
E839956		14.1	32	0.7	54.1	35	49.3	
E839957		1.3	392	2.4	23.7	34	32.7	
E839958		66.1	109	1.5	26.3	21	33.9	
E839959		1.5	80	2.1	13.9	57	25.6	
E839960		1.2	54	1.3	16.0	32	22.8	
E839551		2.2	41	4.2	17.0	11	35.0	1.145
E846071		2.9	10	3.5	15.6	2	45.0	
E846072		77.7	22	3.1	32.3	4	48.8	
E846073		2.4	34	2.4	8.2	8	73.9	
E846074		12.4	99	9.0	7.8	60	84.7	
E846075		4.3	37	0.9	11.0	21	46.5	
E846076		4.0	51	3.0	14.1	39	47.8	
E846077		5.8	145	3.3	10.4	33	65.2	
E846078		12.5	137	3.7	12.7	28	102.0	
E846079		4.0	63	24.6	7.2	9	53.5	2.75
E846080		220.0	43	13.2	33.0	17	33.5	
E846081		12.7	69	10.1	17.2	12	12.3	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E839505		1.19	0.008		0.11	9.06	11.1	530	3.57	0.27	0.15	0.05	66.90	8.6	64	11.10
E839506		0.87	0.050		1.09	6.26	1.9	940	1.29	24.00	7.39	<0.02	67.80	21.2	39	2.00
E839507		1.00	0.563		0.44	1.33	5.4	20	0.06	2.35	0.06	<0.02	4.12	5.0	12	<0.05
E839508		0.71	0.009		0.13	6.14	4.1	430	1.25	0.26	8.51	<0.02	34.80	13.3	7	5.61
E839509		0.68	0.007		0.16	6.71	7.6	250	14.45	0.16	0.74	0.04	131.50	16.7	81	4.49

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E839505		43.5	3.46	25.30	0.14	2.3	0.083	2.84	30.4	64.9	1.10	401	4.57	0.90	10.8	14.4
E839506		5390.0	1.68	15.00	0.12	1.2	0.075	4.54	34.7	14.7	1.12	1165	5.17	1.34	12.1	21.5
E839507		>10000	34.70	0.47	0.22	<0.1	0.279	0.06	1.6	0.5	0.55	3280	0.69	0.40	0.2	9.0
E839508		407.0	3.58	15.30	0.12	5.7	0.052	3.42	15.4	45.0	3.03	1025	0.39	1.83	28.7	35.6
E839509		445.0	2.74	41.00	0.29	2.9	0.039	3.95	56.3	137.5	4.13	382	1.04	2.87	8.8	84.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839505		340	14.1	215.0	0.002	0.08	1.22	17.1	1	3.1	67.0	0.74	0.07	17.2	0.203	1.07
E839506		850	2.6	221.0	0.003	0.23	0.42	9.0	2	2.3	76.8	0.93	0.40	14.3	0.284	0.47
E839507		300	5.7	0.5	<0.002	0.50	0.26	2.5	44	0.2	0.4	<0.05	0.13	0.2	0.081	<0.02
E839508		2750	4.3	242.0	<0.002	0.01	0.68	8.5	3	8.6	57.8	1.29	0.05	31.5	0.329	0.42
E839509		900	50.0	163.0	0.002	0.01	6.63	27.5	8	5.9	20.5	0.47	<0.05	37.4	0.628	0.34

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 6-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07061032

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
E839505		5.7	86	2.0	14.7	80	77.0	
E839506		7.3	69	1.0	22.7	16	35.4	
E839507		1.4	30	<0.1	1.6	22	0.9	13.65
E839508		18.7	54	4.3	42.7	19	200.0	
E839509		810.0	122	57.0	174.5	26	84.4	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

CERTIFICATE TR07065306

Project: Werneckes

P.O. No.: FRG07-01

This report is for 140 Drill Core samples submitted to our lab in Terrace, BC, Canada on 25-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844541		4.85	0.029		0.04	6.87	2.0	960	2.06	0.07	6.21	0.02	76.00	19.3	32	2.00
E844542		3.55	<0.005		0.44	7.18	0.7	1690	2.02	0.01	4.75	<0.02	46.60	4.6	39	1.39
E844543		3.04	<0.005		0.03	6.81	<0.2	2470	0.88	<0.01	4.25	0.02	26.50	5.4	43	1.11
E844544		3.36	<0.005		0.03	6.63	0.3	2290	0.69	<0.01	4.46	0.02	35.10	5.1	44	1.13
E844545		6.23	<0.005		0.06	6.50	0.3	1310	1.75	<0.01	6.55	<0.02	27.40	6.3	37	0.98
E844546		6.03	<0.005		0.02	6.85	0.6	1670	2.17	0.14	2.87	0.03	46.50	5.2	47	1.51
E844547		6.65	<0.005		0.29	6.05	0.6	1770	2.17	0.08	3.57	0.02	17.40	4.9	39	1.48
E844548		6.65	<0.005		0.02	6.20	0.4	1500	1.92	0.04	3.96	0.02	12.00	4.8	32	1.35
E844549		6.33	<0.005		0.02	7.45	<0.2	980	7.96	0.02	4.46	0.02	36.60	6.0	22	3.35
E844550		6.22	<0.005		0.01	6.73	<0.2	1660	1.97	0.01	5.19	0.02	84.20	6.4	35	1.13
E844551		6.13	<0.005		0.02	6.22	<0.2	960	1.93	0.06	5.63	<0.02	80.60	10.1	43	1.33
E844552		5.97	<0.005		0.11	6.73	0.8	1240	1.82	0.05	4.63	0.03	71.70	11.0	50	1.57
E844553		6.47	<0.005		0.03	5.11	<5	890	1.63	0.03	10.75	0.02	65.40	8.5	24	1.56
E844554		5.40	0.024		0.03	5.74	0.5	880	2.26	0.25	8.96	<0.02	75.10	8.5	21	1.68
E844555		6.46	0.008		0.05	6.64	0.3	1330	1.65	0.12	5.97	0.02	82.60	9.1	30	1.62
E844556		5.92	0.008		0.01	6.78	0.2	1720	1.72	0.05	3.97	0.02	110.00	9.8	39	1.67
E844557		6.31	<0.005		0.03	6.56	0.3	1660	2.02	0.05	6.11	0.02	89.60	8.7	33	1.37
E844558		6.64	<0.005		1.47	6.61	0.6	1750	1.11	0.17	5.37	0.09	89.70	9.2	35	1.15
E844559		6.70	<0.005		0.05	7.08	0.3	1720	1.39	0.20	5.17	0.02	95.00	9.0	37	1.16
E844560		6.24	<0.005		0.15	6.77	0.6	1820	1.26	0.17	4.01	0.02	72.50	9.5	35	1.46
E844561		7.11	<0.005		0.04	6.36	0.7	1800	1.73	0.19	5.57	<0.02	70.40	9.6	35	1.51
E844562		7.49	<0.005		0.01	6.64	0.7	2000	1.71	0.05	4.08	<0.02	91.90	7.1	37	1.27
E844563		5.56	<0.005		0.08	6.80	0.4	1940	1.69	0.10	3.60	<0.02	143.50	18.2	46	1.65
E844564		7.08	<0.005		0.04	6.67	1.0	2270	2.07	0.15	4.48	0.02	141.00	12.5	36	2.08
E844565		3.75	<0.005		0.01	6.72	0.2	2060	15.20	0.02	5.78	<0.02	119.00	7.8	35	1.39
E844566		3.54	<0.005		0.01	6.90	0.8	2130	5.76	0.01	5.45	<0.02	118.50	7.7	34	1.35
E844567		6.92	<0.005		0.01	6.44	1.3	1940	1.47	0.01	4.94	<0.02	95.00	8.7	33	1.39
E844568		7.64	<0.005		<0.01	6.72	1.0	1980	1.76	<0.01	4.91	0.02	126.00	8.5	36	1.48
E844569		7.45	<0.005		0.02	6.59	0.9	1930	1.40	0.02	5.08	<0.02	89.00	11.1	34	1.89
E844570		6.84	<0.005		0.03	6.56	1.3	2410	1.50	0.03	3.37	0.02	46.50	7.5	36	2.50
E844571		6.48	<0.005		0.04	6.48	1.3	2320	1.86	0.10	2.25	0.05	64.40	6.5	42	2.62
E844572		6.46	<0.005		0.02	6.76	<0.2	1920	1.64	0.03	4.41	0.02	79.40	10.1	38	3.39
E844573		6.86	<0.005		0.05	7.46	2.4	2000	2.49	0.04	1.99	<0.02	57.20	6.5	50	4.34
E844574		6.87	0.007		0.10	6.90	1.6	2060	2.00	0.03	3.48	<0.02	64.20	8.4	45	3.89
E844575		6.36	1.860	1.97	0.16	7.11	2.0	2310	2.23	0.42	1.98	0.02	80.90	6.3	51	3.75
E844576		0.06	0.012		0.58	6.70	4.8	310	75.80	0.56	2.29	0.04	54.10	20.6	89	0.53
E844577		6.96	<0.005		<0.01	6.68	1.9	2010	2.25	0.03	2.34	0.02	71.70	6.8	49	3.61
E844578		6.46	<0.005		0.01	6.72	1.0	1760	2.12	0.02	5.46	<0.02	99.70	7.6	37	4.14
E844579		7.01	<0.005		0.01	6.30	2.1	1660	1.89	0.01	3.67	0.03	96.80	7.1	45	3.96
E844580		6.66	<0.005		0.02	6.66	1.9	1960	2.03	0.04	3.55	0.04	95.10	8.2	40	3.05

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844541		1140.0	1.58	15.95	0.24	1.5	0.036	3.88	44.0	14.3	0.74	794	0.86	1.78	6.5	19.5
E844542		11.8	1.17	16.90	0.26	1.3	0.019	5.95	26.0	12.9	0.61	873	0.32	1.38	5.3	19.1
E844543		8.8	1.02	15.95	0.21	0.9	0.018	6.32	14.7	10.7	0.63	831	0.24	0.63	5.8	22.9
E844544		14.3	0.94	15.75	0.24	0.9	0.017	6.39	20.1	10.1	0.57	863	0.22	0.63	5.5	21.4
E844545		5.5	1.60	16.15	0.21	0.9	0.015	5.02	14.4	11.8	0.86	1110	0.29	0.95	4.0	30.0
E844546		3.6	1.46	18.95	0.11	1.1	0.029	5.39	22.4	15.5	0.65	602	0.28	1.05	5.1	21.7
E844547		31.2	0.79	17.50	0.07	0.9	0.030	4.49	7.9	10.6	0.43	779	0.36	1.47	4.4	19.5
E844548		12.4	0.96	15.65	0.08	0.9	0.022	4.45	5.8	13.7	0.72	883	0.33	1.33	4.4	18.2
E844549		19.7	1.37	19.05	0.13	0.1	0.029	5.47	18.6	25.9	1.13	949	0.28	0.87	2.7	17.5
E844550		7.4	1.13	16.35	0.17	0.7	0.018	5.37	45.6	13.4	0.64	984	0.21	1.10	4.7	19.1
E844551		65.3	2.51	17.60	0.13	1.1	0.025	4.16	42.7	29.1	1.10	1430	1.13	1.25	4.4	25.3
E844552		152.5	3.62	21.50	0.15	1.2	0.036	4.70	38.8	30.8	1.21	1310	2.52	0.96	4.8	34.8
E844553		54.6	3.64	17.05	0.14	0.9	0.032	3.55	35.0	20.9	1.02	2380	0.53	0.70	2.4	31.3
E844554		981.0	1.92	15.55	0.12	1.8	0.040	3.79	38.7	20.4	0.98	1925	1.41	0.98	5.0	24.2
E844555		426.0	2.90	19.05	0.15	1.5	0.047	4.76	43.7	22.7	1.08	1665	0.96	0.93	6.1	22.6
E844556		406.0	3.86	20.80	0.16	1.1	0.051	5.38	59.0	21.3	0.94	1245	1.34	0.81	7.5	27.9
E844557		260.0	3.00	18.35	0.15	1.2	0.040	5.20	48.0	20.4	1.10	1800	0.41	0.60	6.4	27.1
E844558		1075.0	2.59	18.90	0.16	1.4	0.050	5.53	47.5	19.0	1.01	1590	1.22	0.74	9.5	26.1
E844559		1125.0	2.81	18.75	0.17	1.3	0.044	5.46	52.5	19.4	1.04	1465	0.89	0.86	9.9	28.1
E844560		568.0	2.49	19.05	0.16	1.1	0.044	5.83	39.5	19.6	0.87	1175	0.78	0.60	7.0	32.1
E844561		816.0	2.38	19.55	0.15	1.1	0.058	5.12	37.4	25.4	1.01	1775	1.64	0.58	6.3	30.3
E844562		343.0	2.02	20.10	0.16	1.5	0.078	4.79	45.8	19.1	0.86	1575	3.11	0.43	8.5	22.4
E844563		390.0	2.13	19.20	0.21	1.7	0.044	5.79	79.3	23.6	2.07	1215	2.94	0.30	11.8	61.6
E844564		48.6	1.83	22.20	0.22	1.3	0.039	4.73	76.0	22.7	1.33	1280	1.53	0.45	7.1	53.9
E844565		30.9	1.42	20.10	0.20	1.3	0.038	5.03	65.8	20.1	0.82	1340	0.17	0.63	5.4	28.7
E844566		24.1	1.38	19.65	0.23	1.2	0.038	5.78	65.4	19.1	0.81	1305	0.14	0.67	5.3	28.3
E844567		8.9	1.51	19.40	0.18	1.1	0.033	5.29	51.2	21.7	0.93	1205	0.15	0.64	5.1	36.3
E844568		9.0	1.76	22.80	0.22	1.5	0.052	5.69	68.0	23.9	0.89	1290	0.13	0.58	7.0	27.0
E844569		22.6	2.20	20.70	0.18	1.4	0.033	5.43	48.2	24.4	1.11	1405	0.13	0.72	5.7	32.4
E844570		25.7	1.11	18.60	0.14	1.3	0.025	5.89	24.6	16.7	0.71	796	0.48	0.80	5.2	33.3
E844571		34.4	0.84	17.85	0.13	1.4	0.024	4.39	34.2	12.5	0.52	697	2.06	0.87	5.3	31.7
E844572		542.0	1.77	19.40	0.17	1.7	0.051	5.02	42.4	22.7	1.00	847	4.57	0.93	6.0	31.9
E844573		858.0	1.31	24.90	0.12	1.8	0.091	4.85	29.3	15.0	0.59	471	4.65	1.22	7.6	21.7
E844574		539.0	1.41	22.40	0.14	1.6	0.057	4.95	32.7	18.9	0.73	753	6.40	1.00	6.2	28.5
E844575		21.9	2.46	21.20	0.14	1.3	0.048	4.76	41.9	16.5	0.62	652	0.30	0.88	5.2	33.3
E844576		65.2	4.38	19.70	0.17	4.0	0.051	0.54	26.6	14.0	1.18	499	39.50	3.85	8.9	163.5
E844577		14.6	3.65	23.50	0.15	1.6	0.079	4.85	35.8	17.3	0.57	817	0.36	0.91	8.6	25.0
E844578		21.2	2.69	22.00	0.21	1.3	0.059	5.12	54.0	21.0	0.72	1360	0.23	0.75	8.3	24.6
E844579		19.8	3.40	20.00	0.19	1.1	0.064	4.92	53.3	18.5	0.67	998	0.21	0.82	8.1	22.8
E844580		16.5	4.35	21.90	0.20	1.6	0.068	4.84	51.2	21.8	0.70	1375	0.15	0.54	9.3	25.4

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844541		730	3.9	189.0	<0.002	0.20	0.37	9.3	2	1.5	174.0	0.51	0.09	14.7	0.217	0.25
E844542		740	3.1	204.0	<0.002	0.01	0.54	8.3	1	1.6	85.9	0.42	<0.05	14.5	0.160	0.28
E844543		740	2.5	193.0	<0.002	0.01	0.43	9.1	1	1.6	93.1	0.42	<0.05	12.7	0.187	0.31
E844544		690	2.3	195.5	<0.002	0.01	0.41	8.8	1	1.6	84.9	0.43	<0.05	11.5	0.184	0.30
E844545		650	2.4	173.5	<0.002	0.01	0.41	10.6	1	1.6	88.2	0.33	<0.05	14.8	0.173	0.24
E844546		740	3.1	194.0	0.004	0.01	0.59	10.2	2	2.7	61.0	0.46	<0.05	12.4	0.192	0.30
E844547		650	3.0	144.0	0.004	0.01	0.52	10.1	3	1.9	71.2	0.39	0.08	10.6	0.133	0.25
E844548		490	2.6	154.0	0.003	0.01	0.52	8.8	2	1.4	78.9	0.37	0.05	9.0	0.111	0.22
E844549		500	2.9	336.0	0.004	<0.01	1.26	7.2	2	1.2	57.0	0.24	<0.05	5.9	0.089	0.43
E844550		700	3.3	206.0	0.005	0.01	0.60	9.4	2	1.8	81.0	0.39	<0.05	14.0	0.153	0.28
E844551		770	3.1	182.5	0.004	0.01	0.65	10.3	2	2.1	55.4	0.40	0.05	13.8	0.204	0.24
E844552		670	4.1	206.0	0.005	0.02	0.70	10.9	3	2.4	57.1	0.43	<0.05	14.5	0.200	0.28
E844553		470	3.4	171.0	0.004	0.01	0.49	11.7	3	1.5	86.3	0.23	<0.05	10.7	0.111	0.23
E844554		650	2.9	178.5	0.003	0.03	0.60	10.1	3	2.1	75.1	0.35	0.09	12.5	0.152	0.28
E844555		770	2.7	234.0	0.003	0.03	0.64	10.7	3	3.0	67.7	0.52	0.06	13.9	0.221	0.29
E844556		700	2.6	258.0	0.004	0.02	0.52	11.4	3	3.0	62.2	0.61	<0.05	14.6	0.242	0.31
E844557		730	2.6	232.0	0.003	0.01	0.44	12.2	2	2.7	77.2	0.54	<0.05	14.9	0.240	0.29
E844558		720	5.7	228.0	0.004	0.04	0.84	11.2	3	3.1	75.6	0.75	0.05	14.3	0.284	0.30
E844559		770	3.9	244.0	0.003	0.03	0.47	12.1	3	3.0	80.7	0.80	<0.05	15.4	0.312	0.30
E844560		730	11.7	246.0	0.004	0.02	0.52	11.3	2	2.7	76.6	0.58	<0.05	15.1	0.253	0.30
E844561		730	3.0	215.0	0.003	0.07	0.49	11.5	2	3.0	93.5	0.53	0.05	13.2	0.231	0.30
E844562		740	3.1	173.0	0.004	0.04	0.64	10.6	2	3.5	108.0	0.72	<0.05	14.2	0.279	0.32
E844563		1000	5.4	228.0	0.003	0.02	0.46	12.6	2	3.0	99.5	0.77	0.07	14.5	0.261	0.31
E844564		840	6.4	184.5	0.003	0.06	0.51	12.9	2	2.5	142.0	0.48	<0.05	14.0	0.223	0.36
E844565		670	3.1	210.0	0.004	0.02	0.53	11.8	3	2.5	116.0	0.49	<0.05	12.9	0.206	0.34
E844566		700	3.3	239.0	0.004	0.02	0.52	11.4	3	2.4	114.5	0.45	<0.05	13.8	0.206	0.35
E844567		730	3.4	213.0	0.003	0.01	0.67	10.6	2	2.1	99.1	0.46	<0.05	13.8	0.198	0.32
E844568		720	3.1	228.0	0.002	<0.01	0.60	12.7	3	3.0	100.0	0.58	<0.05	14.3	0.243	0.33
E844569		710	3.7	230.0	0.003	0.01	0.49	11.2	2	2.4	121.5	0.49	<0.05	14.0	0.245	0.30
E844570		630	5.1	211.0	0.003	0.02	0.55	10.1	2	1.9	115.0	0.44	<0.05	13.2	0.159	0.32
E844571		590	8.3	153.5	0.003	0.01	0.61	10.1	2	1.8	105.5	0.44	<0.05	12.8	0.144	0.33
E844572		730	6.0	243.0	0.007	0.06	0.40	12.3	2	2.5	149.5	0.48	0.05	14.7	0.229	0.32
E844573		800	6.8	219.0	0.010	0.08	0.52	12.8	2	3.9	128.5	0.60	0.05	13.1	0.254	0.33
E844574		780	6.1	202.0	0.007	0.05	0.52	12.8	2	2.6	161.5	0.51	0.05	13.5	0.219	0.32
E844575		960	6.3	212.0	0.004	<0.01	0.53	11.2	2	2.6	129.5	0.44	0.50	17.1	0.194	0.36
E844576		590	467.0	26.1	0.065	0.17	0.24	16.2	6	5.9	184.0	0.97	0.14	12.8	0.311	0.16
E844577		690	6.1	210.0	0.005	0.01	0.68	11.4	2	3.8	153.0	0.72	<0.05	15.1	0.263	0.31
E844578		730	7.3	245.0	0.006	0.05	0.76	11.4	2	3.3	148.5	0.74	<0.05	15.5	0.246	0.34
E844579		780	7.5	235.0	0.005	0.01	0.57	10.4	2	3.2	128.5	0.68	<0.05	15.7	0.243	0.28
E844580		790	7.5	246.0	0.005	0.08	0.86	10.9	2	3.4	149.0	0.80	<0.05	16.4	0.254	0.39

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844541		3.0	46	2.4	19.5	17	47.9		
E844542		1.8	49	5.9	15.9	10	44.4		
E844543		1.0	62	5.2	13.3	10	30.3		
E844544		1.0	59	5.2	12.5	9	29.2		
E844545		1.5	72	3.2	19.0	9	28.5		
E844546		1.2	58	4.1	14.8	10	38.5		
E844547		1.1	56	4.3	8.0	8	30.9		
E844548		1.1	48	3.7	9.8	10	30.6		
E844549		0.6	31	3.1	13.9	12	11.7		
E844550		1.4	45	4.6	18.6	9	26.3		
E844551		1.8	47	2.3	23.8	23	37.0		
E844552		1.8	58	2.8	20.3	28	41.6		
E844553		1.2	68	2.1	29.0	21	33.5		
E844554		3.5	39	2.5	31.1	17	56.2		
E844555		2.7	49	3.3	21.0	20	49.7		
E844556		2.4	56	3.1	19.4	19	38.8		
E844557		2.2	52	3.3	21.9	23	40.6		
E844558		3.3	53	8.4	26.3	26	46.0		
E844559		3.4	56	3.0	25.6	26	44.4		
E844560		2.3	59	3.7	16.6	24	38.5		
E844561		2.7	55	4.1	18.3	29	37.8		
E844562		3.1	57	11.4	18.0	32	44.8		
E844563		3.4	73	3.1	20.0	50	54.3		
E844564		3.8	74	4.0	16.8	42	42.9		
E844565		2.6	54	5.7	49.4	21	41.2		
E844566		2.5	54	5.2	45.6	21	42.9		
E844567		2.1	53	6.7	19.1	24	36.2		
E844568		1.7	66	4.9	25.0	29	48.7		
E844569		2.1	56	2.5	15.7	35	45.4		
E844570		1.5	52	3.6	11.9	23	44.4		
E844571		1.9	52	3.6	9.1	24	43.5		
E844572		3.5	64	2.7	16.2	29	53.6		
E844573		3.7	80	4.5	12.5	15	59.5		
E844574		3.6	69	3.5	15.0	17	50.3		
E844575		3.2	77	2.7	13.9	25	40.3		
E844576		1600.0	601	3.0	19.2	75	147.0		0.17
E844577		5.7	58	2.9	17.3	27	48.0		
E844578		4.6	49	2.8	21.7	31	40.1		
E844579		3.5	50	2.3	17.0	27	36.8		
E844580		4.3	54	2.6	21.0	41	48.2		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844581		6.84	<0.005		0.03	6.36	2.2	1670	1.88	0.21	4.25	0.02	99.70	6.4	33	2.58
E844582		7.01	<0.005		0.20	6.19	1.2	1570	1.69	0.34	5.47	<0.02	213.00	6.1	29	2.11
E844583		6.90	<0.005		0.10	5.65	0.5	1530	1.30	0.06	6.10	<0.02	71.70	8.3	27	2.32
E844584		0.03	<0.005		0.05	0.05	<0.2	10	<0.05	<0.01	0.02	<0.02	2.44	0.1	<1	<0.05
E844585		6.84	<0.005		0.01	6.04	1.3	1760	1.72	0.03	3.79	<0.02	85.40	5.3	32	2.47
E844586		6.20	<0.005		0.02	6.16	1.1	1800	2.30	0.04	2.70	<0.02	118.00	6.5	37	3.51
E844587		6.22	<0.005		<0.01	6.85	1.4	2190	2.75	0.15	2.58	<0.02	84.50	5.1	41	2.96
E844588		2.38	<0.005		<0.01	6.39	1.7	80	0.54	0.05	7.86	<0.02	198.00	6.6	26	0.48
E844589		2.40	<0.005		0.01	6.56	2.0	110	0.56	0.03	6.90	<0.02	33.70	8.1	36	0.64
E844590		2.63	<0.005		<0.01	6.69	1.2	120	0.68	0.07	9.88	<0.02	63.00	6.6	27	0.74
E844591		2.70	<0.005		<0.01	5.62	1.2	80	1.00	0.07	5.50	<0.02	6.21	6.0	28	0.64
E844592		2.37	<0.005		<0.01	6.81	1.4	60	0.88	0.10	5.50	<0.02	98.20	12.3	32	0.36
E844593		2.20	<0.005		0.02	5.98	2.2	40	0.97	0.08	6.47	0.02	120.00	7.7	26	0.29
E844594		2.35	<0.005		0.02	5.43	1.9	50	0.75	0.05	7.36	<0.02	124.50	14.7	23	0.35
E844595		2.37	<0.005		0.02	6.04	1.5	40	0.57	0.04	7.35	<0.02	109.50	7.3	24	0.35
E844596		2.20	<0.005		<0.01	6.08	0.2	70	0.90	0.03	9.76	<0.02	75.90	4.3	24	0.47
E844597		4.63	<0.005		<0.01	6.86	2.6	50	1.47	0.04	7.56	<0.02	68.00	4.1	31	0.35
E844598		6.16	<0.005		<0.01	7.22	3.8	30	2.56	0.35	8.10	<0.02	25.80	54.9	28	0.56
E844599		7.08	<0.005		0.01	5.78	1.4	40	1.14	0.03	9.24	<0.02	36.40	4.8	24	0.59
E844600		2.29	<0.005		0.02	5.93	1.5	70	1.37	0.03	8.87	<0.02	79.30	6.1	23	1.01
E844601		2.27	<0.005		0.02	5.61	<5	70	1.49	0.03	10.40	<0.02	111.00	6.1	23	1.28
E844602		2.36	<0.005		<0.01	5.54	1.6	40	0.83	0.04	8.14	<0.02	170.50	4.9	22	0.62
E844603		2.70	<0.005		<0.01	5.96	1.3	40	0.97	0.14	8.47	<0.02	20.50	4.9	24	1.06
E844604		2.45	<0.005		0.01	6.27	1.7	50	0.85	0.09	5.79	<0.02	7.91	9.0	28	0.46
E844605		2.53	<0.005		0.02	5.80	1.2	80	0.82	0.06	6.29	0.02	11.40	3.3	29	0.26
E844606		2.05	<0.005		0.02	6.00	1.2	50	0.60	0.06	7.46	<0.02	17.05	6.4	26	0.38
E844607		2.33	<0.005		<0.01	5.83	1.4	50	1.48	0.02	9.69	<0.02	23.60	6.5	25	1.05
E844608		2.38	<0.005		<0.01	5.76	2.7	40	1.08	0.02	8.42	<0.02	9.65	3.4	22	0.30
E844609		2.40	<0.005		0.10	5.71	1.6	50	1.14	0.04	6.58	0.02	11.65	3.1	17	0.42
E844610		6.72	<0.005		0.02	5.08	0.7	40	2.02	0.02	9.44	<0.02	11.90	3.2	28	0.30
E844611		7.28	<0.005		0.02	5.71	1.4	40	1.14	0.08	8.64	<0.02	10.40	37.6	22	0.29
E844612		0.06	<0.005		0.26	6.73	7.9	330	9.32	0.63	1.85	0.24	56.20	21.3	71	1.06
E844613		7.07	<0.005		0.02	6.81	6.7	40	1.45	0.43	5.85	<0.02	64.10	75.1	31	0.59
E844614		7.05	<0.005		0.04	6.69	4.1	30	1.35	0.61	3.43	<0.02	68.30	41.4	37	2.08
E844615		7.29	<0.005		<0.01	6.90	5.3	30	1.53	0.30	4.05	<0.02	51.90	40.1	29	0.48
E844616		7.58	<0.005		<0.01	6.93	5.9	20	1.34	0.77	4.54	0.02	37.20	36.0	30	0.43
E844617		6.90	<0.005		0.02	6.33	3.6	30	1.01	0.15	5.50	<0.02	29.90	29.3	25	0.74
E844618		7.10	<0.005		0.03	7.07	1.5	50	0.93	0.11	8.89	<0.02	61.90	11.5	40	0.39
E844619		7.20	<0.005		0.03	6.93	6.4	20	1.53	0.48	5.66	<0.02	49.00	95.6	52	0.59
E839704		1.06	0.034		0.46	8.06	7.0	7320	1.76	0.38	1.58	<0.02	455.00	22.8	17	0.49

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844581	37.9	3.35	19.55	0.20	1.3	0.060	4.82	52.7	19.1	0.70	1245	0.24	0.69	9.7	22.3
E844582	112.5	3.54	18.00	0.26	1.5	0.052	4.57	109.0	21.3	0.70	1390	0.36	0.68	8.8	19.8
E844583	34.1	3.49	14.70	0.14	1.0	0.027	4.29	37.2	23.3	0.84	1340	0.31	0.62	5.8	21.6
E844584	1.4	0.02	0.28	0.08	0.7	<0.005	0.01	1.4	2.0	<0.01	<5	0.08	<0.01	0.1	0.6
E844585	9.0	2.73	16.60	0.17	1.2	0.045	5.13	43.4	19.6	0.64	877	0.18	0.68	7.8	19.6
E844586	19.7	3.72	21.30	0.17	1.6	0.038	4.85	65.0	19.1	0.61	716	0.27	0.80	5.5	26.5
E844587	21.4	2.04	19.40	0.15	1.8	0.051	5.61	43.2	21.3	0.62	671	0.23	1.12	7.4	24.6
E844588	1.1	3.38	14.80	0.24	0.8	0.023	0.40	95.3	11.8	1.05	2220	0.30	3.86	3.5	7.8
E844589	1.2	5.26	15.35	0.12	1.0	0.022	0.46	16.3	20.4	1.45	2180	0.32	3.46	5.0	16.2
E844590	0.9	5.47	16.60	0.14	1.1	0.030	0.60	31.0	19.7	1.42	3830	0.21	3.37	5.6	13.9
E844591	0.9	5.36	12.70	0.08	0.7	0.014	0.38	3.0	19.4	1.26	2390	0.41	2.78	4.3	14.5
E844592	2.7	3.69	15.50	0.16	1.1	0.008	0.20	48.8	5.2	0.81	1835	0.43	4.85	5.9	9.1
E844593	1.4	4.06	13.65	0.17	1.0	0.008	0.13	62.2	3.1	1.05	1710	0.56	4.49	5.0	6.9
E844594	1.2	4.00	12.20	0.16	1.0	0.012	0.21	64.1	2.9	1.03	2050	0.47	3.84	3.7	10.8
E844595	1.0	4.21	14.05	0.17	0.8	0.014	0.19	55.4	6.4	1.17	2140	0.58	4.16	3.6	6.3
E844596	0.9	3.68	13.90	0.12	1.0	0.023	0.33	38.1	6.6	0.80	2630	0.37	3.93	3.9	3.6
E844597	14.2	3.62	16.75	0.15	1.2	0.017	0.21	35.8	6.1	0.41	1800	0.47	5.02	6.4	3.7
E844598	30.6	2.80	17.70	0.11	1.6	0.014	0.10	12.6	11.9	1.03	1320	3.03	4.85	4.6	35.2
E844599	2.7	2.52	13.40	0.08	1.0	0.010	0.14	17.6	8.1	0.40	1155	0.98	4.23	5.0	7.5
E844600	2.3	2.47	14.50	0.12	1.0	0.008	0.33	39.1	14.3	0.55	962	0.92	4.28	5.5	11.6
E844601	5.2	2.35	14.80	0.14	1.0	0.014	0.37	53.9	17.0	0.67	1110	0.41	3.97	4.2	13.1
E844602	1.7	2.21	13.65	0.18	0.9	0.009	0.17	83.9	7.8	0.48	905	0.39	4.10	3.6	8.4
E844603	1.0	2.68	14.05	0.08	0.9	0.013	0.27	9.8	12.8	0.57	1005	0.53	4.37	4.3	10.5
E844604	1.5	2.78	13.40	0.08	0.8	0.007	0.17	3.6	4.8	0.30	742	0.25	4.54	3.4	7.4
E844605	2.4	2.49	12.90	0.08	0.6	<0.005	0.10	5.2	1.8	0.11	794	0.25	4.46	3.7	2.4
E844606	5.3	2.52	13.10	0.06	0.7	0.006	0.10	7.9	4.5	0.24	1250	0.88	4.64	5.6	5.5
E844607	1.5	2.22	15.60	0.06	1.1	0.013	0.22	11.4	14.6	0.83	1615	0.36	3.97	7.7	19.8
E844608	1.5	2.08	11.95	0.07	0.8	0.008	0.17	4.1	1.9	0.10	1395	0.30	4.25	3.4	1.5
E844609	14.1	1.94	11.50	0.06	0.5	0.007	0.16	5.5	2.1	0.11	1280	0.39	4.36	2.5	2.0
E844610	2.4	2.60	11.20	0.06	0.8	0.008	0.16	5.3	3.1	0.22	1470	0.41	3.62	2.3	2.2
E844611	1.8	1.92	12.55	0.06	0.9	0.009	0.16	5.0	1.8	0.11	1285	3.15	4.30	3.2	9.4
E844612	62.1	4.33	18.80	0.14	3.9	0.304	0.87	27.1	11.7	1.12	512	36.60	3.33	8.7	148.0
E844613	52.6	8.68	21.90	0.17	1.3	0.081	0.18	33.5	23.0	2.84	1310	0.84	3.72	8.0	56.7
E844614	19.6	9.41	26.10	0.18	1.3	0.105	0.23	32.6	45.3	3.73	1270	0.32	3.08	8.7	75.8
E844615	16.9	8.08	22.40	0.18	1.3	0.113	0.12	23.0	27.2	3.42	1215	0.54	3.49	10.5	48.0
E844616	185.5	8.37	20.70	0.15	1.2	0.084	0.13	16.3	24.3	3.11	1260	0.49	3.59	10.3	42.7
E844617	52.0	7.43	19.70	0.13	1.0	0.027	0.16	15.0	26.5	2.45	1510	3.73	3.15	5.3	49.8
E844618	243.0	6.54	17.60	0.17	2.1	0.028	0.27	35.5	5.9	0.49	1560	0.87	4.97	5.7	20.2
E844619	20.2	12.30	23.80	0.23	2.1	0.079	0.06	23.9	19.0	3.01	1120	1.71	3.93	11.8	69.5
E839704	733.0	7.69	16.90	0.36	1.3	0.037	2.09	319.0	14.4	0.89	2000	49.60	4.38	10.4	23.6

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844581		1010	7.1	252.0	0.004	0.01	0.71	9.9	2	3.3	127.0	0.78	0.11	15.5	0.246	0.34
E844582		930	7.2	229.0	<0.002	0.01	0.58	9.8	3	3.0	104.5	0.74	0.27	16.4	0.241	0.31
E844583		730	7.7	203.0	0.002	0.02	0.45	8.6	2	2.1	117.5	0.59	<0.05	12.5	0.204	0.29
E844584		10	0.9	1.0	<0.002	0.01	<0.05	0.4	1	<0.2	2.1	<0.05	<0.05	0.3	0.005	<0.02
E844585		800	5.3	238.0	<0.002	<0.01	0.46	9.7	2	2.6	107.5	0.68	<0.05	14.6	0.240	0.31
E844586		810	3.8	232.0	<0.002	<0.01	0.45	10.2	2	2.4	97.6	0.47	<0.05	14.1	0.186	0.39
E844587		550	3.7	249.0	<0.002	<0.01	0.55	11.3	2	2.8	114.5	0.62	<0.05	14.0	0.222	0.37
E844588		540	2.0	30.6	<0.002	0.05	0.82	13.0	2	1.3	59.2	0.36	<0.05	11.8	0.121	0.08
E844589		590	1.5	35.3	<0.002	0.16	0.85	13.9	2	1.6	44.4	0.45	<0.05	12.0	0.143	0.08
E844590		530	1.7	44.5	0.002	0.08	0.93	14.0	2	1.8	69.1	0.58	0.05	13.3	0.170	0.11
E844591		590	1.8	28.0	<0.002	0.31	0.71	11.6	2	1.6	53.4	0.45	<0.05	11.4	0.137	0.07
E844592		540	2.7	14.8	<0.002	0.15	0.97	10.5	2	1.8	59.6	0.53	<0.05	13.2	0.171	0.04
E844593		580	3.5	9.2	<0.002	0.06	0.89	11.9	2	1.9	54.7	0.49	<0.05	13.2	0.173	0.03
E844594		630	3.8	15.4	<0.002	0.16	0.70	10.8	2	1.7	52.1	0.37	<0.05	12.7	0.155	0.04
E844595		440	2.6	15.9	<0.002	0.04	0.66	13.2	2	1.6	58.4	0.39	<0.05	11.3	0.138	0.04
E844596		520	2.3	26.6	<0.002	0.01	0.71	13.0	2	1.7	73.5	0.38	<0.05	11.3	0.138	0.06
E844597		580	3.4	14.2	<0.002	0.01	0.85	9.4	2	1.9	72.8	0.59	<0.05	13.4	0.173	0.04
E844598		580	2.6	7.6	0.002	0.45	0.62	13.6	4	1.0	66.2	0.35	0.18	6.1	0.278	0.03
E844599		670	2.4	17.5	<0.002	0.05	0.54	8.4	2	1.5	97.1	0.44	<0.05	12.3	0.177	0.03
E844600		670	2.0	42.9	<0.002	0.02	0.56	8.0	2	1.6	117.0	0.46	<0.05	12.8	0.198	0.06
E844601		700	2.6	52.5	<0.002	0.03	0.57	10.4	2	1.5	141.0	0.35	<0.05	14.0	0.173	0.08
E844602		710	2.4	23.6	<0.002	0.04	0.55	7.3	2	1.5	118.0	0.33	<0.05	13.8	0.157	0.03
E844603		660	2.4	39.6	<0.002	0.02	0.56	8.4	2	1.7	125.0	0.37	<0.05	13.8	0.196	0.06
E844604		660	3.7	14.4	<0.002	0.06	0.62	7.0	2	1.6	102.5	0.30	<0.05	16.6	0.174	0.03
E844605		680	2.9	7.0	<0.002	0.02	0.66	5.2	2	1.1	109.5	0.33	<0.05	13.1	0.139	0.02
E844606		690	3.9	8.5	<0.002	0.04	0.70	6.2	2	1.6	110.5	0.51	<0.05	15.9	0.199	0.02
E844607		740	1.7	28.0	<0.002	0.01	0.84	10.7	2	1.7	133.5	0.59	<0.05	13.2	0.219	0.06
E844608		550	2.1	11.0	<0.002	0.02	1.15	7.0	2	1.3	103.5	0.29	<0.05	11.5	0.142	0.02
E844609		470	4.2	10.0	<0.002	0.02	0.62	5.6	2	1.0	79.7	0.21	<0.05	8.9	0.099	0.04
E844610		640	1.7	11.8	<0.002	0.02	0.60	7.3	2	1.4	91.9	0.21	<0.05	10.4	0.119	0.02
E844611		620	2.6	10.0	0.002	0.22	0.58	6.4	3	1.1	70.4	0.28	0.06	11.9	0.122	0.03
E844612		490	83.6	43.6	0.026	0.27	0.30	14.6	4	7.2	159.5	1.11	0.07	13.1	0.297	0.20
E844613		820	3.4	9.5	0.002	0.30	1.44	33.0	3	1.6	109.5	0.57	0.06	4.8	0.754	0.02
E844614		750	1.8	21.4	0.002	0.01	1.31	34.3	3	1.6	64.7	0.65	0.06	5.0	0.818	0.10
E844615		720	1.3	7.2	0.003	0.01	1.37	37.6	3	1.7	93.8	0.74	<0.05	4.5	0.941	0.02
E844616		690	1.5	8.6	0.003	0.02	1.21	34.4	4	1.5	98.0	0.75	<0.05	3.8	0.978	0.02
E844617		760	1.5	13.0	0.004	0.10	0.83	25.8	3	1.2	38.8	0.41	<0.05	7.1	0.479	0.03
E844618		870	2.2	16.6	0.002	0.07	1.05	21.2	3	1.3	42.5	0.41	0.18	9.2	0.321	0.10
E844619		920	1.7	3.7	0.004	0.56	1.07	47.3	4	2.3	54.9	0.72	0.06	4.0	1.185	0.04
E839704		350	27.4	48.6	0.041	0.26	3.88	1.6	5	1.5	335.0	0.54	0.14	73.9	0.076	0.49

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844581		3.5	45	3.9	20.3	30	41.8		
E844582		6.6	44	3.6	26.1	28	44.9		
E844583		2.1	41	2.6	16.0	29	27.6		
E844584		0.3	<1	0.1	1.6	3	20.9		
E844585		7.4	49	3.0	19.2	21	34.8		
E844586		2.0	81	3.2	14.5	22	50.1		
E844587		2.3	67	3.6	13.2	23	51.3		
E844588		8.4	50	1.4	10.6	11	22.4		
E844589		2.8	73	1.5	7.9	20	29.8		
E844590		3.9	73	2.4	8.2	20	32.6		
E844591		3.1	79	1.8	8.1	22	20.3		
E844592		7.2	57	1.7	9.0	10	34.0		
E844593		7.4	60	1.6	12.5	8	31.3		
E844594		7.4	54	1.4	12.8	7	28.8		
E844595		6.3	56	1.3	11.5	8	24.5		
E844596		4.8	59	1.4	14.6	8	27.8		
E844597		6.8	64	2.0	16.2	8	34.7		
E844598		3.0	82	2.1	27.0	20	48.0		
E844599		3.8	54	1.2	12.7	8	30.3		
E844600		2.1	45	0.7	12.4	9	29.7		
E844601		2.5	42	0.7	15.4	11	31.5		
E844602		1.8	40	0.7	9.4	8	27.0		
E844603		2.1	49	0.6	10.3	11	27.7		
E844604		4.0	53	1.0	8.3	12	24.5		
E844605		0.8	53	0.8	7.9	10	18.5		
E844606		1.4	50	1.2	9.4	12	21.4		
E844607		1.2	60	1.2	14.4	15	35.8		
E844608		7.7	35	1.3	13.2	4	23.5		
E844609		3.8	34	1.2	10.1	18	17.1		
E844610		5.5	49	1.1	20.6	4	26.7		
E844611		13.7	33	1.5	14.5	5	30.0		
E844612		207.0	184	6.7	16.4	122	120.0		
E844613		1.5	318	1.0	28.3	47	34.3		
E844614		1.3	363	1.0	27.1	69	30.2		
E844615		1.3	323	1.1	29.8	54	28.4		
E844616		1.1	336	1.2	25.6	51	26.9		
E844617		2.6	253	1.4	22.2	37	27.9		
E844618		5.0	165	1.8	20.7	11	64.7		
E844619		2.3	472	1.6	35.7	46	53.3		
E839704		427.0	37	17.1	44.5	8	38.2		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E839705		2.65	1.085	0.87	0.60	0.52	18.7	320	0.18	1.09	0.52	<0.02	91.00	103.0	28	0.36
E839706		2.49	2.83	2.55	6.98	0.01	2.1	160	0.13	6.17	0.64	0.09	1.72	24.5	7	0.17
E839707		2.80	1.040	1.74	2.23	5.75	13.8	2360	2.41	0.39	0.30	<0.02	400.00	73.0	44	1.41
E839708		2.72	2.83	2.97	17.55	7.07	13.0	620	1.78	9.78	4.43	<0.02	>500	12.2	37	2.93
E839709		2.17	1.445	1.40	11.55	1.88	110.0	170	0.38	33.70	0.41	<0.02	>500	80.6	7	0.67
E839710		2.67	0.184		0.99	6.29	64.4	2560	1.65	1.72	0.91	<0.02	255.00	61.2	38	2.36
E839711		1.75	1.660	1.73	2.47	5.62	53.6	770	1.25	12.55	0.18	0.03	>500	149.0	40	2.54
E839653		2.18	0.413		1.27	4.88	185.0	60	1.06	3.24	4.58	<0.02	238.00	1190.0	31	1.04
E839654		1.01	0.014		0.13	5.66	93.7	150	2.11	7.12	2.61	0.02	261.00	415.0	29	2.59
E839655		1.32	0.053		4.05	6.00	104.5	440	1.72	1.27	4.51	0.02	92.30	66.6	37	1.13
E839656		1.82	0.593		0.24	7.72	7290.0	80	0.96	0.75	3.03	0.03	160.50	5700.0	22	0.13
E839763		0.92	0.027		0.21	10.75	49.5	370	4.02	1.03	0.29	<0.02	16.05	135.5	73	2.96
E839764		0.95	>10.0	18.30	3.74	0.10	42	30	0.11	0.69	19.75	0.05	6.05	90.2	3	0.65
E839765		0.81	0.105		2.01	4.77	30.7	60	2.87	7.55	2.50	<0.02	11.45	40.7	13	3.79
E839766		0.46	0.071		1.73	8.33	16.0	140	2.06	1.52	0.66	<0.02	391.00	37.0	56	0.41
E839767		0.03	0.005		0.02	0.05	0.5	10	<0.05	<0.01	0.01	<0.02	2.71	0.6	1	<0.05
E839768		4.03	0.101		3.14	7.82	31.2	1120	1.29	2.84	0.35	<0.02	47.50	133.0	40	1.70
E846251		0.80	0.012		0.11	7.43	6.3	1530	0.19	0.43	4.29	0.02	194.00	22.2	35	0.57
E846252		1.55	0.055		0.12	7.24	472.0	200	2.80	2.01	9.35	<0.02	37.60	1365.0	33	1.59
E846253		1.50	0.015		0.05	7.38	10.4	600	2.12	0.18	3.63	0.02	86.20	35.2	40	3.51
E846004		0.53	0.005		0.01	10.70	13.2	670	3.05	0.28	0.15	0.08	39.40	5.7	73	14.50
E846005		0.77	0.005		0.03	9.86	1.6	620	3.84	0.17	0.11	0.02	81.50	2.3	70	15.40
E846006		0.84	<0.005		<0.01	9.14	9.0	640	2.84	0.30	0.31	0.04	57.30	8.9	66	10.05
E846007		0.94	<0.005		0.02	9.93	19.7	690	3.64	0.34	0.11	0.03	81.70	4.9	67	11.70
E846008		0.67	<0.005		<0.01	9.70	2.4	640	3.03	0.12	0.13	<0.02	31.10	4.1	61	11.60
E846009		0.41	<0.005		0.01	9.39	11.4	670	2.43	0.11	0.07	<0.02	39.20	5.2	68	8.62
E846010		0.71	<0.005		0.05	9.90	10.2	690	2.74	0.25	0.08	0.04	133.00	5.9	63	10.35
E846011		0.49	<0.005		<0.01	7.01	4.2	430	2.50	0.18	0.30	0.03	21.80	7.5	45	5.36
E846012		0.75	<0.005		0.06	9.75	17.5	730	3.48	0.39	0.13	0.03	34.10	7.4	74	12.50
E846013		0.82	<0.005		0.03	10.10	6.4	690	2.39	0.26	0.10	0.02	41.20	8.6	55	12.20
E846014		0.46	<0.005		0.24	3.52	7.2	190	0.58	0.28	0.03	<0.02	29.40	3.5	37	3.90
E846015		0.60	<0.005		0.05	10.20	14.3	750	3.34	0.27	0.15	0.03	64.50	13.1	75	15.15
E846016		0.57	0.016		0.08	8.22	17.5	30	0.76	0.44	2.72	<0.02	137.00	41.2	28	0.78
E846017		0.64	<0.005		0.14	8.21	5.1	700	0.53	0.07	0.42	0.02	70.10	6.0	53	0.66
E846018		0.74	<0.005		0.05	6.96	9.6	630	0.97	0.26	3.86	0.02	67.10	29.4	42	1.45
E846019		1.05	0.043		0.43	0.94	18	250	0.40	0.22	18.05	0.04	55.30	29.0	2	0.55
E846020		1.18	0.192		1.28	7.14	27.0	2520	2.07	1.15	0.86	<0.02	253.00	90.3	45	2.67
E846021		1.13	0.113		1.15	2.77	40.9	770	1.04	1.81	6.97	0.02	251.00	123.0	15	0.58
E846022		0.65	0.008		0.06	0.25	2.6	2840	0.07	0.10	0.20	0.02	309.00	11.1	11	0.34
E846023		1.19	0.217		0.65	3.86	7.1	280	1.19	0.49	0.71	<0.02	48.50	49.7	28	0.94

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839705	>10000	5.21	2.81	0.17	0.2	0.206	0.37	64.1	2.8	0.11	1540	27.20	0.03	0.3	19.1
E839706	>10000	20.50	0.93	0.65	<0.1	6.110	0.01	1.0	0.8	0.13	1900	2.19	0.02	0.2	8.2
E839707	>10000	10.10	23.30	0.43	2.0	0.216	3.72	285.0	25.6	0.67	743	134.00	0.03	8.8	25.0
E839708	724.0	3.31	27.20	0.87	3.0	0.115	4.67	960.0	20.3	1.75	4330	111.50	1.53	10.6	18.8
E839709	4950.0	34.50	15.40	1.80	0.6	0.076	0.68	1420.0	24.7	0.47	176	210.00	0.01	10.7	63.7
E839710	1360.0	14.20	15.85	0.36	2.0	0.102	3.35	216.0	96.8	1.31	930	57.80	0.05	10.3	34.9
E839711	>10000	13.35	20.20	0.57	2.2	0.111	3.19	490.0	80.6	0.86	280	191.50	0.04	18.6	46.1
E839653	>10000	19.90	18.00	0.40	1.1	0.480	1.27	155.0	29.7	2.31	5150	85.30	1.54	29.2	179.0
E839654	145.5	8.27	19.80	0.28	1.9	0.296	3.02	187.0	29.7	1.46	2450	32.90	0.06	8.3	111.0
E839655	>10000	5.72	19.05	0.21	1.5	0.605	3.30	58.9	21.3	2.05	2710	52.40	1.52	7.0	65.9
E839656	211.0	1.59	24.50	0.22	2.9	0.048	0.06	93.5	2.7	1.27	1210	1.89	6.84	7.9	333.0
E839763	821.0	6.32	44.00	0.17	4.1	0.161	2.39	9.2	38.3	1.14	175	4.57	3.92	8.9	49.3
E839764	5180.0	10.10	0.98	0.16	0.1	0.277	0.05	2.6	3.3	7.96	10750	0.84	0.04	0.2	19.0
E839765	91.3	11.65	10.80	0.18	6.7	0.047	0.05	4.0	124.0	3.44	1735	118.50	0.04	18.3	16.0
E839766	4000.0	8.71	26.90	0.41	3.5	0.112	0.50	249.0	27.3	0.95	788	279.00	4.98	11.5	33.1
E839767	14.3	0.03	0.18	<0.05	0.9	<0.005	<0.01	1.7	2.1	0.01	5	0.63	0.01	0.2	0.4
E839768	3390.0	11.10	20.30	0.45	3.4	0.118	4.97	19.0	84.7	2.68	319	690.00	0.51	25.5	52.7
E846251	2600.0	4.77	13.90	0.29	2.6	0.038	6.29	112.5	9.7	1.48	2210	7.50	0.12	6.4	12.5
E846252	304.0	9.03	17.65	0.17	1.2	0.112	2.93	22.1	15.3	4.20	5910	1.99	1.75	2.7	103.5
E846253	755.0	2.65	18.15	0.17	2.1	0.085	4.49	48.7	16.7	1.86	2370	7.86	1.12	5.3	13.4
E846004	61.3	3.32	30.80	0.14	3.2	0.080	3.08	18.3	46.0	1.05	388	1.82	0.95	13.4	6.9
E846005	16.5	2.40	28.00	0.17	3.6	0.070	3.01	38.7	35.5	0.88	312	1.98	0.65	6.5	5.0
E846006	23.1	3.92	26.20	0.15	3.0	0.072	2.63	22.9	44.5	1.02	547	0.89	0.41	15.8	19.9
E846007	21.6	3.89	28.00	0.17	3.1	0.079	2.84	37.5	46.4	1.06	490	1.14	0.53	14.1	13.8
E846008	12.1	3.50	25.90	0.12	3.5	0.078	2.72	12.6	44.8	0.99	395	2.27	0.78	12.3	8.1
E846009	13.2	3.45	24.40	0.13	2.8	0.063	2.90	18.8	42.6	0.98	414	1.13	0.56	12.0	18.4
E846010	20.5	3.43	30.00	0.22	4.2	0.080	3.10	69.9	48.9	1.01	387	1.20	0.53	17.7	17.4
E846011	24.2	3.79	17.65	0.11	2.0	0.046	1.60	12.8	38.8	0.99	466	0.64	0.55	10.8	17.8
E846012	29.6	3.82	28.80	0.13	4.0	0.083	2.85	15.5	55.5	0.85	334	1.50	0.51	15.2	20.7
E846013	33.0	4.17	28.70	0.14	3.7	0.077	2.44	19.2	52.1	1.03	375	1.23	0.58	12.8	22.5
E846014	49.9	2.62	9.20	0.11	1.3	0.028	0.74	15.4	27.1	0.49	184	0.42	0.28	4.4	12.0
E846015	36.2	4.60	29.70	0.16	3.7	0.086	2.69	30.8	64.7	1.00	492	0.77	0.33	12.4	19.8
E846016	155.0	2.44	21.80	0.19	2.6	0.024	0.39	77.8	13.2	1.50	1420	7.76	5.61	6.8	13.3
E846017	9.2	6.31	20.90	0.20	1.9	0.022	6.47	33.6	27.2	1.38	952	0.53	1.05	8.7	33.1
E846018	9.3	6.65	19.85	0.17	1.6	0.054	4.64	39.3	36.6	3.15	3420	1.40	0.45	6.0	36.8
E846019	540.0	12.15	4.81	0.19	0.3	0.210	0.21	32.3	9.5	6.00	17700	33.60	0.14	2.1	17.4
E846020	6410.0	10.00	21.60	0.32	2.2	0.097	4.06	173.0	47.9	1.74	773	47.00	0.04	4.2	27.3
E846021	4000.0	26.50	11.30	0.45	0.8	0.216	1.45	184.5	15.5	2.92	8210	26.00	0.02	18.9	52.7
E846022	>10000	1.36	2.30	0.19	0.1	0.064	0.06	230.0	4.0	0.15	787	5.15	0.03	0.4	4.0
E846023	5090.0	10.15	11.10	0.19	1.2	0.104	2.72	20.8	10.6	0.47	1715	9.00	0.03	2.8	22.1

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065306

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839705	460	4.9	14.6	0.002	1.45	1.07	1.6	9	1.6	17.2	<0.05	0.39	4.6	0.012	0.40
E839706	30	8.2	0.8	0.003	>10.0	0.93	0.8	80	14.9	16.6	<0.05	3.31	0.5	<0.005	0.09
E839707	1230	20.2	166.0	0.007	0.78	1.96	13.3	24	30.0	34.5	0.42	1.23	19.9	0.127	1.02
E839708	740	91.2	147.5	0.184	0.07	5.24	13.6	16	32.4	38.7	0.85	15.00	27.8	0.242	1.72
E839709	3020	10.4	36.5	0.107	2.01	1.82	2.3	53	27.5	404.0	0.17	27.40	4.0	0.027	0.29
E839710	940	52.3	159.5	0.008	0.16	3.55	10.0	7	76.5	32.9	0.50	2.09	21.6	0.160	1.03
E839711	1320	37.2	140.0	0.236	1.30	4.84	8.9	17	52.5	17.9	0.64	6.40	18.8	0.145	1.13
E839653	1170	6.7	67.4	0.040	8.93	1.19	13.1	7	5.2	44.6	0.52	0.90	10.7	0.135	0.15
E839654	1020	6.8	174.0	0.007	6.79	2.13	10.5	5	16.3	20.0	0.36	0.61	14.4	0.119	0.31
E839655	990	8.0	147.0	0.005	1.75	1.76	15.9	7	7.0	25.8	0.43	1.10	16.9	0.118	0.28
E839656	1620	9.6	2.2	0.002	0.43	1.20	8.7	3	2.7	32.8	0.56	0.90	38.7	0.163	<0.02
E839763	1300	5.0	144.5	0.002	2.23	1.78	25.7	3	19.0	25.7	0.70	0.24	12.8	0.354	1.23
E839764	10	5.8	3.2	<0.002	1.29	0.52	13.6	4	0.8	98.2	<0.05	0.08	0.2	<0.005	0.72
E839765	960	51.6	3.3	0.004	0.83	7.36	2.8	4	0.4	18.3	0.85	0.06	137.5	0.152	1.21
E839766	960	52.8	13.7	0.052	0.11	5.58	4.4	11	4.1	84.6	1.63	0.20	169.5	0.107	0.23
E839767	20	0.9	0.2	<0.002	0.01	<0.05	0.1	3	<0.2	2.0	<0.05	<0.05	0.5	0.005	<0.02
E839768	940	72.7	79.8	3.130	0.70	8.38	5.7	18	3.3	20.7	1.89	0.69	101.5	0.180	1.98
E846251	2760	3.1	131.0	0.023	0.23	0.79	12.2	3	2.8	28.0	0.35	0.07	24.2	0.125	0.46
E846252	430	3.0	146.0	0.002	6.28	0.48	32.0	4	2.5	30.3	0.17	0.42	10.0	0.129	0.22
E846253	590	2.3	180.0	0.028	0.47	0.65	14.3	3	2.1	22.1	0.36	0.09	14.7	0.135	0.40
E846004	300	13.4	224.0	0.002	0.02	0.71	19.2	2	3.2	94.8	0.87	<0.05	16.2	0.254	1.23
E846005	440	6.6	204.0	0.003	0.01	0.53	17.9	2	2.8	87.7	0.51	<0.05	18.8	0.194	1.17
E846006	400	7.8	184.5	<0.002	0.06	0.48	16.1	2	3.2	62.7	1.25	<0.05	17.2	0.334	0.92
E846007	370	8.4	198.5	0.002	0.01	0.46	17.9	2	3.1	75.3	1.10	0.07	20.6	0.226	1.04
E846008	340	3.1	193.5	0.003	0.01	0.38	16.2	2	3.0	95.6	0.93	<0.05	19.6	0.231	1.04
E846009	250	5.8	184.5	<0.002	0.01	0.47	14.2	2	2.9	56.7	0.97	<0.05	14.1	0.250	0.95
E846010	370	13.5	218.0	0.002	0.02	1.37	18.7	3	3.8	61.0	1.41	<0.05	19.9	0.346	1.13
E846011	170	3.3	114.0	<0.002	0.04	0.61	9.9	2	1.7	61.7	0.68	0.05	7.3	0.139	0.56
E846012	310	7.2	183.0	<0.002	0.05	2.08	17.0	2	3.2	138.5	1.11	0.06	13.5	0.268	1.07
E846013	170	8.6	181.5	<0.002	0.10	2.16	16.4	2	3.1	141.5	0.91	<0.05	13.0	0.219	0.94
E846014	140	4.5	57.6	<0.002	0.03	0.91	5.2	3	1.0	25.5	0.32	0.08	7.7	0.102	0.28
E846015	370	9.1	196.0	<0.002	0.01	0.95	20.1	2	3.1	78.8	1.00	0.05	17.9	0.288	1.04
E846016	660	3.2	10.9	<0.002	0.97	0.67	4.0	2	0.7	20.0	0.54	0.12	12.8	0.137	0.06
E846017	770	2.3	142.0	0.002	0.01	1.96	8.8	2	2.5	10.2	0.79	<0.05	16.5	0.238	0.44
E846018	820	1.9	111.0	<0.002	0.07	0.98	14.5	2	3.1	22.7	0.52	0.07	13.9	0.182	0.58
E846019	110	11.3	11.0	<0.002	0.12	0.46	2.5	2	0.8	69.3	0.08	<0.05	6.3	0.022	1.10
E846020	1810	5.1	155.5	0.020	0.47	1.87	10.7	11	11.8	104.0	0.20	0.66	15.9	0.079	2.58
E846021	1460	6.4	55.8	0.011	0.63	0.77	5.7	10	21.4	122.0	0.19	1.82	5.1	0.032	0.37
E846022	210	3.7	3.2	<0.002	0.09	0.94	0.6	2	1.1	49.0	<0.05	<0.05	7.2	0.007	0.27
E846023	380	1.8	94.4	0.002	0.64	0.76	7.0	4	6.7	2450.0	0.15	0.30	6.1	0.057	0.76

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839705		6.8	11	2.2	4.6	7	7.3	1.055	
E839706		5.0	4	1.3	2.2	10	2.6	19.80	
E839707		99.7	58	28.8	25.3	4	57.2	1.120	
E839708		940.0	68	123.5	105.5	5	94.8		
E839709		112.5	31	12.0	28.8	32	15.7		
E839710		740.0	64	28.6	44.0	34	54.9		
E839711		1140.0	54	44.0	32.3	16	62.5	1.225	0.12
E839653		27.7	491	15.3	22.6	16	30.6	2.14	
E839654		10.5	63	16.2	12.8	4	52.1		
E839655		20.6	57	7.3	15.3	12	45.4	2.05	
E839656		122.0	24	11.0	17.2	9	89.4		
E839763		37.5	336	16.7	15.8	9	105.5		
E839764		1.1	45	3.2	20.2	13	0.8		
E839765		470.0	54	59.7	48.4	80	176.5		
E839766		1070.0	79	27.8	94.2	50	97.9		0.12
E839767		1.6	<1	0.1	1.9	2	24.7		
E839768		2120.0	22	15.9	88.1	135	99.1		0.22
E846251		23.0	135	4.6	21.6	8	72.0		
E846252		5.2	59	7.0	13.9	5	36.9		
E846253		17.6	45	2.5	13.8	6	60.8		
E846004		4.0	98	1.8	12.9	85	89.7		
E846005		4.8	95	1.5	22.2	60	95.9		
E846006		3.7	73	2.0	21.4	100	82.1		
E846007		4.7	91	1.8	18.0	56	85.6		
E846008		5.3	84	1.5	14.9	27	99.3		
E846009		2.9	76	1.4	10.4	92	73.8		
E846010		4.5	79	1.6	19.9	99	111.0		
E846011		2.2	50	3.1	7.5	76	57.1		
E846012		4.8	90	1.8	11.5	76	106.0		
E846013		4.0	74	1.5	11.7	95	97.7		
E846014		1.4	24	0.7	3.2	28	37.3		
E846015		4.6	95	1.4	12.3	97	99.5		
E846016		3.8	42	31.5	8.8	7	70.9		
E846017		2.9	66	3.4	8.2	40	54.9		
E846018		2.3	84	3.5	9.1	37	44.1		
E846019		7.8	62	3.0	18.7	19	10.6		
E846020		17.4	68	11.8	15.0	29	62.2		
E846021		15.6	47	10.9	18.7	15	22.4		
E846022		3.2	2	1.3	6.0	11	2.2	1.105	
E846023		8.2	34	17.2	6.4	3	34.6		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846024		0.90	0.423		1.39	3.57	37.4	90	0.69	7.90	8.55	<0.02	440.00	136.5	20	0.71
E839922		0.75	0.031		0.21	6.66	2.3	100	0.80	1.84	4.34	0.02	70.00	7.7	36	0.40
E839923		1.02	0.024		0.14	6.37	1.6	260	0.54	1.01	5.67	0.02	52.20	9.5	33	0.49
E839924		0.87	0.133		1.62	4.82	<0.2	50	0.56	5.33	4.19	0.02	57.40	25.2	23	0.44
E839925		0.81	0.109		0.72	6.35	<0.2	50	1.23	4.36	1.12	<0.02	42.10	41.4	33	1.02
E839926		0.80	0.254		2.65	4.42	3.0	70	0.72	16.90	1.69	0.06	28.50	50.1	167	1.59
E839927		0.71	0.019		0.02	7.16	11.1	90	3.31	0.23	0.35	<0.02	22.40	91.2	233	2.89
E839928		0.76	0.037		0.02	7.06	6.0	110	2.00	0.22	1.15	0.04	113.00	132.5	273	3.05
E839929		0.89	<0.005		<0.01	7.67	3.6	70	1.53	0.15	0.52	0.02	54.80	31.8	480	2.91
E839930		0.83	0.006		0.03	7.16	0.7	60	1.94	0.42	1.39	0.03	19.75	17.5	66	2.33
E839931		0.70	0.013		0.02	7.99	0.9	140	4.28	0.05	1.26	<0.02	21.70	27.6	59	5.36
E839932		0.70	0.007		0.01	1.90	12	130	1.05	0.05	19.85	0.02	70.60	7.8	7	1.43
E839933		1.11	0.030		<0.01	4.39	10	220	0.86	0.25	10.60	0.02	70.70	5.9	4	1.45
E839934		0.80	<0.005		<0.01	5.21	9.3	440	1.38	0.11	5.90	<0.02	131.50	8.6	11	3.30
E839914		0.04	<0.005		0.03	0.06	0.9	20	<0.05	<0.01	0.02	0.02	3.69	0.1	1	0.06
E839727		5.19	0.014		0.14	7.97	8.4	1880	2.32	0.28	0.53	0.02	470.00	43.5	54	1.65
E839728		6.38	0.014		0.09	6.97	5.9	480	1.29	0.08	0.42	<0.02	337.00	52.6	49	1.61
E839729		7.16	0.083		0.29	7.70	10.6	650	1.72	0.41	0.72	0.04	139.00	66.6	57	0.75
E839730		6.68	0.495		1.18	6.62	8.8	1020	1.48	2.47	3.45	<0.02	294.00	36.8	39	2.16
E839731		6.56	0.006		0.03	7.39	2.3	1450	1.49	0.07	3.12	<0.02	39.00	13.2	48	2.34

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846024		>10000	12.50	12.60	0.45	1.1	0.359	2.29	312.0	11.0	2.72	10750	53.30	0.03	14.2	41.8
E839922		>10000	4.28	15.85	0.15	1.5	0.127	0.14	38.8	7.8	1.52	3780	2.20	4.43	9.0	12.6
E839923		>10000	5.04	14.65	0.14	0.9	0.157	0.13	28.2	7.3	1.95	5680	1.22	4.29	6.9	11.6
E839924		>10000	11.00	12.55	0.57	0.8	0.794	0.11	27.2	6.6	1.38	7720	2.77	3.10	4.6	18.6
E839925		>10000	11.35	17.25	0.47	1.6	0.753	0.30	19.5	20.5	2.86	2410	6.86	2.65	4.7	62.1
E839926		>10000	18.30	16.05	0.90	1.1	1.310	0.36	13.8	23.9	2.81	3920	5.34	1.52	4.9	98.3
E839927		551.0	8.50	21.60	0.13	1.0	0.026	0.77	9.1	35.7	4.11	600	0.63	3.25	3.9	114.5
E839928		266.0	7.89	26.40	0.14	1.9	0.035	0.69	25.6	42.8	4.06	1235	1.50	3.04	5.5	112.0
E839929		400.0	8.24	31.80	0.14	1.5	0.039	0.87	25.2	58.1	4.96	808	0.29	3.14	14.4	122.5
E839930		956.0	10.20	30.30	0.15	1.0	0.047	0.30	8.4	35.4	4.18	813	0.72	3.85	2.4	83.1
E839931		50.9	11.90	33.30	0.18	0.9	0.035	1.83	11.1	46.9	5.82	466	0.40	2.78	2.3	98.1
E839932		51.4	10.35	8.58	0.18	1.1	0.061	0.45	38.0	16.6	1.35	2390	1.42	0.68	13.0	17.9
E839933		41.3	3.35	8.81	0.13	2.9	0.029	1.81	38.9	16.4	1.09	1290	0.46	1.84	8.5	8.8
E839934		44.4	6.77	12.95	0.21	2.7	0.023	3.96	70.6	31.0	1.50	764	0.44	1.31	24.4	24.5
E839914		16.7	0.03	0.17	<0.05	1.0	<0.005	0.01	1.7	2.3	0.01	5	0.05	<0.01	0.2	0.9
E839727		420.0	12.85	30.20	0.48	2.4	0.071	1.79	316.0	91.1	2.70	310	13.50	2.05	2.8	63.6
E839728		351.0	16.90	27.90	0.43	2.3	0.037	3.40	211.0	85.8	3.01	298	8.98	0.29	2.0	69.6
E839729		3570.0	14.30	24.00	0.25	1.6	0.083	0.82	95.9	24.8	1.10	437	4.49	4.06	1.3	52.1
E839730		9920.0	11.80	18.20	0.38	2.0	0.102	4.30	197.0	40.5	2.86	2460	46.80	0.19	16.4	59.7
E839731		141.0	5.72	17.90	0.15	2.2	0.056	5.56	25.2	25.1	1.86	2720	1.55	1.38	3.0	15.3

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846024		1760	11.2	74.1	0.070	4.29	3.46	9.7	15	39.0	76.8	0.33	2.40	6.8	0.093	11.70
E839922		820	2.8	12.5	<0.002	0.36	0.51	11.2	10	2.4	27.3	0.70	0.08	12.8	0.233	0.14
E839923		680	2.4	11.8	<0.002	0.37	0.43	13.8	9	2.3	27.2	0.55	<0.05	11.8	0.196	0.07
E839924		590	13.4	9.1	<0.002	1.25	0.90	16.1	80	1.9	19.1	0.35	0.28	8.7	0.108	0.08
E839925		720	10.5	24.9	<0.002	0.54	0.76	30.7	63	1.7	15.2	0.33	0.30	5.7	0.205	0.03
E839926		570	39.6	15.4	<0.002	1.44	1.08	26.3	191	1.8	12.8	0.32	0.41	3.8	0.214	0.04
E839927		720	1.6	21.5	<0.002	0.02	0.29	20.6	4	1.4	9.2	0.29	0.07	3.6	0.251	0.16
E839928		1810	2.3	65.7	<0.002	0.01	0.33	20.6	3	2.4	14.3	0.36	0.14	15.7	0.276	0.15
E839929		940	2.0	36.8	<0.002	0.01	0.50	28.3	2	3.0	9.2	0.80	<0.05	8.0	0.489	0.14
E839930		510	1.6	10.0	<0.002	<0.01	0.30	27.9	2	0.9	13.7	0.19	0.17	1.9	0.390	0.08
E839931		530	1.6	59.4	<0.002	<0.01	0.36	32.4	2	1.3	14.0	0.17	0.07	1.3	0.484	0.23
E839932		4400	2.8	42.0	<0.002	<0.01	0.24	14.9	4	3.0	95.8	0.35	<0.05	6.9	0.123	0.09
E839933		2150	3.4	77.6	<0.002	<0.01	0.29	4.3	2	5.4	64.6	0.58	0.17	16.2	0.232	0.13
E839934		4070	3.1	175.5	<0.002	<0.01	0.35	6.6	3	6.1	45.4	1.26	0.05	31.2	0.253	0.27
E839914		20	2.1	0.5	<0.002	0.01	0.11	0.2	3	<0.2	2.3	<0.05	<0.05	0.5	0.006	<0.02
E839727		1230	8.7	35.4	0.003	0.07	1.63	16.0	4	5.0	47.1	0.30	0.07	34.4	0.076	0.48
E839728		1190	4.8	40.6	0.004	0.05	1.29	7.7	3	2.8	13.6	0.12	0.06	15.2	0.074	0.80
E839729		780	5.3	22.0	0.002	0.59	0.86	3.3	7	1.5	103.5	0.10	0.14	10.5	0.028	0.20
E839730		2210	11.9	107.0	0.017	0.60	1.71	10.0	13	21.0	24.9	0.32	0.94	14.5	0.128	0.70
E839731		720	2.3	134.0	<0.002	0.03	0.97	11.1	2	5.2	31.4	0.25	<0.05	15.0	0.148	0.90

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065306

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846024		35.3	68	31.9	33.1	11	31.4	1.790	
E839922		3.2	50	1.9	13.3	8	43.6	1.155	
E839923		2.5	57	1.8	14.6	9	27.1	2.00	
E839924		2.1	34	1.2	17.6	16	19.7	9.65	
E839925		3.5	113	1.1	11.8	16	35.0	6.23	
E839926		2.8	88	1.3	15.3	25	30.2	9.69	
E839927		1.7	145	1.0	8.5	18	30.1		
E839928		5.2	143	2.1	12.5	26	61.1		
E839929		1.8	200	1.7	9.7	25	44.8		
E839930		1.4	364	0.7	9.0	19	23.9		
E839931		0.8	460	1.1	7.2	18	18.7		
E839932		4.7	136	1.1	67.4	9	33.2		
E839933		9.5	45	2.2	26.5	7	104.5		
E839934		6.6	103	2.9	29.0	10	95.4		
E839914		0.1	<1	0.1	2.1	4	27.6		
E839727		159.0	75	8.6	34.4	121	70.9		
E839728		77.7	124	3.8	20.4	153	63.9		
E839729		37.3	167	3.3	12.6	44	45.3		
E839730		153.5	65	15.3	27.4	63	53.8		
E839731		21.6	69	6.2	11.2	23	62.3		

Comments: Additional Au-AA23 check values for sample E839707 are 0.805 ppm and 0.867 ppm. Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

CERTIFICATE TR07065307

Project: Werneckes

P.O. No.: FRG07-01

This report is for 34 Rock samples submitted to our lab in Terrace, BC, Canada on 26-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07065307

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E839723		6.52	0.058		0.34	6.58	5.3	250	2.84	0.68	0.27	<0.02	>500	43.1	42	11.75
E839724		6.91	0.087		0.24	5.55	20.4	450	1.87	0.36	0.62	<0.02	>500	69.9	37	4.68
E839725		6.65	0.036		0.23	7.14	7.7	3350	1.74	0.17	3.03	<0.02	302.00	59.9	45	2.14
E839726		6.42	0.020		0.10	6.92	13.1	710	2.02	0.19	0.42	<0.02	>500	72.8	51	3.40
E839712		1.14	0.032		0.76	7.55	4.4	190	0.63	0.50	3.79	<0.02	54.90	8.9	42	0.41
E839713		2.02	0.011		0.23	6.37	4.3	450	1.87	0.37	0.34	0.02	104.50	17.7	48	1.51
E839714		1.98	0.008		0.39	5.92	2.9	200	2.35	0.28	0.60	0.03	35.40	19.5	45	1.51
E839715		10.72	0.036		0.17	6.62	7.9	1860	1.36	0.33	0.49	<0.02	>500	49.8	49	1.21
E839716		10.14	0.700		1.96	2.06	10.9	330	0.56	2.58	0.68	0.02	>500	48.8	11	3.23
E839717		7.72	0.017		0.19	7.90	20.6	2140	1.56	0.19	0.26	0.02	428.00	30.1	57	1.86
E839718		10.40	0.064		0.21	7.04	8.1	790	0.73	0.29	0.94	0.05	180.00	45.0	49	1.17
E839719		9.21	0.030		0.18	6.13	6.5	330	1.55	0.19	0.20	0.07	94.40	41.9	52	9.54
E839720		8.33	0.028		0.15	6.95	4.4	270	1.97	0.13	0.20	0.06	82.20	37.4	44	8.10
E839721		9.20	0.025		0.08	7.79	3.4	280	2.04	0.02	0.19	0.02	170.50	34.5	50	3.62
E839722		8.18	0.029		0.12	8.33	4.1	460	1.57	0.05	0.25	0.03	210.00	41.2	47	3.99
E846025		0.84	0.129		0.68	7.72	16.8	1480	2.62	2.41	0.14	0.10	429.00	36.2	53	3.79
E846026		0.78	0.025		0.27	8.74	19.5	470	1.29	0.26	0.60	0.05	>500	64.4	48	1.93
E846027		0.68	0.032		4.92	6.01	7.9	80	0.44	3.60	2.80	0.33	70.90	23.0	38	0.72
E846028		0.34	0.073		5.20	6.55	14.5	70	0.80	0.64	1.67	0.85	>500	60.6	47	0.96
E846029		0.78	0.062		1.59	2.87	209.0	120	0.66	72.50	0.15	0.12	39.50	41.4	24	0.74
E846030		0.73	0.005		0.13	7.01	34.9	270	1.69	0.50	0.24	0.02	137.00	13.9	44	1.88
E846031		0.75	0.124		2.37	5.15	62.3	220	1.36	2.49	0.05	0.02	120.00	10.5	30	0.98
E846032		0.96	0.068		2.36	5.05	93.9	200	1.16	0.81	0.09	0.06	121.00	18.1	35	1.12
E846033		0.76	0.277		7.90	2.55	421.0	100	0.61	3.45	0.03	0.04	42.80	10.9	24	0.49
E846034		1.17	4.03	4.06	27.40	0.81	233.0	40	0.30	19.65	0.12	0.08	31.10	75.0	9	0.20
E846035		4.53	0.018		0.09	7.26	5.6	460	1.81	0.08	0.24	0.03	>500	46.6	49	4.02
E846036		4.18	0.085		0.39	7.83	9.0	460	1.41	0.72	0.48	0.28	>500	58.2	50	6.35
E846037		4.76	0.012		0.11	7.87	7.1	5200	1.28	0.11	0.34	0.04	133.50	59.0	57	2.72
E846038		2.90	0.025		0.20	8.02	6.4	5180	1.87	0.17	0.42	0.07	322.00	39.8	53	1.55
E846039		5.16	0.141		0.23	7.89	8.5	1570	1.33	0.31	0.37	0.13	175.00	60.0	56	2.90
E846040		6.65	0.025		0.16	7.86	8.4	570	1.39	0.08	0.27	0.05	289.00	66.3	55	2.58
E846041		6.31	0.011		0.08	8.01	7.6	1930	2.21	0.07	0.54	0.03	478.00	34.8	55	1.67
E846042		4.61	0.010		0.10	7.78	3.1	1000	1.98	0.06	4.71	0.02	136.00	23.9	49	2.92
E846043		3.92	0.073		0.19	7.32	5.8	2870	1.77	0.27	3.66	0.04	182.00	24.4	47	2.64

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065307

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839723		721.0	14.45	26.10	0.69	2.6	0.066	2.55	470.0	134.0	3.25	280	31.10	0.63	2.4	62.9
E839724		1000.0	18.20	43.80	2.94	2.4	0.079	1.52	2650.0	115.0	2.67	221	24.30	0.27	7.0	74.6
E839725		1410.0	10.90	25.60	0.32	2.2	0.114	4.90	225.0	60.3	3.12	2130	41.60	0.12	2.4	46.7
E839726		447.0	18.95	28.60	0.76	3.3	0.085	1.76	540.0	123.5	4.26	410	6.50	0.02	2.3	94.6
E839712		>10000	7.10	21.80	0.16	1.2	0.158	0.75	36.9	10.7	1.95	2180	7.79	4.82	5.3	18.1
E839713		6860.0	3.70	18.05	0.17	1.7	0.073	4.12	68.0	28.8	0.92	482	2.56	0.14	5.3	26.3
E839714		5810.0	3.28	19.05	0.12	1.7	0.097	2.91	19.7	23.3	0.88	970	1.56	0.09	4.8	26.2
E839715		551.0	17.30	29.00	0.68	2.1	0.070	5.33	520.0	51.8	1.81	433	60.50	0.10	2.4	60.4
E839716		>10000	42.90	34.00	2.04	0.8	0.247	0.68	910.0	33.3	0.92	168	238.00	0.02	7.7	106.0
E839717		341.0	10.50	23.70	0.41	2.0	0.083	7.21	297.0	43.1	1.30	268	8.60	0.07	2.9	41.9
E839718		2540.0	14.45	20.30	0.32	1.8	0.059	3.81	143.0	46.3	2.60	754	16.75	0.60	2.0	53.9
E839719		766.0	18.95	25.20	0.31	1.3	0.060	2.28	65.1	72.3	2.90	315	30.90	0.32	2.6	74.8
E839720		1065.0	15.05	24.30	0.28	1.7	0.059	1.92	50.2	92.5	3.56	319	26.20	0.75	2.3	66.0
E839721		148.0	7.54	25.10	0.27	1.9	0.028	1.38	111.5	112.5	6.60	294	12.80	0.03	3.5	54.6
E839722		135.5	10.25	28.10	0.33	2.7	0.038	0.66	141.5	148.5	8.19	505	13.55	0.29	3.7	65.4
E846025		4360.0	10.95	21.00	0.36	2.4	0.149	4.13	323.0	105.0	1.20	123	47.90	0.07	12.8	31.8
E846026		497.0	15.05	32.50	0.56	3.0	0.048	3.53	426.0	87.8	4.62	361	24.10	0.07	6.8	80.3
E846027		187.0	2.53	13.00	0.20	2.1	0.048	0.50	40.9	9.7	1.04	2250	147.50	4.04	9.2	15.3
E846028		39.4	5.16	18.75	0.88	2.0	0.024	0.17	800.0	22.5	1.26	1780	415.00	3.93	7.2	37.9
E846029		>10000	4.22	7.39	0.13	0.8	0.365	1.27	20.9	5.2	0.41	435	6.04	0.06	1.4	110.5
E846030		2650.0	1.41	17.65	0.21	3.0	0.034	2.95	67.6	8.7	1.18	329	1.83	0.13	7.5	44.3
E846031		>10000	2.22	13.15	0.19	1.7	0.491	2.52	61.5	3.6	0.33	297	4.36	0.05	3.4	71.9
E846032		>10000	2.54	13.10	0.21	2.9	0.195	2.26	59.4	6.1	0.57	507	7.71	0.07	3.4	113.0
E846033		>10000	6.13	7.04	0.17	0.9	0.873	1.11	20.8	3.2	0.97	499	1.08	0.06	1.5	122.5
E846034		>10000	23.00	4.94	0.61	0.7	2.990	0.37	15.2	2.4	0.26	1725	1.46	0.06	0.9	544.0
E846035		305.0	10.50	25.50	0.60	2.2	0.049	1.34	530.0	86.6	3.63	352	10.05	1.96	1.1	51.6
E846036		713.0	22.70	28.10	0.56	2.3	0.053	2.12	510.0	106.0	4.89	339	135.50	0.06	3.3	81.3
E846037		684.0	19.00	23.60	0.27	2.2	0.049	2.47	90.3	88.2	3.81	386	13.00	1.05	1.3	68.4
E846038		1365.0	12.75	27.50	0.34	2.3	0.092	6.10	240.0	49.6	1.96	355	31.80	0.11	3.9	51.2
E846039		1370.0	16.00	23.00	0.31	2.0	0.055	4.02	131.0	69.5	3.41	385	52.20	0.05	1.8	67.7
E846040		261.0	22.20	28.10	0.41	2.5	0.043	2.21	208.0	84.8	4.47	378	22.50	0.05	2.8	100.0
E846041		178.0	10.30	27.10	0.40	2.4	0.083	6.77	353.0	37.2	1.53	457	16.85	0.11	3.1	46.7
E846042		868.0	7.93	23.60	0.25	2.3	0.094	3.95	88.5	31.9	3.75	3240	4.76	1.12	4.6	36.0
E846043		1810.0	8.56	19.00	0.27	2.1	0.132	4.97	130.0	24.6	2.68	2830	19.80	0.18	5.2	41.5

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
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CERTIFICATE OF ANALYSIS TR07065307

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839723		1130	10.4	38.5	0.014	0.04	2.48	4.8	5	2.4	18.7	0.22	0.13	26.1	0.051	0.99
E839724		2750	14.8	42.5	0.015	0.08	2.92	4.9	9	2.3	25.3	0.49	0.29	192.0	0.041	0.52
E839725		780	3.6	137.5	0.004	0.22	1.09	12.5	4	7.5	48.7	0.17	0.17	16.8	0.096	0.97
E839726		1860	6.9	14.0	0.007	0.07	1.29	5.1	4	2.6	13.5	0.22	0.06	32.1	0.079	0.48
E839712		680	1.9	18.0	<0.002	1.92	1.96	9.8	10	2.7	25.8	0.38	0.07	13.0	0.206	0.18
E839713		710	3.2	183.0	<0.002	0.15	1.00	7.9	3	3.1	9.3	0.40	0.09	16.9	0.173	0.45
E839714		640	2.4	200.0	<0.002	0.41	1.25	10.1	3	3.2	6.1	0.35	0.09	14.5	0.161	0.51
E839715		1040	4.5	113.0	0.028	0.09	1.07	12.1	4	5.2	17.4	0.16	0.13	22.6	0.051	1.00
E839716		3590	17.2	23.2	0.214	0.99	1.35	5.9	31	5.4	16.1	0.18	1.73	23.5	0.043	0.27
E839717		930	26.4	204.0	0.003	0.04	2.07	13.4	2	6.6	23.5	0.21	0.05	16.8	0.070	1.55
E839718		1320	7.0	79.8	0.010	0.27	1.22	5.1	3	1.6	17.9	0.13	0.09	19.0	0.040	0.65
E839719		810	7.5	63.2	0.007	0.07	1.52	4.1	2	1.6	12.9	0.14	0.06	21.2	0.043	0.72
E839720		690	5.7	32.4	0.011	0.10	1.59	6.7	1	2.0	19.5	0.14	<0.05	14.2	0.045	0.53
E839721		810	2.9	50.7	0.003	0.06	1.54	8.0	1	4.8	10.9	0.17	<0.05	15.6	0.084	0.16
E839722		1100	4.9	39.7	0.008	0.06	1.60	9.4	1	4.4	15.0	0.27	<0.05	26.0	0.077	0.18
E846025		790	19.1	242.0	0.042	0.39	2.58	14.5	6	37.8	13.2	0.78	0.49	22.5	0.169	1.47
E846026		1270	35.5	38.3	0.011	0.04	3.85	13.2	4	7.7	16.0	0.56	0.11	73.2	0.254	1.01
E846027		720	15.4	20.5	0.014	0.32	2.67	4.7	1	3.2	19.2	0.73	0.63	17.5	0.205	0.50
E846028		940	21.7	5.0	0.058	1.08	6.60	9.0	4	7.0	28.8	0.47	0.37	22.0	0.146	0.76
E846029		170	22.2	58.0	<0.002	0.23	1.01	2.7	2	1.5	3.6	0.10	0.23	6.8	0.049	0.14
E846030		150	3.4	126.0	<0.002	0.01	1.61	8.8	1	4.7	11.5	0.62	<0.05	22.3	0.202	0.34
E846031		100	6.4	106.0	<0.002	0.25	1.61	5.5	2	3.7	2.8	0.28	0.19	20.8	0.121	0.23
E846032		120	4.3	107.5	<0.002	0.11	1.59	4.8	2	3.5	4.3	0.32	0.22	21.7	0.112	0.23
E846033		100	5.0	57.4	<0.002	3.50	29.90	2.9	6	5.3	2.8	0.10	1.08	6.4	0.042	0.10
E846034		100	14.6	36.9	<0.002	>10.0	41.00	4.5	47	7.4	3.3	<0.05	8.49	4.8	0.013	<0.02
E846035		860	3.3	19.1	0.005	0.11	1.00	9.2	1	2.7	29.8	0.10	0.05	28.7	0.039	0.35
E846036		2140	5.7	55.0	0.031	0.09	1.34	9.1	3	4.3	13.9	0.14	0.26	20.2	0.078	0.55
E846037		960	3.3	26.8	0.003	0.16	1.22	6.0	1	2.1	64.6	0.12	<0.05	7.6	0.054	0.56
E846038		850	3.8	170.5	0.002	0.16	0.78	14.2	3	11.1	52.1	0.31	0.11	14.0	0.075	1.25
E846039		1540	6.4	93.3	0.020	0.20	1.08	7.0	3	2.5	19.2	0.13	0.07	15.2	0.049	0.81
E846040		1170	5.8	41.3	0.007	0.06	1.10	12.7	1	4.0	11.2	0.21	<0.05	18.6	0.097	0.48
E846041		1030	4.0	200.0	0.006	0.05	0.85	28.4	1	10.0	22.0	0.26	<0.05	18.1	0.082	1.40
E846042		740	2.6	138.0	0.002	0.09	0.74	16.9	2	9.0	25.5	0.33	<0.05	16.2	0.162	0.61
E846043		970	3.6	191.0	0.002	0.18	0.87	12.6	2	12.3	40.2	0.37	0.22	14.9	0.176	0.62

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065307

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839723		100.5	80	6.6	32.5	163	71.7		
E839724		289.0	110	9.1	123.0	139	58.2		
E839725		22.8	74	7.2	18.0	88	64.8		
E839726		134.5	74	4.6	34.8	244	90.1		
E839712		7.2	104	2.5	11.7	15	31.3	2.07	
E839713		13.5	55	4.8	9.1	28	45.2		
E839714		3.7	59	4.2	8.1	13	45.6		
E839715		30.8	100	4.9	28.1	74	60.1		
E839716		67.6	180	8.3	36.1	46	19.7	1.185	
E839717		12.7	78	8.7	17.8	45	62.5		
E839718		105.0	145	6.3	21.0	92	55.8		
E839719		156.0	265	7.7	20.1	116	40.7		
E839720		129.0	166	6.7	15.9	126	55.8		
E839721		65.8	108	6.2	12.0	54	56.6		
E839722		147.5	104	8.7	20.0	98	80.1		
E846025		550.0	74	34.5	20.2	17	73.1		
E846026		1250.0	58	9.5	71.6	206	88.1		0.12
E846027		148.5	71	25.2	18.5	13	66.4		
E846028		281.0	50	49.0	26.9	26	62.5		
E846029		20.7	18	1.5	4.1	39	24.4	1.110	
E846030		8.8	52	4.5	12.9	9	89.6		
E846031		17.0	37	2.5	6.7	17	52.6	1.660	
E846032		15.4	34	2.9	10.7	11	85.7	1.510	
E846033		3.5	18	1.9	11.2	13	24.7	4.04	
E846034		10.9	7	1.1	10.2	60	29.9	9.91	
E846035		42.4	65	3.5	23.4	129	64.0		
E846036		68.2	99	6.2	27.0	186	67.0		
E846037		59.3	75	3.3	15.1	173	69.1		
E846038		45.1	74	8.7	19.0	76	71.8		
E846039		66.5	91	5.3	17.1	133	56.0		
E846040		104.5	138	4.1	22.7	185	75.9		
E846041		21.8	98	8.0	18.7	40	74.0		
E846042		15.8	72	8.7	15.5	45	66.7		
E846043		24.7	75	25.7	17.5	26	63.6		

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

CERTIFICATE TR07065308

Project: Werneckes

P.O. No.: FRG07-01

This report is for 95 Drill Core samples submitted to our lab in Terrace, BC, Canada on 26-JUN-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844620		6.90	<0.005		0.06	7.51	7.6	40	1.29	3.50	5.05	<0.02	57.10	74.9	50	0.26
E844621		6.98	0.006		0.05	7.48	4.5	30	1.21	1.46	7.19	<0.02	47.00	37.7	45	0.30
E844622		7.23	<0.005		0.05	7.16	4.6	100	1.58	0.18	8.49	0.02	87.70	67.3	19	0.82
E844623		6.93	0.005		0.05	6.68	2.3	50	2.40	0.13	9.79	0.02	16.65	100.5	23	0.36
E844624		6.75	0.005		0.04	4.32	<5	40	1.00	0.24	10.55	0.02	19.75	100.5	23	0.36
E844625		6.85	<0.005		0.04	5.89	2.2	60	1.51	0.02	8.25	<0.02	19.10	18.1	37	0.42
E844626		6.26	<0.005		0.03	4.61	<5	110	2.55	0.05	10.80	<0.02	57.20	30.2	24	0.38
E844627		6.01	<0.005		0.03	5.57	1.1	70	0.70	0.05	5.83	<0.02	11.00	14.7	23	0.37
E844628		6.03	<0.005		0.04	5.31	1.4	70	1.29	0.06	7.40	0.02	43.90	27.2	23	0.49
E844629		6.67	0.005		0.03	4.89	<5	70	1.70	0.06	10.15	<0.02	80.40	35.7	24	0.46
E844630		6.96	<0.005		0.02	5.26	1.9	80	1.05	0.03	9.60	<0.02	62.10	18.2	28	0.53
E844631		4.81	<0.005		0.02	5.83	1.3	50	1.12	0.01	9.18	<0.02	45.10	18.6	30	0.33
E844632		2.67	<0.005		0.03	5.61	1.5	60	2.82	0.06	8.25	<0.02	118.00	29.3	25	0.42
E844633		0.05	<0.005		0.01	0.04	0.3	10	<0.05	<0.01	0.02	<0.02	2.88	0.1	1	<0.05
E844634		5.87	<0.005		0.03	5.79	2.3	70	1.28	0.02	8.54	<0.02	31.90	29.3	27	0.46
E844635		5.53	<0.005		0.02	7.72	1.3	40	1.67	0.01	1.26	<0.02	32.10	5.6	28	0.30
E844636		6.31	0.012		0.04	6.58	6.2	170	1.03	0.90	5.27	<0.02	28.60	87.3	28	1.01
E844637		3.40	0.044		0.04	5.62	11.9	60	2.13	3.52	9.70	<0.02	12.30	328.0	18	0.33
E844638		3.88	0.051		0.06	5.58	13.8	60	2.08	4.61	9.86	<0.02	12.95	420.0	17	0.33
E844639		6.79	<0.005		0.08	4.21	<5	100	3.70	0.20	14.75	<0.02	27.30	23.0	20	0.47
E844640		5.61	0.008		0.18	3.92	<5	90	5.04	0.21	12.50	<0.02	31.30	28.1	25	0.55
E844641		7.38	0.010		0.06	5.69	2.7	90	2.92	0.14	8.78	<0.02	67.10	30.1	28	0.58
E844642		0.06	0.005		0.59	7.44	5.4	370	86.00	0.50	2.53	0.29	56.10	21.6	106	0.56
E844643		7.42	0.006		0.09	5.81	2.4	150	2.55	0.14	8.16	<0.02	29.00	24.9	27	0.97
E844644		7.75	<0.005		0.04	6.02	1.5	80	0.72	0.06	6.74	<0.02	45.00	20.9	24	0.60
E844645		7.29	<0.005		0.07	7.06	1.8	90	0.65	0.10	5.19	0.04	24.50	22.3	34	0.59
E844646		3.46	<0.005		0.13	6.00	1.9	120	1.05	0.03	9.38	0.02	36.50	30.5	28	0.83
E844647		7.64	<0.005		0.10	5.26	2.5	90	1.25	0.12	9.95	<0.02	79.30	23.9	25	0.56
E844648		7.26	0.006		0.06	6.48	2.7	120	1.71	0.07	7.52	<0.02	248.00	12.5	53	0.81
E844649		5.98	<0.005		0.07	4.97	2.7	80	0.49	0.10	9.69	<0.02	251.00	13.9	25	0.55
E844650		6.86	<0.005		0.03	4.07	<5	80	0.49	0.05	15.30	<0.02	191.50	10.3	16	0.56
E844651		6.90	<0.005		0.03	4.96	2.7	100	1.07	0.15	8.95	<0.02	68.30	54.7	26	0.72
E844652		7.48	0.012		0.11	4.09	9	80	0.44	0.11	12.35	<0.02	77.00	45.5	20	0.50
E844653		7.59	0.006		0.12	4.44	11	90	1.73	0.22	10.80	<0.02	47.50	36.2	18	0.58
E844654		7.45	0.021		0.06	6.34	2.0	100	0.57	0.22	4.12	<0.02	6.39	46.3	30	0.70
E844655		7.40	0.006		0.06	4.82	2.2	70	1.70	0.23	8.89	<0.02	37.80	45.2	26	0.50
E844656		7.30	0.017		0.10	5.53	2.2	60	0.51	0.27	7.20	<0.02	44.40	59.5	23	0.43
E844657		7.23	0.043		0.08	6.13	2.0	70	0.69	1.00	6.06	<0.02	70.60	36.0	14	0.55
E844658		7.14	0.021		0.06	6.99	2.0	80	0.70	0.23	6.90	<0.02	115.00	20.9	23	0.70
E844659		6.84	<0.005		0.08	8.15	1.9	50	0.57	0.06	2.94	<0.02	29.20	10.9	55	0.37

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E844620		250.0	11.40	22.70	0.18	1.9	0.212	0.16	28.7	14.5	3.36	1325	6.44	4.01	11.2	61.8
E844621		92.4	7.92	17.95	0.17	1.7	0.093	0.08	27.4	11.5	2.06	1245	5.64	4.72	8.9	37.9
E844622		7.2	6.04	18.30	0.19	1.5	0.032	0.52	47.6	11.6	0.88	1735	1.72	4.30	8.3	35.8
E844623		6.4	5.32	13.85	0.13	1.3	0.017	0.20	8.2	1.6	0.10	1420	4.55	4.86	5.3	27.3
E844624		7.0	3.95	9.76	0.10	1.1	0.025	0.20	10.3	2.1	0.15	1450	2.43	3.03	3.9	50.3
E844625		33.0	7.17	13.50	0.15	0.8	0.023	0.31	10.2	3.1	0.20	1605	0.56	3.99	4.7	7.6
E844626		20.7	3.55	9.53	0.13	1.1	0.024	0.27	30.0	3.8	0.27	1860	1.21	2.96	2.8	13.6
E844627		20.3	1.01	10.40	0.09	1.3	0.014	0.21	5.5	2.8	0.17	1055	0.36	3.93	2.9	7.9
E844628		44.2	2.59	11.10	0.13	1.1	0.020	0.30	22.8	3.9	0.26	1490	0.87	3.51	2.9	10.7
E844629		7.5	5.15	10.35	0.15	0.7	0.028	0.37	42.6	5.4	0.39	2280	1.09	2.96	2.2	15.3
E844630		31.3	4.65	11.40	0.14	0.8	0.025	0.41	33.6	3.5	0.24	1870	4.30	3.33	2.9	7.7
E844631		49.7	4.42	12.40	0.12	0.7	0.020	0.25	24.1	2.4	0.17	1670	1.06	3.99	2.8	8.1
E844632		761.0	3.96	11.80	0.20	0.8	0.034	0.37	61.2	1.8	0.12	1510	1.15	3.78	3.0	9.0
E844633		2.2	0.02	0.19	0.07	0.9	<0.005	<0.01	1.7	2.3	<0.01	5	0.06	0.01	0.2	0.4
E844634		28.0	5.28	12.15	0.13	0.8	0.024	0.39	17.7	2.8	0.17	1655	1.85	3.80	3.3	9.1
E844635		22.7	0.53	18.90	0.09	1.2	0.008	0.17	16.9	0.7	0.03	287	4.59	6.64	8.3	2.4
E844636		3.7	1.13	16.65	0.13	1.0	0.041	0.88	14.6	6.8	0.51	1545	38.30	3.85	3.9	9.8
E844637		6.2	2.58	13.00	0.10	0.8	0.020	0.25	5.7	2.4	0.48	1960	4.53	3.82	1.6	11.0
E844638		5.8	2.69	12.95	0.11	0.8	0.019	0.25	6.0	2.3	0.47	1965	6.50	3.83	1.6	12.9
E844639		1900.0	6.37	8.94	0.13	0.7	0.051	0.38	13.0	5.8	0.39	2250	1.07	2.08	2.9	8.0
E844640		2490.0	8.27	9.22	0.16	0.9	0.068	0.50	15.4	3.0	0.25	2220	1.20	2.25	2.8	8.3
E844641		2300.0	6.61	12.30	0.16	0.9	0.057	0.53	36.0	4.4	0.34	2050	2.12	3.46	3.3	10.4
E844642		70.6	5.04	20.70	0.17	4.4	0.052	0.62	27.7	15.8	1.32	573	39.70	4.23	8.7	186.5
E844643		1500.0	8.99	14.25	0.18	0.7	0.068	0.96	15.7	11.1	0.75	2730	1.41	2.61	4.0	11.9
E844644		766.0	8.02	13.90	0.15	0.7	0.041	0.49	24.5	11.8	0.69	2350	0.74	3.44	2.5	11.4
E844645		1280.0	6.70	17.10	0.14	0.9	0.051	0.54	12.7	10.9	0.61	2040	0.49	4.73	3.3	8.9
E844646		66.8	5.33	13.85	0.12	0.7	0.042	0.78	19.9	6.3	0.39	2680	0.76	3.29	2.2	10.3
E844647		159.0	5.76	13.10	0.17	0.6	0.035	0.52	40.7	6.7	0.36	2360	0.74	3.08	2.3	9.6
E844648		106.0	6.19	19.05	0.30	1.2	0.045	0.75	130.0	13.3	0.75	2130	3.68	3.53	3.0	19.8
E844649		62.4	6.81	13.55	0.27	0.8	0.034	0.44	126.5	11.0	0.56	2010	0.92	2.81	3.5	11.0
E844650		298.0	5.94	10.70	0.25	0.6	0.044	0.43	94.9	17.4	0.90	2970	0.44	1.83	2.2	12.5
E844651		289.0	6.30	11.45	0.22	1.0	0.037	0.59	38.4	5.2	0.34	1720	1.98	2.80	3.6	13.6
E844652		1230.0	5.86	10.60	0.14	0.8	0.045	0.45	40.0	7.6	0.71	2260	3.11	2.25	3.7	15.5
E844653		2080.0	6.25	11.50	0.11	0.6	0.068	0.55	24.4	8.7	0.46	1990	1.04	2.33	3.5	12.9
E844654		470.0	7.40	14.90	0.09	0.7	0.048	0.55	3.2	17.7	0.81	1525	1.79	3.43	4.3	19.0
E844655		1030.0	8.38	12.55	0.14	0.9	0.042	0.39	18.9	12.8	0.66	1790	15.20	2.69	5.0	13.1
E844656		2930.0	6.53	14.35	0.12	0.7	0.061	0.25	22.3	13.1	0.96	1875	1.28	3.35	3.3	15.2
E844657		1810.0	6.40	15.70	0.15	1.5	0.052	0.36	35.4	12.9	0.74	1905	13.40	3.76	4.1	17.0
E844658		460.0	4.98	20.10	0.16	1.0	0.036	0.45	55.2	20.6	1.31	1800	1.17	4.01	3.4	33.5
E844659		745.0	4.98	20.20	0.11	1.2	0.025	0.23	14.0	8.7	0.44	767	0.19	6.37	3.7	8.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844620		940	2.3	3.8	0.011	0.36	1.63	41.5	3	2.0	150.0	0.75	0.08	3.8	1.155	0.03
E844621		880	2.2	2.8	0.004	0.15	1.28	32.7	2	2.2	73.5	0.61	0.12	4.9	0.761	0.02
E844622		1020	2.5	29.5	0.002	0.38	1.48	18.4	2	2.5	46.3	0.61	0.09	11.6	0.410	0.09
E844623		680	2.1	10.3	0.003	0.53	0.76	14.9	2	1.3	55.7	0.32	0.08	5.1	0.305	0.03
E844624		630	2.5	11.2	0.002	0.71	0.47	11.7	2	0.8	58.0	0.28	0.13	7.6	0.144	0.04
E844625		540	1.8	18.7	<0.002	0.10	0.61	11.8	1	1.7	44.0	0.49	0.05	11.0	0.190	0.04
E844626		460	1.9	14.7	<0.002	0.18	0.51	11.4	1	1.2	66.5	0.26	0.05	11.0	0.115	0.05
E844627		420	3.3	10.9	<0.002	0.09	1.00	8.0	1	0.9	52.7	0.23	<0.05	13.8	0.085	0.04
E844628		490	3.5	18.8	<0.002	0.15	0.63	7.8	1	1.2	59.5	0.24	0.05	11.7	0.108	0.05
E844629		480	1.6	21.4	<0.002	0.24	0.43	11.1	1	1.2	62.6	0.22	0.05	8.7	0.110	0.05
E844630		500	1.9	23.1	0.003	0.10	0.66	10.4	1	1.4	61.7	0.27	<0.05	10.6	0.149	0.06
E844631		570	1.7	13.2	<0.002	0.11	0.49	6.8	1	1.2	66.7	0.26	<0.05	11.1	0.150	0.03
E844632		480	1.7	21.0	<0.002	0.23	0.43	8.0	2	1.1	52.8	0.27	0.05	10.2	0.116	0.06
E844633		20	1.0	0.5	<0.002	0.01	<0.05	0.3	1	<0.2	2.2	<0.05	<0.05	0.4	0.006	<0.02
E844634		590	1.7	21.8	0.003	0.16	0.46	8.3	1	1.3	50.6	0.31	0.05	10.5	0.148	0.05
E844635		800	3.4	9.6	<0.002	0.03	0.81	1.7	1	1.5	24.5	0.57	0.05	17.5	0.151	0.03
E844636		980	2.8	44.9	0.006	0.37	0.62	7.7	1	1.1	40.2	0.28	0.57	13.6	0.102	0.53
E844637		670	4.2	13.5	0.007	1.30	0.40	14.6	2	0.7	62.4	0.14	1.84	10.9	0.059	0.47
E844638		690	5.1	13.3	0.009	1.66	0.39	14.7	3	0.7	65.4	0.13	2.42	10.7	0.056	0.57
E844639		470	1.7	21.2	<0.002	0.28	0.40	22.6	2	1.4	67.0	0.32	0.10	7.5	0.129	0.06
E844640		550	2.0	27.9	0.002	0.37	0.46	20.2	3	2.0	63.2	0.36	0.11	9.8	0.146	0.08
E844641		580	2.0	29.3	0.002	0.39	0.51	8.7	2	1.4	53.7	0.34	0.10	9.4	0.151	0.08
E844642		650	535.0	21.5	0.062	0.19	0.21	15.5	4	5.1	200.0	1.01	0.13	12.9	0.359	0.14
E844643		570	2.1	59.1	0.002	0.21	0.51	12.2	1	2.1	44.6	0.41	0.08	9.8	0.153	0.15
E844644		540	1.7	31.5	<0.002	0.17	0.46	9.3	1	1.6	40.7	0.32	0.05	9.8	0.141	0.07
E844645		540	2.5	26.1	<0.002	0.25	0.70	8.3	1	1.6	37.4	0.40	<0.05	10.7	0.171	0.08
E844646		590	1.9	46.5	<0.002	0.15	0.48	12.7	1	1.1	56.2	0.21	<0.05	10.7	0.126	0.12
E844647		570	2.5	38.1	<0.002	0.14	0.53	11.2	2	1.3	57.6	0.28	<0.05	10.9	0.122	0.14
E844648		700	2.9	51.3	0.011	0.10	0.69	11.1	2	1.9	51.3	0.30	0.06	11.8	0.133	0.14
E844649		610	2.4	29.3	<0.002	0.08	0.64	17.3	2	1.6	48.6	0.37	0.06	9.9	0.141	0.07
E844650		410	2.1	28.8	<0.002	0.07	0.47	29.8	2	1.2	66.1	0.27	<0.05	7.5	0.100	0.08
E844651		630	1.0	40.3	0.004	2.34	0.69	7.9	2	1.9	139.5	0.32	0.09	8.9	0.178	0.12
E844652		540	2.2	31.7	0.003	3.16	0.50	14.7	3	1.5	185.0	0.32	0.08	8.6	0.130	0.09
E844653		490	1.7	38.4	<0.002	3.38	0.56	8.4	3	1.5	181.0	0.35	0.09	9.0	0.118	0.10
E844654		620	2.5	38.3	0.002	1.53	0.78	5.6	2	1.2	105.5	0.43	0.06	11.8	0.134	0.11
E844655		630	2.4	27.5	0.010	3.77	0.63	7.9	4	1.8	213.0	0.45	0.12	10.1	0.167	0.09
E844656		540	4.2	17.4	<0.002	3.48	0.64	8.3	3	1.4	191.5	0.36	0.12	10.3	0.119	0.06
E844657		770	5.3	27.9	0.017	0.65	0.99	12.9	4	1.9	65.5	0.32	0.57	7.6	0.344	0.09
E844658		780	9.6	33.8	<0.002	0.46	0.92	18.1	2	2.1	71.4	0.31	0.16	13.2	0.251	0.09
E844659		980	2.3	13.3	<0.002	0.64	0.56	5.5	2	1.5	62.0	0.36	<0.05	17.1	0.151	0.05

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E844620		2.7	437	1.9	34.6	62	59.3	
E844621		2.2	292	2.4	27.2	38	52.4	
E844622		4.0	181	7.4	28.8	19	58.0	
E844623		1.9	110	2.8	29.3	9	44.4	
E844624		4.4	63	1.7	16.1	10	37.3	
E844625		3.0	95	1.5	18.3	5	26.8	
E844626		2.7	48	1.2	27.8	8	31.8	
E844627		7.6	19	1.0	11.9	8	43.6	
E844628		9.4	38	1.3	10.9	10	29.4	
E844629		2.3	62	1.5	16.6	9	19.4	
E844630		2.4	65	1.1	10.3	7	26.2	
E844631		3.2	64	1.2	10.3	5	18.4	
E844632		4.8	53	1.5	24.1	4	23.1	
E844633		0.3	<1	<0.1	2.0	5	31.5	
E844634		3.0	75	1.7	11.9	4	29.0	
E844635		7.6	10	2.9	10.2	3	41.1	
E844636		2.6	13	1.7	6.2	6	34.2	
E844637		11.3	24	1.1	20.4	5	23.5	
E844638		13.0	22	1.1	22.4	5	27.6	
E844639		2.0	75	1.9	56.9	7	25.2	
E844640		2.3	108	2.7	46.7	5	28.6	
E844641		2.5	80	1.9	23.1	8	28.4	
E844642		1700.0	705	3.5	19.0	89	191.0	0.17
E844643		2.9	98	1.7	19.5	12	21.0	
E844644		1.8	89	1.5	8.7	12	20.5	
E844645		2.3	86	1.2	6.9	13	34.2	
E844646		1.7	69	0.9	14.7	8	21.0	
E844647		2.5	74	1.2	17.7	8	18.4	
E844648		12.0	82	3.5	17.9	13	41.4	
E844649		2.1	84	2.4	26.3	12	22.1	
E844650		1.0	63	1.7	49.9	18	19.4	
E844651		4.0	79	3.0	10.3	8	29.0	
E844652		4.7	68	2.0	15.0	9	28.6	
E844653		2.8	62	1.9	19.5	8	21.3	
E844654		2.9	76	1.7	4.8	19	19.4	
E844655		5.0	87	2.5	16.3	13	30.4	
E844656		10.8	66	1.5	6.0	17	23.9	
E844657		30.6	177	5.5	12.6	17	46.5	
E844658		60.4	137	6.1	14.8	19	28.4	
E844659		3.6	75	1.3	4.9	9	39.2	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844660		6.48	<0.005		0.06	7.42	1.8	180	1.10	0.06	3.53	<0.02	27.10	13.9	45	1.45
E844661		3.82	<0.005		0.07	6.80	1.8	80	1.76	0.08	7.61	<0.02	23.00	10.6	36	0.63
E844662		3.83	<0.005		0.09	6.67	1.4	80	0.86	0.08	8.89	<0.02	20.10	11.2	36	0.61
E844663		6.96	0.009		0.04	2.08	<5	30	0.90	0.04	29.10	0.02	69.70	4.6	8	0.36
E844664		5.49	0.005		0.06	3.65	5	50	2.57	0.16	12.05	<0.02	54.70	46.2	22	0.37
E844665		7.52	0.014		0.16	5.30	2.6	70	1.12	0.24	7.64	<0.02	21.50	34.7	30	0.53
E844666		8.49	<0.005		0.07	6.03	1.5	70	0.50	0.13	4.51	0.04	23.00	40.1	27	0.42
E844667		7.82	<0.005		0.05	5.40	2.0	50	0.88	0.07	4.81	<0.02	16.45	33.5	28	0.33
E844668		7.35	0.005		0.07	4.69	2.5	50	2.00	0.18	8.64	0.02	25.60	46.6	31	0.41
E844669		8.11	0.005		0.05	4.49	8	30	2.81	0.11	13.75	<0.02	42.50	23.7	18	0.22
E844670		6.03	<0.005		0.07	6.59	4.3	50	1.24	0.08	9.69	<0.02	133.50	10.8	30	0.54
E844671		6.65	<0.005		0.06	6.24	4.0	60	0.94	0.06	9.98	<0.02	232.00	15.0	17	0.49
E844672		4.00	<0.005		0.12	6.94	6.6	60	1.18	0.12	8.57	<0.02	113.50	21.7	8	0.55
E844673		10.03	<0.005		0.07	5.16	9	50	1.49	0.08	11.35	<0.02	57.30	18.0	25	0.48
E844674		7.52	<0.005		0.06	5.85	<5	50	1.80	0.11	10.50	<0.02	35.40	20.3	27	0.37
E844675		0.05	<0.005		0.02	0.04	0.3	10	<0.05	<0.01	0.01	<0.02	2.82	0.1	1	<0.05
E844676		7.65	<0.005		0.05	6.35	3.0	20	0.59	0.08	9.78	0.02	83.90	34.8	43	0.17
E844677		7.61	<0.005		0.06	6.83	4.2	30	0.73	0.14	7.29	<0.02	95.50	127.5	30	0.26
E844678		7.32	<0.005		0.05	6.00	2.6	70	1.50	0.11	7.59	<0.02	27.00	38.8	32	0.49
E844679		7.23	<0.005		0.06	4.54	3.6	50	2.29	0.11	9.71	<0.02	43.30	60.9	26	0.38
E844680		7.28	<0.005		0.04	4.45	<5	90	1.92	0.11	11.50	<0.02	50.10	92.0	23	0.51
E844681		3.25	<0.005		0.05	3.37	11	70	0.41	0.17	10.90	<0.02	42.40	53.8	26	0.46
E844682		0.07	0.842		35.30	4.28	1100.0	490	0.58	29.50	6.52	<0.02	24.60	40.0	261	1.18
E844683		4.15	0.005		0.07	4.80	8	70	0.59	0.12	10.30	0.02	139.00	44.3	26	0.43
E844684		7.57	0.005		0.08	5.42	3.9	50	0.94	0.16	6.24	0.02	285.00	77.1	59	0.46
E844685		7.89	<0.005		0.04	5.52	9	190	1.30	0.24	10.05	<0.02	155.50	88.5	27	1.28
E844686		7.25	0.005		0.05	4.96	5	150	3.22	0.42	11.10	0.02	29.80	143.5	26	1.05
E844687		6.98	<0.005		0.06	5.50	<5	110	1.19	0.07	12.80	0.02	64.50	18.7	22	0.78
E844688		7.04	<0.005		0.06	6.69	1.4	270	2.27	0.06	4.34	0.02	99.00	13.0	39	2.00
E844689		4.58	<0.005		0.06	6.63	1.0	200	1.93	0.06	4.58	<0.02	36.20	11.5	38	1.49
E844690		4.20	<0.005		0.10	6.66	0.9	240	2.06	0.06	4.52	<0.02	32.00	13.0	41	1.80
E844691		6.01	<0.005		0.04	5.35	9	50	0.82	0.04	13.25	<0.02	48.50	11.5	23	0.28
E844692		4.98	<0.005		0.04	5.90	<5	60	0.78	0.04	11.85	<0.02	41.20	7.0	25	0.33
E844693		6.14	<0.005		0.06	0.57	<5	30	1.43	0.03	33.70	0.02	59.80	2.8	2	0.34
E844694		3.22	<0.005		0.06	5.41	<5	320	1.56	0.04	14.70	<0.02	78.40	2.8	18	2.29
E844695		7.03	0.005		0.07	5.98	8	140	0.83	0.09	17.15	<0.02	123.00	4.7	16	1.10
E844696		7.47	<0.005		0.05	6.65	<5	50	1.67	0.13	10.95	<0.02	27.00	27.2	22	0.41
E844697		0.04	<0.005		0.01	0.04	<0.2	10	<0.05	0.01	0.01	0.02	2.94	0.1	1	<0.05
E844698		7.06	0.005		0.07	6.14	<5	60	1.63	0.11	11.70	<0.02	34.70	34.1	21	0.43
E844699		7.62	<0.005		0.06	6.31	<5	80	1.64	0.08	12.30	<0.02	55.50	12.4	25	0.68

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844660		659.0	5.34	20.70	0.11	1.1	0.071	1.36	12.7	16.1	0.79	1130	0.27	3.77	3.3	10.8
E844661		724.0	6.18	17.25	0.11	0.9	0.043	0.51	10.9	7.3	0.41	1115	0.13	4.48	4.0	8.6
E844662		762.0	6.38	16.15	0.09	0.9	0.043	0.52	9.5	6.7	0.39	1200	0.09	4.29	3.9	8.1
E844663		682.0	1.59	5.10	0.13	0.4	0.059	0.13	30.5	2.6	0.30	2510	0.09	1.35	1.5	4.0
E844664		943.0	6.28	9.37	0.12	0.7	0.034	0.35	27.8	5.5	0.36	1260	0.73	2.12	2.9	14.1
E844665		5240.0	8.03	12.90	0.08	0.7	0.092	0.50	10.2	11.5	0.69	1235	0.97	2.89	3.9	12.0
E844666		1010.0	3.83	15.30	0.06	0.7	0.052	0.36	10.7	8.2	0.48	1020	0.26	3.79	2.7	10.9
E844667		277.0	5.05	13.40	0.06	0.7	0.029	0.25	8.0	9.4	0.56	960	1.24	3.38	2.1	8.9
E844668		1720.0	7.14	11.95	0.08	0.7	0.047	0.32	12.6	8.8	0.66	1335	0.43	2.78	2.9	13.4
E844669		942.0	5.73	11.10	0.10	0.7	0.033	0.17	21.2	3.2	0.28	1345	1.74	3.09	2.7	7.7
E844670		78.7	6.27	18.20	0.18	2.0	0.043	0.26	61.7	15.3	1.25	1550	2.86	3.86	9.1	36.3
E844671		50.5	1.96	16.60	0.20	1.6	0.030	0.36	121.5	3.8	0.23	1395	14.15	4.19	11.4	8.8
E844672		37.5	5.00	22.10	0.14	3.0	0.038	0.38	57.7	6.4	0.39	1640	7.21	4.69	21.0	16.3
E844673		546.0	6.12	10.80	0.21	1.0	0.046	0.39	31.8	2.8	0.21	1790	2.08	3.31	5.6	6.7
E844674		1020.0	6.57	12.60	0.09	0.9	0.040	0.35	18.2	2.4	0.15	1385	0.80	3.91	4.6	5.9
E844675		1.7	0.02	0.13	<0.05	0.9	<0.005	<0.01	1.6	2.2	<0.01	<5	<0.05	<0.01	0.1	0.7
E844676		490.0	7.61	13.10	0.11	1.1	0.025	0.11	43.5	1.1	0.08	1315	1.34	4.63	5.5	10.4
E844677		72.9	4.84	16.35	0.13	1.3	0.020	0.19	50.5	1.0	0.06	1255	1.26	5.16	5.3	21.1
E844678		594.0	7.56	14.55	0.09	1.0	0.040	0.46	14.2	6.6	0.34	1380	0.96	3.72	4.3	11.1
E844679		778.0	6.80	10.55	0.09	0.9	0.038	0.34	23.0	9.3	0.48	1570	1.44	2.71	4.4	14.4
E844680		101.5	5.85	10.65	0.09	0.9	0.041	0.57	26.8	5.9	0.31	1965	0.89	2.47	4.0	23.0
E844681		741.0	7.87	8.23	0.09	1.2	0.047	0.45	21.7	5.9	0.28	1405	0.42	1.83	3.4	14.2
E844682		4340.0	4.08	13.70	0.07	0.7	0.217	1.39	17.4	14.6	0.82	1720	714.00	0.65	1.7	20.3
E844683		669.0	7.70	10.65	0.17	1.1	0.037	0.43	70.8	5.5	0.29	1345	0.62	2.93	5.0	11.4
E844684		61.2	9.54	15.95	0.30	0.9	0.030	0.33	148.5	23.0	1.47	1410	2.31	2.57	5.3	47.2
E844685		72.6	9.17	14.25	0.22	1.1	0.071	1.32	80.9	7.4	0.39	1710	6.69	2.25	4.7	17.1
E844686		75.4	8.23	12.55	0.11	1.1	0.058	1.02	14.8	7.8	0.51	1780	1.65	2.14	4.3	30.5
E844687		756.0	3.54	13.60	0.10	0.8	0.072	0.82	32.7	15.9	1.12	2710	0.56	2.40	4.1	22.3
E844688		338.0	4.72	20.10	0.14	1.2	0.110	2.16	47.1	35.2	2.18	1085	0.50	1.13	5.3	56.4
E844689		392.0	4.20	18.70	0.09	0.9	0.080	1.49	17.7	26.2	1.58	867	0.22	2.26	5.2	47.7
E844690		448.0	4.11	18.75	0.09	1.0	0.090	1.73	15.6	27.2	1.59	815	0.21	1.96	5.8	50.0
E844691		154.0	2.98	13.10	0.06	0.9	0.029	0.26	24.5	2.7	0.37	2280	0.59	3.67	3.4	5.4
E844692		317.0	3.15	14.40	0.08	0.8	0.037	0.31	20.0	2.8	0.24	1780	0.33	3.98	3.3	2.6
E844693		5.5	0.72	1.79	0.13	0.2	0.054	0.17	24.8	1.1	0.18	1790	0.13	0.23	0.4	1.8
E844694		39.6	1.95	11.95	0.12	1.3	0.145	2.59	39.1	11.2	0.47	2300	0.18	0.71	5.0	5.7
E844695		178.0	2.00	13.35	0.16	1.8	0.106	1.13	59.5	7.0	0.40	2320	0.20	2.92	6.2	10.0
E844696		141.5	4.70	15.65	0.09	1.3	0.043	0.38	13.4	5.5	0.33	2040	0.93	4.58	4.7	11.2
E844697		1.0	0.02	0.12	<0.05	1.0	<0.005	<0.01	1.6	2.0	<0.01	<5	0.06	<0.01	0.2	0.5
E844698		1430.0	5.03	13.75	0.09	1.1	0.069	0.42	17.6	2.5	0.15	1525	9.39	4.15	4.5	7.7
E844699		140.0	5.80	14.55	0.10	1.3	0.055	0.70	28.3	3.1	0.17	1750	2.51	3.93	5.6	5.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844660		820	2.3	103.0	<0.002	0.64	0.80	8.5	2	2.0	61.1	0.38	<0.05	18.0	0.145	0.27
E844661		590	2.3	38.6	<0.002	0.50	0.59	16.7	2	1.7	70.4	0.51	<0.05	15.7	0.164	0.11
E844662		570	2.3	39.7	<0.002	0.49	0.56	16.8	2	1.7	71.9	0.52	<0.05	14.6	0.167	0.11
E844663		140	2.1	10.0	0.002	0.64	0.27	43.6	5	0.5	155.0	0.16	0.08	3.2	0.044	0.03
E844664		470	1.7	24.7	<0.002	5.80	0.37	5.8	3	1.5	289.0	0.33	0.09	8.5	0.127	0.07
E844665		590	2.4	38.2	<0.002	2.50	0.55	10.0	3	1.9	126.0	0.37	0.06	11.2	0.157	0.09
E844666		490	3.7	28.7	<0.002	0.35	0.76	5.5	2	0.9	45.6	0.28	<0.05	11.5	0.114	0.08
E844667		500	3.1	19.6	0.002	1.16	0.50	4.8	2	0.9	82.7	0.25	<0.05	10.1	0.107	0.06
E844668		560	2.0	24.6	<0.002	3.14	0.53	5.9	3	1.6	195.5	0.37	0.07	10.1	0.140	0.06
E844669		440	1.5	12.5	0.002	5.01	0.34	4.9	3	1.4	374.0	0.31	0.07	8.2	0.110	0.04
E844670		800	2.5	19.3	0.002	0.19	1.72	27.4	3	6.0	72.6	0.65	0.08	5.8	0.745	0.06
E844671		1700	2.4	25.1	0.013	1.72	0.87	10.0	3	4.4	132.5	0.85	0.07	14.9	0.323	0.07
E844672		1720	2.8	27.7	0.008	0.21	1.97	18.1	3	4.1	73.7	1.66	0.07	20.9	0.703	0.07
E844673		610	0.9	28.9	0.003	1.22	0.51	8.2	3	2.3	99.6	0.37	0.08	9.3	0.186	0.08
E844674		690	2.5	25.0	<0.002	2.02	0.58	5.9	2	1.9	130.0	0.49	0.05	11.2	0.180	0.06
E844675		20	1.2	0.2	<0.002	0.01	0.05	0.2	1	<0.2	2.2	<0.05	<0.05	0.4	0.005	<0.02
E844676		810	2.5	7.0	0.002	1.19	0.51	6.3	2	1.9	85.8	0.53	0.09	12.6	0.201	0.02
E844677		520	3.2	13.8	0.002	0.84	0.53	4.5	2	1.9	53.2	0.43	0.11	12.8	0.166	0.04
E844678		590	2.9	35.7	<0.002	1.80	0.54	5.5	2	1.7	107.0	0.41	0.06	11.4	0.185	0.09
E844679		660	2.2	24.2	0.002	4.14	0.42	5.6	2	1.9	215.0	0.37	0.07	10.1	0.145	0.06
E844680		610	1.9	39.7	<0.002	2.13	0.48	4.9	2	1.5	139.5	0.36	0.08	10.6	0.133	0.10
E844681		600	2.0	33.3	0.004	3.24	0.47	7.3	2	1.7	184.5	0.43	0.09	10.2	0.144	0.10
E844682		570	66.9	33.9	0.085	0.74	91.70	5.6	5	3.1	289.0	0.12	3.39	1.4	0.114	0.24
E844683		650	3.0	30.1	0.002	4.16	0.63	5.6	2	2.0	202.0	0.42	0.10	10.8	0.158	0.05
E844684		610	2.6	24.3	0.012	1.27	0.68	8.2	2	2.0	69.9	0.33	0.11	8.9	0.175	0.04
E844685		640	2.6	90.5	0.006	3.44	0.99	9.6	2	3.2	180.5	0.41	0.15	9.3	0.224	0.20
E844686		610	3.5	68.5	0.002	4.83	0.91	8.4	3	2.3	261.0	0.37	0.25	9.7	0.189	0.15
E844687		620	2.0	58.1	0.002	2.23	0.68	11.4	2	1.4	179.0	0.37	0.07	13.7	0.127	0.10
E844688		660	2.8	151.0	<0.002	0.20	1.38	9.0	2	1.7	41.0	0.42	<0.05	19.5	0.166	0.28
E844689		680	1.8	107.0	<0.002	1.69	1.04	8.1	2	1.8	107.5	0.36	<0.05	13.3	0.162	0.21
E844690		570	1.8	129.0	<0.002	1.65	1.11	8.5	2	1.9	106.0	0.42	<0.05	13.3	0.170	0.27
E844691		740	2.3	19.3	<0.002	0.56	0.62	8.2	2	1.6	158.5	0.32	0.05	12.8	0.154	0.03
E844692		720	2.5	22.8	<0.002	1.24	0.69	6.6	2	1.6	191.5	0.29	0.05	13.2	0.163	0.03
E844693		50	1.5	14.6	0.002	9.57	0.09	26.0	3	0.2	455.0	0.05	0.14	0.6	0.014	0.02
E844694		720	3.4	198.0	<0.002	0.43	1.15	13.5	2	2.3	87.6	0.41	<0.05	11.9	0.142	0.39
E844695		650	3.4	84.9	0.002	0.37	1.05	12.7	3	3.6	112.5	0.44	0.09	11.3	0.250	0.16
E844696		630	2.7	27.1	0.002	0.74	0.56	9.9	2	1.9	87.6	0.38	0.12	9.7	0.186	0.04
E844697		20	1.1	0.3	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.5	0.005	<0.02
E844698		690	2.4	30.4	0.006	1.71	0.42	9.5	3	1.7	121.0	0.39	0.11	10.9	0.139	0.05
E844699		760	3.7	50.9	0.004	0.20	0.67	14.8	2	2.1	67.2	0.44	0.11	11.1	0.225	0.09

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E844660		3.3	69	0.9	4.8	13	35.9	
E844661		3.7	77	1.1	33.2	9	27.3	
E844662		2.7	79	1.0	31.9	9	24.8	
E844663		1.1	16	0.9	132.5	10	10.9	
E844664		4.4	61	1.6	23.0	6	20.9	
E844665		2.8	78	2.1	15.3	9	19.2	
E844666		2.1	40	0.9	9.2	22	21.2	
E844667		2.4	54	1.0	9.3	15	21.7	
E844668		3.7	70	1.4	18.6	10	19.3	
E844669		3.2	61	1.5	26.5	4	21.6	
E844670		8.8	241	10.4	41.0	17	65.8	
E844671		7.4	42	8.1	20.8	6	60.1	
E844672		6.6	187	5.7	25.0	9	119.0	
E844673		4.8	77	3.8	20.9	4	27.4	
E844674		2.7	82	2.2	20.2	4	26.9	
E844675		0.3	<1	<0.1	2.0	3	30.3	
E844676		4.2	112	2.8	15.2	9	36.7	
E844677		17.0	69	3.9	13.8	6	43.1	
E844678		4.4	96	2.7	15.6	8	32.5	
E844679		5.1	70	3.2	24.3	11	30.9	
E844680		5.6	58	1.8	21.4	7	29.5	
E844681		3.0	82	1.6	16.2	7	38.2	
E844682		2.6	57	16.6	10.2	108	23.0	
E844683		9.1	82	2.7	9.8	7	33.8	
E844684		4.1	101	3.1	12.6	24	25.5	
E844685		3.6	103	3.8	13.7	10	31.0	
E844686		11.5	93	2.8	26.3	13	32.7	
E844687		4.0	48	1.9	20.6	16	22.7	
E844688		3.0	79	1.6	18.8	32	38.0	
E844689		3.3	75	1.4	12.7	24	29.3	
E844690		2.8	72	1.7	13.8	24	32.5	
E844691		6.8	42	0.9	11.0	5	24.8	
E844692		6.6	46	0.8	13.8	6	21.6	
E844693		0.2	9	0.2	100.5	7	2.2	
E844694		15.4	29	1.8	30.6	10	38.5	
E844695		7.8	36	7.2	47.7	10	61.0	
E844696		6.6	82	3.8	20.9	8	44.9	
E844697		0.3	<1	<0.1	2.2	4	25.9	
E844698		5.2	88	3.0	22.5	5	35.3	
E844699		14.9	128	3.6	24.8	5	42.9	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844700		7.89	<0.005		0.06	6.72	1.9	60	1.15	0.05	9.94	<0.02	23.30	22.6	40	0.67
E839732		6.01	0.092		0.80	5.59	32.3	1470	2.13	1.03	1.08	<0.02	203.00	71.8	42	2.26
E839733		5.99	0.147		1.02	4.27	24.9	2950	0.84	3.14	1.44	<0.02	>500	88.6	33	1.21
E839734		5.97	0.093		0.43	3.83	24.3	790	0.99	2.29	3.89	<0.02	426.00	99.0	23	1.23
E839735		7.16	0.104		0.23	7.27	24.9	1830	1.26	0.45	0.53	<0.02	318.00	82.2	54	1.86
E839736		6.18	0.093		0.30	6.45	66.0	850	1.67	1.03	0.16	<0.02	190.00	221.0	51	2.01
E839737		3.66	0.032		0.19	7.54	14.9	8020	1.33	0.22	2.33	<0.02	39.90	48.7	53	0.82
E839738		4.36	1.755	1.89	6.83	6.58	18.7	1730	2.32	0.72	2.10	<0.02	450.00	35.7	47	2.02
E839739		1.20	0.007		0.52	8.09	46.7	150	2.61	1.31	0.25	0.02	279.00	6.9	13	0.13
E839657		0.27	<0.005		0.52	8.50	4.7	100	1.12	0.08	0.77	0.02	355.00	4.5	88	0.14
E839658		1.22	0.025		0.39	4.91	2.5	210	0.34	0.27	2.06	<0.02	130.00	40.0	26	0.22
E839659		1.71	0.121		2.99	1.24	71.9	80	0.30	2.08	0.41	0.02	22.50	332.0	9	0.73
E846082		0.22	<0.005		0.03	1.54	0.6	40	0.18	0.16	0.92	0.04	1.77	4.3	15	0.91
E846083		0.45	<0.005		0.14	3.58	63	140	1.23	0.46	12.95	<0.02	71.50	25.0	20	0.77
E846084		0.98	0.056		0.24	4.91	128.5	110	0.89	15.30	0.18	<0.02	62.70	51.8	41	0.99

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method / Analyte / Units / LOR	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E844700		122.0	4.63	20.40	0.07	1.2	0.042	0.48	11.8	19.3	1.73	1605	2.07	3.58	4.8	66.8
E839732		4160.0	15.70	22.00	0.33	1.9	0.104	3.99	144.5	57.0	0.79	1020	41.60	0.09	7.4	44.3
E839733		2230.0	20.80	14.75	0.48	1.7	0.070	1.96	490.0	48.9	1.26	1375	56.60	0.10	6.3	53.0
E839734		1650.0	20.50	14.05	0.42	1.2	0.100	1.66	312.0	46.9	1.94	3290	28.80	0.05	6.2	47.8
E839735		50.9	17.85	26.00	0.36	2.3	0.061	3.31	237.0	47.9	0.72	198	17.05	1.87	6.0	30.8
E839736		62.2	19.45	23.20	0.27	2.1	0.066	4.12	135.5	44.9	0.70	138	34.70	0.42	7.2	49.6
E839737		187.0	6.77	12.50	0.13	2.0	0.046	7.05	25.7	12.8	1.73	2090	13.55	0.39	4.3	43.2
E839738		4740.0	7.17	22.10	0.34	2.1	0.172	4.03	328.0	42.3	1.39	1730	374.00	0.09	7.5	41.2
E839739		107.0	0.31	24.00	0.40	4.1	0.031	0.10	111.5	3.3	0.11	133	9.79	7.69	7.8	3.0
E839657		879.0	0.75	23.90	0.32	2.2	0.025	0.11	187.0	3.9	0.40	567	5.07	7.50	8.9	5.5
E839658		5600.0	12.95	10.25	0.22	1.2	0.046	0.12	84.6	9.0	1.94	848	8.53	2.92	7.1	25.3
E839659		9470.0	21.00	5.35	0.22	0.4	2.950	0.65	15.1	3.9	1.47	27200	8.84	0.06	0.9	64.1
E846082		24.5	3.64	4.50	<0.05	0.3	0.026	0.04	0.9	15.1	1.13	907	0.43	0.09	0.6	12.8
E846083		456.0	7.85	11.70	0.12	1.2	0.235	1.35	49.7	16.5	5.33	10350	4.67	0.21	2.0	45.5
E846084		58.1	5.88	12.90	0.09	1.6	0.049	1.48	36.8	23.6	1.70	178	24.60	0.04	7.0	23.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844700		540	1.9	34.9	0.003	1.11	0.81	15.5	2	3.8	93.7	0.33	0.11	6.3	0.307	0.06
E839732		830	2.9	166.0	0.003	0.24	1.49	11.2	6	12.5	299.0	0.29	0.54	12.9	0.089	1.48
E839733		1580	8.0	90.0	0.013	0.26	2.14	6.8	6	42.6	56.9	0.14	2.06	10.7	0.067	0.59
E839734		1590	4.2	91.4	0.004	0.23	1.26	6.8	5	24.0	190.5	0.15	1.16	8.2	0.063	0.56
E839735		2290	6.4	130.5	0.048	0.18	2.20	9.7	3	27.2	35.4	0.26	0.53	17.2	0.080	1.73
E839736		960	5.1	176.5	0.040	1.09	2.11	11.4	7	41.8	15.0	0.35	1.11	14.8	0.098	1.67
E839737		690	12.8	137.5	0.003	0.22	1.59	8.1	2	4.1	151.0	0.41	0.12	23.8	0.088	1.14
E839738		1010	26.3	200.0	0.223	0.47	2.45	12.5	11	46.3	28.5	0.44	4.74	15.6	0.154	1.30
E839739		220	107.0	4.7	0.002	0.02	28.80	10.2	8	0.7	39.7	0.65	0.12	388.0	0.339	0.03
E839657		1530	2.8	5.8	0.002	0.10	2.54	4.4	2	1.7	35.9	0.52	0.06	31.0	0.169	<0.02
E839658		1060	2.0	6.1	<0.002	0.32	0.90	9.8	2	3.3	19.0	0.44	0.47	10.3	0.120	<0.02
E839659		310	7.1	36.4	0.003	3.11	1.08	4.3	3	2.6	7.2	<0.05	0.27	2.3	0.016	0.06
E846082		80	6.9	3.1	<0.002	0.03	0.55	1.7	1	0.2	14.9	<0.05	<0.05	1.5	0.012	0.03
E846083		790	3.2	70.6	<0.002	0.99	0.87	18.2	2	2.1	38.7	0.11	0.09	8.9	0.048	0.12
E846084		970	7.2	81.8	0.004	2.12	4.65	7.1	2	2.9	3.1	0.53	0.51	10.3	0.151	10.45

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07065308

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.01
E844700		3.1	102	5.7	17.7	25	40.0	
E839732		12.7	65	23.4	16.3	13	50.1	
E839733		54.4	63	16.5	26.2	50	52.8	
E839734		22.4	56	13.9	26.3	33	38.3	
E839735		129.5	137	25.3	15.9	18	73.9	
E839736		35.3	74	34.0	11.8	10	66.1	
E839737		128.0	33	14.5	19.1	13	64.1	
E839738		274.0	63	64.3	26.2	4	68.6	
E839739		4280.0	34	9.8	187.0	7	135.5	0.44
E839657		15.9	58	8.9	10.6	18	71.3	
E839658		7.1	131	6.6	7.6	5	37.2	
E839659		14.3	13	2.2	6.3	10	12.0	
E846082		0.6	11	0.3	2.7	21	10.1	
E846083		2.4	54	2.3	18.0	8	40.3	
E846084		7.9	54	5.2	4.7	7	53.9	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-AUG-2007
Account: EIAFRG

CERTIFICATE TR07074499

Project: Werneckes- E

P.O. No.: FRG07-01

This report is for 60 Rock samples submitted to our lab in Terrace, BC, Canada on 24-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E846291		1.16	2.84	3.19	2.01	5.98	0.6	1740	1.25	339.00	0.17	<0.02	141.50	22.6	38	0.65
E846292		1.25	0.695		0.13	6.39	3.4	1570	0.64	6.10	2.13	0.03	166.50	48.4	38	1.01
E846293		1.80	2.02	2.13	3.72	6.58	3.2	2030	0.32	66.30	2.33	<0.02	250.00	78.5	37	0.58
E846294		0.77	0.323		7.50	6.95	1.3	190	0.90	17.20	3.85	0.02	13.10	6.6	23	0.28
E846295		0.75	0.055		1.54	7.67	4.7	860	2.10	3.81	3.16	<0.02	162.50	14.8	63	3.48
E846296		0.77	0.426		0.95	5.78	3.5	1060	0.23	45.50	1.06	<0.02	69.60	26.1	39	0.49
E829623		0.97	0.012		0.18	8.01	8.2	470	2.78	0.62	1.59	0.19	45.20	7.5	66	4.54
E829624		0.82	0.046		1.71	6.80	32.0	970	1.99	6.79	5.77	0.03	159.50	23.7	34	1.85
E829625		0.47	3.38	3.67	0.70	5.56	12.7	510	0.18	74.90	5.15	0.16	161.50	76.9	8	0.34
E847006		2.94	0.093		0.19	7.82	9.4	890	0.58	1.98	1.42	<0.02	57.10	27.8	58	0.91
E847007		2.57	0.572		0.47	5.01	8.7	1040	0.42	4.16	4.63	<0.02	63.20	21.5	79	1.03
E847008		1.73	0.080		0.06	7.51	21.5	60	0.81	1.85	2.52	<0.02	>500	5.4	137	0.34
E847009		2.05	0.066		0.09	8.09	4.0	70	0.84	0.30	0.55	<0.02	>500	3.8	109	0.41
E847010		2.34	<0.005		0.02	11.55	2.6	390	2.48	0.14	4.81	0.03	>500	8.5	40	2.64
E847011		1.31	0.005		0.18	5.70	40.1	230	2.72	0.91	0.04	<0.02	166.50	29.8	46	3.08
E847012		1.92	0.008		0.75	4.41	1185.0	70	1.76	6.17	0.69	<0.02	204.00	625.0	45	3.92
E846301		0.79	0.100		0.04	8.30	8.6	140	2.55	0.55	0.28	0.02	122.50	3.8	22	0.84
E846302		0.88	0.012		0.29	8.03	18.1	180	6.78	0.94	0.60	0.02	>500	5.1	39	2.75
E846303		0.82	0.005		0.25	5.57	13.3	130	4.28	1.61	8.33	0.06	>500	4.6	41	1.17
E846304		0.95	<0.005		0.12	7.91	1.9	160	4.63	2.00	3.96	0.03	122.50	3.3	17	2.98
E846305		0.66	<0.005		0.14	8.73	10.1	310	6.82	0.53	0.74	0.06	>500	42.2	6	2.10
E846306		0.96	<0.005		0.21	6.28	35	100	2.43	0.50	12.40	0.09	>500	32.9	392	1.89
E846461		0.73	<0.005		0.09	6.90	4.0	370	1.17	0.35	4.40	<0.02	367.00	4.6	45	2.01
E846462		0.71	0.018		0.84	5.95	5.0	620	1.25	1.19	5.37	0.10	191.00	29.1	33	1.21
E846463		0.36	4.97	6.14	25.60	6.80	<0.2	1720	3.27	211.00	1.21	<0.02	>500	14.0	30	2.39
E846464		0.50	0.032		0.20	8.31	30.1	610	3.37	3.02	0.20	<0.02	121.00	19.7	49	11.30
E846465		1.05	0.151		1.12	6.56	105.0	840	1.71	4.29	4.54	0.02	158.50	394.0	33	4.23
E846466		0.76	0.163		0.15	7.33	21.7	1140	0.91	2.68	6.09	0.03	83.10	323.0	48	2.39
E846467		0.89	0.360		0.15	8.33	12.5	340	0.92	58.40	0.10	<0.02	4.79	87.4	78	1.09
E847106		0.77	0.016		0.43	7.24	3.9	210	0.81	11.20	1.97	<0.02	50.00	11.2	32	2.04
E847107		1.00	<0.005		0.02	7.25	3.5	880	0.23	0.26	2.53	<0.02	43.50	2.6	54	0.81
E847108		0.71	<0.005		0.07	7.04	8.0	1170	0.47	0.39	2.67	<0.02	79.70	4.7	44	1.37
E847109		0.90	<0.005		0.04	8.24	4.9	390	1.12	0.48	3.36	<0.02	64.60	17.4	48	2.69
E847110		0.74	<0.005		0.04	8.49	10.3	400	2.80	1.04	0.18	<0.02	99.30	27.2	55	5.37
E847111		1.03	0.020		0.05	7.44	7.7	900	0.33	0.60	4.22	0.02	93.60	31.3	14	0.56
E847112		0.67	<0.005		0.01	7.47	0.7	240	0.88	0.16	0.97	0.02	15.40	11.6	43	1.76
E847113		1.00	<0.005		0.07	6.45	46.8	340	1.54	1.02	3.37	<0.02	43.20	188.0	<1	0.48
E847114		1.20	<0.005		0.01	11.45	1.3	1230	3.13	0.22	0.17	<0.02	104.50	20.5	94	10.35
E847115		0.58	<0.005		0.03	8.29	5.8	1340	0.43	0.90	0.36	<0.02	5.05	34.3	35	0.95
E847116		0.64	0.197		0.03	6.77	7.6	420	1.52	0.96	0.08	<0.02	80.50	10.7	42	7.77

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846291		9.0	21.20	16.10	0.64	1.3	0.024	5.17	72.5	17.5	0.24	2070	1555.00	0.11	10.8	38.9
E846292		23.6	10.40	15.00	0.30	0.9	0.084	5.50	85.5	20.8	1.42	2720	17.65	0.12	3.9	18.8
E846293		9.8	6.99	16.85	0.51	1.5	0.039	4.81	109.0	3.7	0.32	2890	1375.00	0.13	8.5	86.4
E846294		13.2	3.23	21.90	0.10	0.9	0.027	0.24	4.9	4.8	1.40	3480	6.46	4.97	7.5	7.5
E846295		>10000	7.45	27.80	0.26	1.7	0.659	4.93	86.0	35.1	1.56	4380	9.49	0.09	8.7	27.7
E846296		85.9	5.91	12.40	0.22	0.7	0.028	5.55	34.7	5.1	0.33	1435	191.50	0.10	4.6	31.6
E829623		813.0	1.67	23.90	0.09	3.0	0.096	4.35	22.3	24.2	0.97	1100	7.15	0.06	10.5	29.2
E829624		9840.0	4.93	18.05	0.25	1.1	0.336	5.41	85.4	37.6	2.26	5070	8.20	0.07	6.3	104.5
E829625		78.5	4.97	7.82	0.31	1.1	0.045	4.94	69.1	1.2	1.85	3210	15.90	0.09	6.1	62.3
E847006		9410.0	8.18	15.35	0.21	1.6	0.099	5.42	27.4	18.4	1.26	1705	1.44	0.06	7.6	27.2
E847007		182.5	3.59	13.15	0.29	1.7	0.126	3.72	18.2	8.0	2.12	4670	2.74	0.95	7.0	16.6
E847008		79.5	5.90	116.38	17.40	2.7	0.018	0.23	>10000	13.2	0.31	136	1.12	5.21	1.5	8.7
E847009		241.0	3.97	61.80	7.84	3.1	0.013	0.29	4740.0	13.1	0.20	191	1.03	5.73	2.9	6.1
E847010		3.5	7.39	221.00	24.70	2.0	0.289	2.10	>10000	34.5	1.76	1110	0.29	0.06	0.9	45.0
E847011		>10000	1.06	16.95	0.17	2.6	0.291	2.59	74.8	9.0	0.37	698	1.82	0.05	8.1	34.1
E847012		2050.0	5.20	15.90	0.30	1.9	0.300	1.94	91.6	9.2	2.01	2210	0.80	0.03	3.9	239.0
E846301		63.6	0.86	17.50	0.18	3.1	0.031	0.43	54.6	8.5	0.35	218	0.55	6.45	7.5	12.0
E846302		89.9	0.94	17.10	1.30	5.2	0.039	1.53	580.0	10.1	0.69	784	35.30	4.66	14.4	16.4
E846303		36.5	1.86	10.20	0.90	13.2	0.041	0.66	387.0	16.4	5.13	5240	22.30	2.61	22.3	18.4
E846304		15.9	1.71	9.88	0.18	2.0	0.055	1.74	51.6	24.1	1.55	1820	2.76	3.77	3.2	12.1
E846305		9.4	0.94	17.15	0.77	3.3	0.056	1.10	368.0	15.2	0.50	558	9.03	5.16	6.2	4.0
E846306		12.4	4.49	22.10	0.77	13.6	0.058	0.93	322.0	53.2	3.54	961	62.30	0.46	11.2	130.5
E846461		1165.0	9.00	18.45	0.41	2.0	0.175	4.14	188.0	25.0	3.04	2660	1.68	0.03	3.0	10.3
E846462		2380.0	6.44	16.30	0.25	1.6	0.180	3.96	100.0	31.9	1.78	7160	17.35	0.08	5.2	31.5
E846463		149.0	3.48	30.10	5.01	3.0	<0.005	4.10	387.0	51.7	0.66	2500	>10000	0.14	6.3	27.7
E846464		73.0	3.77	20.70	0.18	3.6	0.068	3.38	57.4	31.1	0.87	127	108.50	1.21	4.1	15.0
E846465		5920.0	6.04	16.65	0.23	1.6	0.269	3.77	83.6	30.6	1.93	5540	54.50	0.90	3.4	72.7
E846466		575.0	9.87	18.35	0.23	1.3	0.111	3.95	42.6	36.4	3.57	4870	67.40	0.11	4.2	72.9
E846467		4070.0	10.20	29.70	0.19	1.5	0.123	4.55	2.0	88.5	4.46	932	8.23	0.05	4.3	134.5
E847106		6900.0	8.21	27.10	0.23	2.3	0.272	2.90	24.4	65.2	3.39	2100	18.15	0.25	6.4	73.8
E847107		39.0	4.06	14.60	0.13	2.0	0.057	4.73	19.9	2.8	0.95	2130	3.21	0.62	5.8	3.5
E847108		675.0	8.75	13.65	0.19	2.0	0.116	4.56	37.6	7.3	1.34	2580	1.07	0.06	10.2	2.9
E847109		1735.0	7.12	24.30	0.19	1.2	0.171	5.03	30.8	19.8	1.92	3080	1.55	0.04	4.8	14.6
E847110		92.5	4.74	22.10	0.18	2.1	0.071	1.85	43.7	47.1	1.71	523	2.62	1.74	10.8	39.0
E847111		161.5	2.89	14.60	0.18	6.2	0.057	5.09	46.4	13.4	2.59	2780	28.20	0.08	7.3	47.0
E847112		8.6	7.28	15.95	0.14	2.1	0.128	3.06	7.1	52.9	2.83	2040	1.74	0.22	2.1	60.5
E847113		1665.0	13.05	22.40	0.25	2.0	0.106	2.05	15.3	33.2	3.00	1340	4.90	1.62	14.4	28.9
E847114		319.0	3.49	37.60	0.18	3.8	0.163	4.64	43.9	21.9	0.80	135	0.59	0.65	4.2	19.5
E847115		149.5	4.81	10.45	0.11	2.3	0.065	3.25	1.9	13.9	0.57	346	15.10	3.05	5.8	25.1
E847116		16.4	2.46	15.20	0.12	1.5	0.040	1.97	33.1	14.7	0.37	215	0.64	1.50	9.4	15.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846291	800	276.0	116.0	0.095	1.43	4.98	9.3	60	2.3	14.2	0.57	179.50	30.7	0.093	0.37
E846292	900	5.1	103.5	0.002	0.88	1.71	9.5	3	2.6	27.1	0.32	4.08	14.2	0.127	0.35
E846293	1300	20.9	100.5	0.021	0.90	2.23	12.6	32	4.0	28.6	0.60	39.40	25.7	0.164	0.88
E846294	750	5.6	11.5	<0.002	0.25	1.41	4.5	2	4.0	28.8	0.60	23.90	12.0	0.163	0.05
E846295	650	3.8	202.0	0.002	1.15	1.76	13.1	3	6.3	20.4	0.67	0.42	17.0	0.225	0.61
E846296	800	9.5	105.0	0.018	0.30	1.10	7.3	10	2.6	14.3	0.40	29.10	13.2	0.146	0.45
E829623	460	39.3	223.0	0.002	0.15	1.55	13.0	2	3.3	11.1	0.82	0.36	16.4	0.270	0.80
E829624	780	3.0	182.0	0.008	1.07	1.64	9.2	4	2.7	27.6	0.45	0.43	15.3	0.125	0.41
E829625	540	114.0	76.8	0.004	1.24	5.61	10.8	13	0.7	130.0	0.69	40.30	63.9	0.184	0.34
E847006	680	2.7	111.0	<0.002	0.98	1.62	11.0	4	3.4	9.9	0.70	0.57	12.4	0.311	0.48
E847007	670	84.0	87.9	0.002	0.19	5.79	17.1	10	4.5	27.1	1.09	0.61	47.2	0.855	0.33
E847008	>10000	27.0	15.7	0.011	0.02	4.36	7.7	17	1.8	231.0	0.26	0.20	1970.0	0.163	0.06
E847009	6260	16.5	24.8	0.005	0.02	2.02	3.1	9	1.1	42.7	0.32	0.15	790.0	0.121	0.09
E847010	140	31.8	135.5	0.017	<0.01	2.12	58.3	42	5.4	490.0	0.22	<0.05	102.5	0.072	0.25
E847011	200	6.7	111.0	<0.002	0.10	4.29	7.0	2	2.5	4.8	0.61	0.08	29.2	0.193	0.40
E847012	950	3.5	89.0	<0.002	0.14	20.60	6.0	2	5.5	12.5	0.28	0.10	14.7	0.133	0.30
E846301	90	17.2	40.2	<0.002	0.01	5.35	2.7	2	0.7	89.8	0.58	0.20	110.5	0.173	0.18
E846302	430	39.8	137.0	0.026	0.03	12.90	7.1	7	1.0	80.4	1.04	0.09	330.0	0.295	0.35
E846303	300	43.8	51.6	0.018	0.05	13.80	30.2	7	1.2	58.1	1.66	0.11	338.0	0.435	0.16
E846304	200	17.0	104.0	<0.002	0.02	4.58	7.7	3	0.5	56.9	0.20	0.06	113.5	0.089	0.46
E846305	1950	57.2	94.3	0.003	0.18	12.90	4.2	11	0.4	114.0	0.64	0.15	367.0	0.199	0.42
E846306	>10000	27.9	81.6	0.011	0.08	6.53	9.8	12	0.7	133.5	0.87	0.30	189.5	0.251	0.27
E846461	980	2.2	197.5	<0.002	0.07	1.57	14.1	2	1.7	12.8	0.20	<0.05	16.5	0.144	0.41
E846462	1960	4.7	153.0	0.005	0.32	0.95	12.0	3	1.9	29.3	0.32	0.48	19.1	0.126	0.33
E846463	1100	399.0	177.0	0.879	0.88	12.20	29.2	714	8.7	26.4	0.54	121.50	40.4	0.167	1.30
E846464	930	3.7	234.0	0.005	1.00	2.82	12.2	4	0.4	10.9	0.32	0.77	19.2	0.128	0.59
E846465	1030	4.2	159.5	0.017	1.82	2.25	11.9	5	1.5	29.3	0.23	1.03	13.6	0.103	0.37
E846466	780	2.5	109.0	0.012	1.06	1.53	23.7	8	3.9	38.4	0.27	1.42	6.9	0.294	0.33
E846467	380	1.5	48.3	<0.002	0.65	1.85	19.0	6	1.9	8.6	0.27	0.39	0.8	0.554	0.48
E847106	800	2.7	125.0	0.004	0.64	2.58	33.5	21	1.2	12.2	0.46	1.05	6.1	0.664	0.33
E847107	590	1.8	112.5	<0.002	0.02	1.20	11.9	2	1.7	19.4	0.50	0.08	16.7	0.166	0.64
E847108	680	1.6	135.5	<0.002	0.08	1.13	8.6	2	2.7	16.1	0.78	0.08	14.6	0.261	0.50
E847109	1030	1.4	245.0	<0.002	0.34	1.69	16.8	2	2.7	10.5	0.42	0.05	17.9	0.193	0.59
E847110	580	1.8	104.5	<0.002	0.11	1.08	11.9	2	2.0	46.7	0.79	0.12	17.5	0.228	0.49
E847111	2120	5.9	105.0	0.012	0.27	1.86	10.7	4	3.3	25.1	0.46	0.26	28.0	0.246	0.44
E847112	950	1.9	123.0	<0.002	0.01	0.84	7.6	1	1.0	7.0	0.17	0.05	15.0	0.097	0.44
E847113	1070	2.9	50.7	0.002	0.69	1.45	28.9	6	2.2	28.2	0.97	0.14	7.0	1.170	0.17
E847114	820	2.6	295.0	<0.002	0.09	1.41	25.3	2	4.0	72.2	0.34	0.10	26.6	0.151	1.16
E847115	1330	5.0	96.9	0.006	0.24	1.15	1.8	2	1.5	25.9	0.47	0.42	17.3	0.246	0.47
E847116	190	14.6	114.5	<0.002	0.02	0.66	7.7	1	2.1	69.1	0.75	0.06	16.8	0.202	0.71

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846291		359.0	68	10.7	59.9	14	37.0		
E846292		48.1	55	2.4	12.6	19	29.2		
E846293		295.0	54	30.7	58.2	7	49.7		
E846294		82.1	15	12.0	12.2	8	26.9		
E846295		10.9	94	3.4	18.1	21	54.9	1.250	
E846296		80.6	51	2.4	11.9	7	20.2		
E829623		3.4	79	3.1	12.7	42	92.8		
E829624		8.4	60	4.3	13.9	16	32.7		
E829625		1490.0	5	4.9	131.5	55	27.1		0.16
E847006		5.3	113	4.1	5.6	17	51.4		
E847007		2040.0	99	8.1	101.5	12	46.3		0.21
E847008		48.9	232	1.2	183.0	12	64.8		
E847009		26.6	89	1.3	98.9	9	88.0		
E847010		9.9	122	1.2	>500	<2	3.7		
E847011		2.4	55	1.4	12.4	6	77.2	1.150	
E847012		1.3	50	0.9	10.8	8	61.4		
E846301		700.0	16	5.7	23.5	12	101.0		
E846302		1610.0	35	13.0	94.2	13	155.5		0.18
E846303		2000.0	24	17.3	110.0	23	407.0		0.21
E846304		510.0	14	7.1	32.6	28	49.5		
E846305		2220.0	4	7.5	263.0	18	73.3		0.23
E846306		1150.0	92	14.3	234.0	39	384.0		0.13
E846461		6.2	68	1.5	15.5	9	55.3		
E846462		14.6	75	2.5	20.2	28	52.0		
E846463		3520.0	46	26.3	218.0	11	71.0		0.37
E846464		13.8	91	2.7	12.9	7	93.6		
E846465		29.2	69	4.9	20.3	12	44.4		
E846466		17.3	245	6.2	15.2	25	39.0		
E846467		2.7	247	2.7	3.2	89	38.4		
E847106		2.3	394	2.5	14.1	57	62.1		
E847107		3.2	59	1.8	10.3	4	54.4		
E847108		5.3	67	3.7	12.1	4	57.7		
E847109		3.0	68	2.2	14.5	9	33.7		
E847110		6.1	62	1.5	13.9	36	56.8		
E847111		34.0	52	3.9	31.8	21	192.0		
E847112		18.7	68	0.9	7.8	80	60.6		
E847113		4.1	442	3.2	44.7	81	48.1		
E847114		13.0	113	1.4	9.0	13	105.5		
E847115		80.7	61	1.8	8.7	20	65.9		
E847116		2.3	38	1.5	15.5	35	38.7		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E847117		0.97	<0.005		0.01	3.03	0.8	220	0.63	0.10	0.02	<0.02	89.10	2.5	24	3.24
E847118		0.83	<0.005		0.03	7.79	7.0	570	2.16	0.25	0.04	<0.02	121.50	6.8	43	10.15
E847119		0.76	0.039		0.39	4.21	2.9	50	0.50	0.39	0.80	<0.02	145.50	12.2	25	0.52
E847120		0.83	0.022		0.22	6.33	15.8	100	0.86	0.48	2.51	0.02	160.00	41.1	48	0.72
E847121		0.80	0.557		1.00	4.63	6.6	180	0.77	1.67	1.71	0.02	108.50	18.7	34	1.20
E847122		0.74	0.042		0.53	5.32	11.4	190	1.14	0.92	0.47	<0.02	71.10	14.8	51	1.40
E847123		1.06	0.026		0.40	8.16	11.8	140	2.39	0.50	1.08	0.02	256.00	41.1	80	0.90
E847124		0.77	0.006		0.01	7.28	1.0	710	2.02	0.06	4.52	<0.02	33.40	5.4	47	1.13
E847125		0.79	<0.005		<0.01	7.34	0.7	700	2.46	0.12	2.28	<0.02	62.90	13.4	49	3.93
E847126		1.02	0.005		0.03	7.81	<0.2	1070	1.40	<0.01	4.58	0.03	36.20	4.5	32	0.88
E847127		0.77	<0.005		0.09	6.51	0.5	390	1.49	0.02	4.30	0.08	11.15	4.6	19	0.36
E847128		1.16	<0.005		0.03	6.53	0.8	1170	0.62	<0.01	6.62	0.16	61.20	9.4	21	1.14
E847129		0.65	0.076		1.97	0.96	2200.0	60	0.42	1.94	0.07	0.05	10.65	435.0	21	0.87
E847130		0.73	<0.005		0.03	0.94	42.8	30	0.17	0.16	0.09	<0.02	28.10	31.9	28	0.27
E847131		0.81	0.170		0.11	6.44	24.4	90	1.15	1.00	4.20	0.02	52.30	195.5	5	2.01
E847132		0.72	<0.005		0.08	5.50	5.9	190	1.02	0.50	0.04	<0.02	49.70	144.5	25	1.51
E847133		0.89	0.108		0.21	1.89	23.4	340	0.57	0.62	0.02	0.05	47.30	72.8	18	1.14
E847134		0.73	0.005		0.15	1.55	84.6	90	0.53	3.88	0.02	0.05	31.20	35.5	24	1.15
E847065		1.19	0.030		3.91	1.67	75.7	250	0.27	3.75	0.06	0.04	20.00	67.8	23	0.65
E847066		1.05	0.058		5.17	0.13	469.0	10	0.11	4.39	0.43	0.04	2.18	205.0	16	0.35

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-AUG-2007
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Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E847117		9.3	1.08	6.38	0.10	2.4	0.015	1.37	33.5	21.1	0.28	126	1.77	0.02	3.2	2.4
E847118		16.7	2.83	20.00	0.17	2.6	0.052	2.79	51.7	12.9	0.43	139	0.52	0.85	16.4	11.9
E847119		2840.0	1.56	6.42	0.18	0.4	0.028	0.25	66.7	19.5	0.42	407	2.15	2.38	1.3	17.1
E847120		1730.0	2.20	12.20	0.20	0.4	0.029	0.44	72.5	35.2	0.69	807	4.37	3.45	1.5	22.1
E847121		5820.0	2.03	8.15	0.15	0.6	0.077	0.81	50.7	26.2	0.60	929	5.41	1.81	2.0	24.3
E847122		3680.0	2.04	10.20	0.11	0.9	0.067	0.94	32.8	27.5	0.58	541	1.47	2.22	2.3	40.9
E847123		4490.0	2.35	20.70	0.25	2.0	0.055	0.72	104.0	34.8	0.90	848	2.11	4.98	3.0	32.3
E847124		38.0	2.72	15.85	0.11	1.5	0.023	2.85	14.8	14.1	0.52	613	0.47	3.21	10.0	11.7
E847125		23.5	3.37	20.20	0.15	1.7	0.047	3.19	25.9	31.9	1.13	1205	0.57	2.76	14.5	25.0
E847126		9.2	2.70	20.10	0.13	0.9	0.013	4.12	16.4	15.3	0.92	836	0.24	3.11	14.2	18.5
E847127		63.8	1.71	20.40	0.09	1.0	0.009	1.41	3.6	5.9	0.22	658	0.23	5.94	13.4	3.3
E847128		25.8	1.46	15.00	0.14	0.5	0.023	3.56	34.8	12.5	0.80	1120	0.54	1.80	3.8	19.2
E847129		2470.0	2.83	2.44	0.08	0.2	0.268	0.25	4.4	5.0	0.21	440	0.71	0.05	0.8	65.4
E847130		74.0	2.98	2.71	0.09	0.5	0.022	0.13	11.5	7.7	0.30	570	1.34	0.01	0.7	6.4
E847131		37.0	9.85	18.65	0.22	1.6	0.062	0.19	22.1	10.2	2.18	2070	3.41	3.83	18.3	27.7
E847132		5.5	7.16	19.45	0.14	0.8	0.105	1.42	23.1	4.8	0.15	2340	8.07	1.57	1.9	14.0
E847133		10.5	26.30	5.09	0.29	0.6	1.260	0.83	20.7	2.6	0.07	11150	0.31	0.03	1.9	69.7
E847134		319.0	6.67	4.39	0.12	0.4	0.173	0.58	13.8	5.7	0.13	3950	0.65	0.04	1.3	13.4
E847065		3000.0	4.11	4.89	0.09	0.6	0.522	0.08	8.6	16.0	1.29	686	0.35	0.05	1.1	34.6
E847066		7780.0	2.78	0.67	0.07	0.1	0.684	0.05	1.0	3.4	0.41	1335	0.94	0.03	0.2	41.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E847117		80	4.0	66.5	<0.002	<0.01	0.53	2.2	1	1.1	4.9	0.28	<0.05	19.2	0.084	0.39
E847118		180	10.9	164.0	<0.002	0.03	0.83	9.8	2	3.1	44.8	1.27	<0.05	28.4	0.298	1.03
E847119		1620	6.5	21.8	<0.002	0.24	0.61	2.5	2	0.3	22.5	0.09	0.17	30.1	0.036	0.10
E847120		1230	1.9	30.7	<0.002	0.24	0.52	6.0	2	0.3	35.5	0.10	0.11	9.1	0.039	0.11
E847121		1240	2.3	67.6	<0.002	0.44	0.92	5.7	3	0.6	23.7	0.14	0.53	7.8	0.055	0.25
E847122		950	1.5	65.1	<0.002	0.24	0.87	8.1	2	0.9	25.1	0.17	0.17	8.1	0.078	0.20
E847123		660	1.8	62.4	<0.002	0.23	0.73	8.6	2	0.8	51.5	0.21	0.16	22.5	0.071	0.20
E847124		710	2.0	170.0	<0.002	<0.01	0.64	9.9	2	2.7	137.5	0.74	<0.05	15.5	0.302	0.38
E847125		700	4.0	188.5	<0.002	<0.01	1.05	12.0	2	2.9	83.1	1.04	<0.05	16.5	0.297	0.64
E847126		10	6.4	124.0	<0.002	<0.01	0.57	8.8	2	2.4	58.3	1.30	<0.05	15.8	0.210	0.37
E847127		20	15.6	25.0	<0.002	<0.01	1.05	3.3	2	1.7	58.9	0.90	<0.05	19.3	0.148	0.15
E847128		970	9.6	120.5	<0.002	<0.01	0.38	7.0	2	1.0	80.4	0.31	<0.05	8.4	0.128	0.38
E847129		50	5.9	12.2	<0.002	0.18	5.17	1.5	2	0.7	8.6	<0.05	0.15	1.7	0.012	0.07
E847130		70	1.9	5.6	<0.002	0.01	0.37	1.4	1	0.2	2.8	0.05	<0.05	3.0	0.016	0.02
E847131		2210	3.1	13.6	0.002	2.27	1.17	33.6	3	1.6	54.2	1.04	0.39	3.6	0.898	0.07
E847132		90	2.5	101.5	<0.002	1.23	1.39	7.3	2	2.1	8.2	0.14	0.17	13.6	0.045	0.22
E847133		150	4.3	42.5	<0.002	0.39	8.66	4.6	1	3.2	113.0	0.11	0.06	9.1	0.027	0.18
E847134		80	6.9	35.1	<0.002	0.03	4.85	4.8	1	0.7	13.1	0.07	<0.05	3.8	0.024	0.13
E847065		110	5.2	4.7	<0.002	0.40	3.37	2.0	2	0.6	8.2	0.06	<0.05	2.8	0.021	0.04
E847066		40	2.6	3.0	<0.002	0.76	3.32	1.1	5	1.1	7.4	<0.05	0.10	0.3	<0.005	0.03

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07074499

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E847117		2.8	12	0.6	5.9	11	64.0		
E847118		4.8	47	2.3	17.9	36	65.1		
E847119		107.5	9	1.1	15.4	9	10.6		
E847120		2.1	13	1.0	11.7	11	11.6		
E847121		2.7	20	2.2	11.9	11	18.5		
E847122		2.4	35	2.0	11.0	7	26.1		
E847123		3.2	30	1.9	17.0	11	58.4		
E847124		2.5	54	1.9	21.0	13	38.3		
E847125		2.5	59	2.7	18.1	36	48.6		
E847126		38.7	55	2.4	16.5	39	23.8		
E847127		95.6	33	1.9	16.7	19	25.9		
E847128		30.8	32	1.9	26.1	404	14.8		
E847129		1.1	7	0.5	3.5	14	3.9		
E847130		0.9	10	0.4	3.3	15	12.7		
E847131		0.6	206	7.0	19.4	17	60.3		
E847132		1.3	27	1.4	5.3	7	20.3		
E847133		27.6	22	5.4	8.4	11	22.3		
E847134		0.9	12	0.5	4.2	12	15.1		
E847065		1.3	13	0.2	8.0	19	22.7		
E847066		0.5	1	0.1	76.5	8	0.6		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-AUG-2007
Account: EIAFRG

CERTIFICATE TR07076808

Project: Werneckes

P.O. No.: FRG07-01

This report is for 72 Rock samples submitted to our lab in Terrace, BC, Canada on 16-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07076808

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E839512		5.75	<0.005	0.01	9.48	1.5	1180	4.41	0.05	0.12	0.02	59.60	5.2	55	8.74	2.6
E839513		5.30	<0.005	0.01	9.75	1.4	1360	4.67	0.08	0.28	<0.02	30.40	6.7	54	8.98	4.1
E839514		4.34	<0.005	0.02	7.28	1.4	1000	3.11	0.05	0.67	<0.02	79.20	5.7	38	6.52	2.5
E839515		7.32	<0.005	0.01	9.24	1.2	1270	4.09	0.07	0.19	0.03	121.50	5.7	49	8.46	2.5
E839516		6.00	<0.005	0.02	8.83	1.4	1120	3.36	0.05	0.21	0.02	133.00	6.3	48	7.95	3.2
E839517		5.90	<0.005	0.02	6.28	1.1	820	2.29	0.07	0.18	<0.02	>500	5.0	37	5.98	2.5
E839518		6.13	<0.005	0.02	6.97	1.5	990	2.76	0.11	0.14	<0.02	232.00	10.7	39	6.22	3.5
E839519		4.78	<0.005	0.01	7.33	1.5	1140	3.01	0.04	0.21	<0.02	475.00	14.3	44	6.92	8.2
E839520		3.99	<0.005	0.03	4.60	2.2	410	1.46	0.04	0.44	0.02	73.40	14.4	25	3.42	3.4
E839521		5.14	<0.005	0.02	7.55	1.2	810	2.85	0.04	0.37	0.02	103.50	4.6	39	7.03	1.7
E839522		5.30	<0.005	0.01	9.15	1.7	1050	3.47	0.04	0.20	<0.02	71.70	9.5	54	10.40	3.2
E839523		5.23	<0.005	0.01	8.94	1.1	1080	3.54	0.20	0.24	0.02	96.70	12.8	51	9.82	8.1
E839524		3.64	0.015	0.04	8.21	2.7	840	2.70	0.62	0.09	<0.02	38.40	53.8	39	7.01	25.1
E839525		3.70	0.016	0.04	6.84	2.6	540	1.92	0.56	0.28	0.02	13.15	48.8	35	3.87	13.8
E847051		5.08	<0.005	0.02	9.27	1.0	1160	3.31	0.04	0.16	<0.02	63.20	7.8	51	10.05	8.8
E847052		4.50	<0.005	0.07	7.76	1.5	800	2.48	0.06	0.12	0.02	64.00	12.0	47	7.23	16.6
E847053		5.56	<0.005	0.02	9.73	1.3	1060	3.10	0.07	0.11	<0.02	73.40	6.8	47	10.00	18.6
E847054		5.31	<0.005	0.03	9.40	1.0	1020	3.12	0.05	0.12	<0.02	73.80	7.8	67	9.44	6.5
E847055		4.95	<0.005	0.02	9.08	1.2	930	2.70	0.06	0.13	0.02	48.90	7.1	47	8.05	8.8
E847056		4.20	<0.005	0.03	7.22	1.1	560	1.99	0.05	0.10	0.03	39.10	10.6	32	4.46	15.2
E847057		4.82	<0.005	0.02	7.70	0.8	980	2.65	0.04	0.15	<0.02	141.50	6.5	47	8.11	8.8
E847058		4.08	<0.005	0.05	8.19	1.1	670	2.20	0.13	0.28	0.04	38.30	10.5	38	5.97	20.7
E847059		4.34	<0.005	0.02	7.41	1.1	600	2.05	0.11	0.16	0.02	37.80	6.8	37	5.52	11.3
E847060		4.31	<0.005	0.04	7.55	1.3	560	2.02	0.08	0.15	0.02	246.00	8.2	33	4.78	6.6
E847061		3.76	<0.005	0.03	7.62	1.5	480	1.86	0.08	0.17	0.02	71.10	12.3	49	3.97	9.2
E847062		3.85	<0.005	0.02	7.21	1.9	460	1.86	0.07	0.28	<0.02	79.60	6.4	37	3.96	6.4
E847063		3.95	<0.005	0.01	8.90	1.3	560	2.22	0.07	0.27	0.02	62.20	10.7	39	4.83	4.8
E847064		4.07	<0.005	0.05	7.92	1.4	530	2.06	0.09	0.21	<0.02	48.20	6.2	36	4.68	7.9
E839964		5.22	<0.005	0.01	8.57	1.2	930	3.24	0.04	0.13	0.02	119.50	5.9	52	9.57	2.2
E839965		5.47	<0.005	0.01	9.04	1.2	1020	3.42	0.07	0.13	<0.02	96.20	7.7	46	10.10	5.4
E839966		4.92	<0.005	0.03	8.83	1.3	1160	3.39	0.06	0.15	<0.02	175.00	7.4	51	10.60	5.1
E839967		4.09	<0.005	0.01	9.52	1.0	1130	3.60	0.05	0.14	0.02	150.50	6.2	52	10.75	2.8
E839968		4.80	<0.005	0.01	8.87	0.9	1070	3.45	0.04	0.11	<0.02	132.50	5.3	51	10.35	1.7
E839969		6.16	<0.005	0.01	9.25	1.0	1120	3.71	0.07	0.09	0.02	142.00	5.3	54	10.25	1.7
E839970		6.17	<0.005	0.01	9.02	1.1	1010	3.22	0.07	0.09	<0.02	133.50	9.0	49	9.09	4.4
E839971		6.46	<0.005	0.03	9.04	1.0	1050	3.48	0.12	0.12	<0.02	118.50	7.7	57	9.99	2.2
E839972		5.85	<0.005	0.07	9.44	1.0	1200	3.59	0.07	0.10	<0.02	132.00	6.2	48	10.45	1.9
E839973		5.95	<0.005	0.03	7.77	1.2	1440	2.81	0.07	0.15	<0.02	94.10	7.9	41	7.40	5.9
E846120		0.74	0.008	0.08	6.10	66.9	520	0.19	0.83	0.17	<0.02	>500	30.3	41	0.40	2.5
E846121		1.42	0.005	0.10	6.98	83.7	360	0.44	1.11	0.74	<0.02	136.00	76.9	38	0.29	2.3

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07076808

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E839512		3.66	30.90	0.12	4.1	0.116	4.78	28.4	16.5	0.62	115	0.20	0.21	7.4	30.4	510
E839513		4.75	32.30	0.12	4.0	0.122	4.52	14.5	23.9	0.75	194	0.42	0.21	6.1	36.5	1330
E839514		2.95	23.30	0.12	3.1	0.077	3.11	40.3	25.0	0.62	229	0.20	0.16	5.1	27.6	3070
E839515		3.70	29.30	0.16	3.9	0.115	4.18	61.2	18.8	0.60	204	0.28	0.20	6.0	29.3	650
E839516		3.76	27.00	0.17	3.2	0.095	3.88	65.5	26.0	0.62	249	0.64	0.32	4.8	31.3	850
E839517		3.24	21.60	0.51	2.5	0.064	2.65	289.0	14.4	0.45	156	0.33	0.43	3.8	27.9	880
E839518		2.94	21.20	0.23	2.4	0.073	2.80	115.0	14.3	0.43	114	0.81	0.62	4.0	27.8	660
E839519		5.97	23.30	0.42	2.1	0.065	2.88	232.0	16.9	0.65	145	1.26	0.53	3.2	42.2	1110
E839520		3.19	10.40	0.10	1.0	0.032	1.27	36.9	11.1	0.42	210	1.25	0.96	1.6	25.3	1910
E839521		2.78	20.50	0.13	2.4	0.056	2.62	51.2	15.1	0.49	138	0.68	1.34	3.6	27.4	1670
E839522		5.24	26.50	0.14	2.5	0.077	3.76	36.0	16.8	0.78	135	1.17	0.74	4.1	45.6	900
E839523		4.92	25.60	0.15	3.1	0.080	3.57	48.7	20.9	1.02	190	0.67	0.87	4.4	52.9	1080
E839524		3.37	22.60	0.10	2.8	0.063	2.55	20.2	23.2	1.39	158	6.26	1.45	4.4	42.0	250
E839525		2.59	16.15	0.06	2.6	0.036	1.59	7.1	23.0	1.33	429	6.78	1.54	3.0	42.4	810
E847051		3.85	27.20	0.12	3.5	0.081	4.15	33.2	12.6	0.35	97	0.38	0.27	4.9	28.5	740
E847052		5.29	21.20	0.13	3.0	0.060	2.87	33.6	14.5	0.39	157	0.92	0.91	3.3	44.2	450
E847053		3.90	26.60	0.13	3.5	0.077	3.75	37.9	11.2	0.31	83	0.70	1.45	5.1	28.1	410
E847054		4.16	27.70	0.13	3.9	0.070	3.57	37.9	12.1	0.39	103	13.50	1.29	6.2	33.6	460
E847055		4.34	23.90	0.11	3.2	0.064	3.13	25.7	12.5	0.38	140	1.18	1.55	4.4	34.4	400
E847056		4.37	15.70	0.10	2.0	0.041	1.92	20.0	8.2	0.24	162	1.06	2.17	3.1	27.9	150
E847057		4.14	23.60	0.18	3.4	0.066	3.22	73.4	9.3	0.29	83	0.53	0.52	6.5	28.8	710
E847058		3.61	19.55	0.09	2.6	0.050	2.44	20.2	11.5	0.32	222	0.96	1.97	3.9	29.7	660
E847059		3.29	17.65	0.08	2.4	0.047	2.20	19.4	8.8	0.27	129	1.16	1.86	3.7	25.2	440
E847060		2.49	18.05	0.23	1.9	0.040	1.89	130.0	9.0	0.24	134	0.38	2.40	3.9	20.3	410
E847061		5.33	16.20	0.13	2.0	0.033	1.58	38.8	17.2	0.43	463	2.40	2.55	2.9	37.2	390
E847062		4.45	15.80	0.13	2.5	0.032	1.60	43.9	10.0	0.32	204	2.17	2.40	3.7	30.3	690
E847063		4.13	19.20	0.13	2.6	0.037	1.96	35.5	12.1	0.33	211	0.57	3.32	3.5	31.1	510
E847064		2.90	17.50	0.10	3.1	0.036	1.90	25.5	9.4	0.33	142	0.52	2.58	4.9	28.3	660
E839964		3.87	25.30	0.18	3.4	0.068	3.82	59.2	14.4	0.50	169	0.48	0.55	5.7	28.8	560
E839965		3.65	25.50	0.16	3.6	0.073	3.75	49.0	14.5	0.52	131	0.45	0.58	5.7	32.6	610
E839966		4.76	27.30	0.23	3.4	0.082	4.01	86.6	11.9	0.46	106	0.41	0.27	5.6	32.8	770
E839967		4.28	28.80	0.21	4.0	0.081	4.40	77.8	14.1	0.54	211	0.49	0.21	7.0	33.3	690
E839968		3.66	27.40	0.19	4.0	0.078	4.18	66.2	12.3	0.49	180	0.31	0.20	7.0	29.5	450
E839969		3.38	29.50	0.19	4.8	0.086	4.27	69.3	11.1	0.43	151	0.31	0.22	8.8	26.2	540
E839970		4.75	27.30	0.20	3.4	0.082	3.86	68.0	15.9	0.66	177	0.79	0.46	5.6	41.0	480
E839971		4.12	27.70	0.20	3.8	0.081	3.81	58.2	11.5	0.42	89	0.51	0.56	7.0	30.2	630
E839972		4.04	29.50	0.16	3.9	0.080	4.35	66.9	13.3	0.58	140	0.36	0.25	7.2	35.7	550
E839973		4.35	22.90	0.13	3.0	0.087	3.38	48.4	11.4	0.49	252	0.82	0.31	6.4	29.5	610
E846120		5.13	16.30	0.73	1.7	0.007	4.77	369.0	18.0	0.90	136	1.27	0.67	6.7	41.0	650
E846121		6.15	18.55	0.21	1.8	0.010	3.40	75.0	25.8	1.20	832	0.32	1.96	5.6	115.0	800

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07076808

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E839512		2.4	281.0	0.002	<0.01	0.85	16.5	1	4.3	17.0	0.51	<0.05	21.7	0.210	0.66	3.4
E839513		2.5	273.0	<0.002	<0.01	0.95	18.9	1	4.7	21.4	0.41	0.06	18.2	0.147	0.74	3.0
E839514		2.8	207.0	<0.002	<0.01	0.62	11.6	1	3.2	21.2	0.36	<0.05	17.7	0.115	0.53	2.6
E839515		2.6	271.0	<0.002	<0.01	0.81	16.2	1	4.1	17.3	0.41	0.05	25.6	0.151	0.67	5.3
E839516		2.6	248.0	<0.002	<0.01	0.84	14.0	1	3.7	20.4	0.35	<0.05	21.1	0.145	0.65	2.8
E839517		3.7	178.0	0.002	0.01	0.72	10.6	2	2.6	18.1	0.29	<0.05	34.1	0.101	0.46	4.1
E839518		3.3	191.0	<0.002	0.02	0.75	11.3	1	2.9	21.8	0.29	0.07	13.5	0.107	0.49	8.7
E839519		3.2	187.0	<0.002	0.01	0.91	12.9	2	2.7	23.7	0.24	<0.05	19.9	0.107	0.51	3.2
E839520		3.2	85.9	<0.002	0.03	0.74	5.5	1	1.2	24.3	0.12	<0.05	7.2	0.059	0.25	1.1
E839521		3.4	175.0	<0.002	<0.01	0.80	11.1	1	2.3	31.1	0.27	<0.05	19.3	0.111	0.51	5.2
E839522		2.5	239.0	<0.002	0.01	0.97	15.9	1	3.1	31.6	0.30	<0.05	18.6	0.147	0.76	2.5
E839523		2.7	223.0	<0.002	0.01	0.86	14.2	1	3.7	32.8	0.33	0.16	21.1	0.140	0.70	3.1
E839524		3.3	159.0	<0.002	0.08	0.78	12.5	3	3.7	38.7	0.32	0.68	15.1	0.109	0.48	3.5
E839525		3.4	103.0	<0.002	0.06	0.75	9.2	4	2.7	41.5	0.25	0.75	15.0	0.077	0.29	4.0
E847051		2.8	260.0	<0.002	0.01	0.53	14.5	1	4.9	22.1	0.33	<0.05	20.2	0.147	0.71	7.5
E847052		4.5	186.0	<0.002	<0.01	0.77	10.4	1	3.4	29.0	0.21	0.06	22.6	0.105	0.50	13.2
E847053		2.7	246.0	<0.002	<0.01	0.57	13.0	1	4.1	35.4	0.34	0.05	19.6	0.131	0.70	4.3
E847054		3.2	233.0	<0.002	<0.01	0.53	14.8	2	5.0	33.1	0.41	<0.05	28.0	0.140	0.66	4.5
E847055		3.4	211.0	<0.002	<0.01	0.51	12.2	2	3.5	35.3	0.29	0.05	18.3	0.118	0.58	3.3
E847056		4.3	130.0	<0.002	<0.01	0.57	8.6	1	2.5	36.5	0.22	<0.05	13.6	0.081	0.34	7.5
E847057		3.7	219.0	<0.002	<0.01	0.71	13.9	1	3.9	21.1	0.48	<0.05	24.5	0.148	0.61	34.8
E847058		3.9	167.5	<0.002	0.01	0.60	10.1	2	2.9	40.3	0.28	0.10	16.3	0.100	0.44	3.8
E847059		5.6	149.5	<0.002	<0.01	0.61	8.8	1	2.5	37.4	0.26	0.05	15.6	0.086	0.41	15.4
E847060		5.5	128.5	<0.002	0.01	0.57	7.9	2	2.5	43.6	0.27	0.06	31.3	0.089	0.33	27.2
E847061		4.1	108.0	<0.002	<0.01	1.94	6.2	1	2.1	43.3	0.21	0.05	12.4	0.075	0.28	5.8
E847062		5.1	108.5	<0.002	<0.01	1.22	6.6	2	2.3	45.1	0.26	<0.05	26.9	0.082	0.27	43.7
E847063		5.2	132.5	<0.002	0.01	0.63	8.0	2	2.9	59.6	0.25	0.05	21.2	0.085	0.33	33.7
E847064		7.3	130.0	<0.002	<0.01	0.94	8.6	2	2.8	46.1	0.32	0.06	37.6	0.104	0.32	125.0
E839964		2.4	246.0	<0.002	<0.01	0.75	14.1	2	4.0	23.7	0.42	<0.05	22.3	0.173	0.71	6.2
E839965		2.8	253.0	<0.002	0.01	0.84	13.9	2	3.9	23.1	0.42	0.05	22.1	0.152	0.75	3.3
E839966		2.4	266.0	<0.002	<0.01	0.71	15.1	2	4.1	21.5	0.40	0.06	24.4	0.155	0.75	3.2
E839967		2.3	283.0	<0.002	<0.01	0.78	16.8	2	4.5	20.7	0.52	0.06	21.4	0.178	0.83	3.2
E839968		2.2	272.0	<0.002	<0.01	0.68	16.3	2	4.3	19.5	0.53	<0.05	19.7	0.173	0.80	3.2
E839969		2.3	265.0	<0.002	<0.01	0.73	16.1	1	4.7	20.4	0.67	0.06	21.5	0.194	0.86	3.7
E839970		2.5	251.0	<0.002	<0.01	0.63	14.9	2	4.0	21.1	0.41	0.06	19.7	0.147	0.71	3.9
E839971		2.4	256.0	<0.002	0.01	0.69	16.1	1	4.4	24.3	0.51	0.11	22.4	0.168	0.76	16.2
E839972		2.5	278.0	0.002	<0.01	0.76	17.4	1	4.5	21.6	0.58	0.06	19.6	0.189	0.81	3.1
E839973		2.2	222.0	<0.002	0.01	0.74	14.0	1	3.3	23.6	0.52	0.06	17.9	0.165	0.62	2.5
E846120		4.6	109.0	0.003	0.96	1.08	5.4	3	1.0	15.2	0.62	0.17	12.3	0.227	0.24	3.3
E846121		4.2	69.2	<0.002	2.28	0.63	6.2	2	1.0	22.7	0.60	0.24	15.0	0.158	0.15	2.7

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07076808

Sample Description	Method / Analyte / Units / LOR	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
E839512		79	4.6	10.9	5	118.0	
E839513		82	3.6	10.0	10	110.0	
E839514		50	3.5	12.5	10	85.6	
E839515		69	4.4	12.0	7	105.5	
E839516		64	5.8	11.1	9	87.8	
E839517		44	4.5	14.8	7	69.0	
E839518		45	3.9	8.9	7	68.6	
E839519		59	3.0	12.6	8	55.8	
E839520		25	1.5	6.6	9	28.3	
E839521		47	1.5	9.4	7	67.0	
E839522		70	1.6	8.7	8	69.9	
E839523		63	3.9	9.7	9	86.5	
E839524		60	4.4	5.7	11	78.6	
E839525		51	4.0	6.6	17	74.8	
E847051		69	5.4	10.6	4	99.5	
E847052		58	4.3	10.0	8	83.8	
E847053		61	5.6	9.8	4	101.0	
E847054		68	6.0	10.5	5	109.0	
E847055		57	4.0	9.5	8	93.1	
E847056		33	4.8	6.0	6	56.8	
E847057		57	4.8	10.6	4	96.4	
E847058		44	4.5	8.3	9	73.8	
E847059		40	3.9	7.9	7	66.6	
E847060		34	3.6	8.7	7	54.6	
E847061		41	3.8	7.6	13	58.0	
E847062		37	4.7	9.9	7	71.5	
E847063		43	4.7	10.2	7	75.8	
E847064		39	5.0	16.0	7	88.2	
E839964		68	3.7	10.7	4	95.3	
E839965		63	3.4	11.3	5	98.6	
E839966		70	3.8	11.7	4	94.0	
E839967		71	4.6	12.9	5	111.0	
E839968		68	4.1	12.4	3	110.5	
E839969		71	5.3	13.1	3	135.0	
E839970		66	4.0	11.1	6	95.2	
E839971		69	4.7	11.8	2	106.5	
E839972		74	4.9	12.3	5	122.0	
E839973		58	4.3	10.2	5	92.2	
E846120		60	2.7	9.3	6	53.9	
E846121		118	1.7	5.2	10	56.8	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07076808

Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E846122	0.89	<0.005	0.06	2.01	20.6	110	0.16	0.35	5.71	0.02	>500	15.4	11	0.18	0.8
E846123	0.68	0.021	0.43	5.68	92.6	60	0.89	3.04	2.02	0.04	60.80	2190.0	55	0.12	5.4
E846124	0.89	0.016	0.26	6.16	108.5	250	0.49	2.91	0.27	<0.02	>500	365.0	36	0.63	7.6
E846125	1.26	0.013	0.39	0.95	6.2	90	0.49	0.43	0.76	0.03	44.70	18.5	16	1.22	753.0
E846126	0.86	<0.005	0.03	0.78	5.7	<10	0.18	0.11	3.32	<0.02	392.00	9.7	5	0.12	25.3
E846127	0.73	0.022	1.02	0.45	61.5	90	0.37	7.42	0.06	<0.02	12.90	5.0	7	0.29	14.7
E846128	0.72	0.023	1.96	1.42	89.9	110	0.30	6.20	0.08	<0.02	66.80	6.4	15	0.58	40.6
E846129	1.01	0.011	0.13	7.32	175.0	140	0.40	2.72	2.08	<0.02	182.00	136.5	23	0.78	45.6
E846130	0.97	<0.005	0.48	0.45	25.6	10	0.22	2.24	0.02	0.03	1.67	119.0	8	0.10	3020.0
E846131	0.56	0.006	0.26	6.88	25.3	160	1.01	2.20	4.44	0.02	34.40	386.0	13	0.16	13.9
E846132	1.20	0.021	0.09	2.89	86.1	30	0.71	0.47	0.31	<0.02	5.52	259.0	77	0.28	51.8
E846133	1.54	0.017	0.07	1.72	28.1	20	0.38	0.30	1.53	<0.02	12.50	203.0	24	0.22	553.0
E846134	1.66	0.016	0.08	1.14	32.4	20	0.18	0.39	1.24	0.02	22.60	364.0	5	0.24	643.0
E846135	2.07	0.015	0.08	0.29	21.3	20	0.21	0.48	2.72	<0.02	7.00	201.0	<1	0.17	133.0
E846136	2.13	0.009	0.10	2.09	16.8	40	0.34	0.55	0.23	<0.02	34.00	304.0	15	0.25	14.2
E846137	1.51	<0.005	0.04	0.48	16.3	10	0.15	0.25	2.72	0.02	3.91	407.0	<1	0.27	9.3
E846138	2.05	0.005	0.04	1.06	17.3	20	0.17	0.17	2.00	<0.02	8.60	213.0	8	0.36	18.5
E846139	1.08	<0.005	0.04	4.56	7.5	360	1.19	0.14	0.34	0.02	62.90	264.0	29	1.86	23.9
E846140	1.20	0.056	0.18	6.20	40.9	90	0.51	1.27	0.07	<0.02	72.70	178.0	25	0.48	15.7
E846141	1.18	0.012	0.44	6.73	75.3	1650	1.90	1.79	3.94	0.03	111.50	127.5	38	1.94	6530.0
E846142	0.91	0.053	4.77	6.69	150.5	150	2.62	12.55	0.19	<0.02	75.40	110.0	50	2.25	>10000
E846143	1.19	0.042	5.56	7.38	110.5	780	1.94	23.60	0.24	<0.02	146.00	58.2	51	2.08	2380.0
E839782	1.19	<0.005	0.34	8.85	3.7	130	2.30	0.16	0.42	0.02	259.00	2.1	55	0.31	42.1
E839783	0.82	<0.005	0.07	8.29	17.7	40	1.54	0.26	0.42	0.03	111.00	3.5	40	0.26	22.4
E839784	1.22	<0.005	0.14	8.09	6.6	40	1.53	0.12	0.16	0.02	210.00	15.8	24	0.14	16.0
E839785	0.79	0.009	0.16	7.39	7.1	1810	0.31	0.25	4.26	0.02	102.50	25.3	48	0.91	12.6
E839786	1.11	0.012	3.56	7.39	33.9	880	2.49	31.00	0.18	0.05	51.50	38.3	51	2.49	1850.0
E839787	1.29	<0.005	0.04	1.66	2.8	460	0.48	0.25	1.67	0.02	27.80	74.4	19	1.35	30.6
E839614	0.70	<0.005	0.13	1.18	4.3	50	1.09	1.17	0.06	0.03	22.60	45.3	21	0.72	524.0
E839615	1.16	0.020	2.66	8.03	15.5	640	1.35	7.93	0.13	<0.02	80.80	23.1	59	1.72	5200.0
E839616	1.01	0.005	0.04	6.87	7.6	1320	0.44	0.14	1.27	0.02	83.20	18.0	42	1.04	65.8
E839617	0.78	0.008	0.16	0.76	12.3	430	0.26	1.41	2.73	0.03	3.99	23.0	25	0.66	5240.0

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846122		15.95	17.85	1.76	0.6	0.048	0.68	1010.0	18.6	2.52	5180	1.66	0.15	8.9	43.4	2150
E846123		18.20	15.85	0.26	0.5	0.009	0.05	32.1	1.2	0.83	632	0.71	3.97	0.6	235.0	110
E846124		7.37	13.55	0.53	1.4	0.020	4.02	305.0	35.1	1.03	474	3.16	0.73	4.9	81.4	710
E846125		2.03	2.92	<0.05	0.3	0.055	0.30	29.1	8.6	0.24	1860	19.60	0.07	0.8	15.6	50
E846126		>50	30.00	1.26	0.3	0.040	0.02	293.0	2.3	0.91	2080	7.11	0.28	11.0	96.5	2560
E846127		3.19	2.64	0.20	0.2	0.030	0.23	9.9	3.1	0.05	60	526.00	<0.01	5.8	3.2	190
E846128		6.65	5.45	0.10	0.5	0.039	0.78	57.2	6.1	0.10	84	61.30	0.01	9.8	3.5	140
E846129		9.80	18.70	0.19	1.9	0.147	0.25	123.5	14.8	1.73	3480	10.90	4.38	6.6	39.6	1150
E846130		1.30	0.45	<0.05	0.1	0.106	0.03	0.7	3.0	0.04	312	2.42	0.02	0.4	26.2	20
E846131		8.53	20.90	0.09	1.5	0.029	0.05	20.1	1.6	2.11	1945	6.71	4.75	3.5	43.8	740
E846132		40.60	12.75	0.49	0.2	0.024	0.03	3.2	16.9	0.86	942	1.06	1.13	0.6	312.0	70
E846133		45.40	12.60	0.71	0.2	0.018	0.02	6.7	5.5	0.89	1475	0.59	0.95	0.5	271.0	70
E846134		42.50	10.30	0.68	0.2	0.040	0.02	12.9	6.8	1.93	6630	3.95	0.38	0.5	308.0	90
E846135		>50	12.25	1.34	0.1	0.035	0.01	3.4	3.1	2.26	4260	2.19	<0.01	0.5	336.0	20
E846136		27.60	10.70	0.27	0.5	0.013	0.11	19.6	16.9	0.73	687	1.45	0.31	1.4	180.0	240
E846137		47.60	11.35	0.88	0.1	0.055	0.01	1.8	3.8	3.03	7950	7.14	0.10	0.5	343.0	20
E846138		43.20	13.15	0.37	0.2	0.024	0.07	4.4	5.7	1.12	1750	3.51	0.22	0.5	349.0	1260
E846139		3.56	10.40	0.09	1.6	0.033	1.15	33.0	5.2	0.26	743	0.84	1.44	2.8	24.2	490
E846140		7.25	12.05	0.13	1.2	0.017	0.27	42.3	1.2	0.07	174	8.04	4.02	2.8	18.6	130
E846141		7.25	16.10	0.23	2.5	0.089	5.55	51.8	16.1	2.15	3470	12.85	0.07	6.1	33.4	690
E846142		8.30	18.80	0.53	3.0	0.109	5.19	35.6	24.0	0.47	256	12.45	0.04	8.8	41.8	700
E846143		7.29	18.30	0.29	2.7	0.068	5.35	83.2	19.1	0.50	334	17.50	0.06	6.2	29.8	410
E839782		1.21	24.80	0.21	4.2	0.007	0.08	138.5	46.7	0.64	212	3.08	7.01	7.4	19.6	970
E839783		0.71	21.50	0.11	4.2	0.005	0.19	60.3	5.5	0.20	46	6.81	7.15	11.1	5.0	1660
E839784		0.47	21.30	0.17	4.5	<0.005	0.08	113.5	4.3	0.09	134	3.91	7.76	14.0	11.7	350
E839785		6.11	14.55	0.19	2.2	0.078	5.85	63.2	3.2	1.81	2500	2.07	0.12	10.2	16.9	840
E839786		3.31	36.90	0.16	2.0	0.118	4.77	21.9	69.6	0.96	55	1.04	0.04	9.1	30.9	1060
E839787		3.07	4.74	0.08	0.5	0.029	0.77	12.2	23.3	0.08	224	1.20	0.02	1.2	8.6	8190
E839614		1.63	3.28	0.06	0.6	0.049	0.53	10.6	10.7	0.08	501	0.52	0.01	1.2	23.9	60
E839615		3.87	24.40	0.18	2.7	0.095	5.38	42.4	61.4	1.40	80	0.98	0.06	7.9	39.4	840
E839616		6.46	23.20	0.18	2.4	0.037	5.28	42.9	50.8	1.95	794	1.04	0.08	8.4	48.5	760
E839617		1.48	2.12	<0.05	0.3	0.062	0.38	1.8	2.6	1.24	1760	7.52	0.01	0.6	9.4	190

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 8-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07076808

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846122		1.7	16.3	0.004	0.53	1.32	27.4	4	6.9	20.9	0.25	0.17	6.6	0.041	0.02	1.4
E846123		5.4	1.8	0.006	>10.0	0.47	68.0	11	0.4	69.2	0.08	1.30	8.4	0.026	0.06	1.2
E846124		4.7	99.9	0.002	3.57	1.48	5.4	6	0.8	16.2	0.41	0.41	15.1	0.129	0.23	6.6
E846125		5.8	20.0	<0.002	0.13	1.95	2.5	1	0.4	14.1	0.07	0.07	3.4	0.020	0.10	11.9
E846126		1.2	1.3	0.010	0.02	0.53	1.6	2	1.0	13.8	0.25	0.36	3.8	0.018	<0.02	2.8
E846127		7.8	15.0	0.015	1.39	3.28	0.2	4	3.5	2.7	0.10	0.85	0.3	0.021	1.70	2.4
E846128		14.8	47.3	0.004	6.55	5.10	1.3	2	3.0	3.9	0.14	0.14	1.1	0.040	45.80	1.2
E846129		4.9	6.3	<0.002	4.73	1.66	5.7	5	1.2	22.3	0.38	0.99	12.5	0.102	0.32	2.5
E846130		8.7	1.4	<0.002	0.07	0.93	0.4	2	<0.2	2.5	<0.05	<0.05	0.2	<0.005	4.18	9.3
E846131		4.1	1.4	0.002	6.68	0.71	12.2	4	1.1	29.3	0.29	0.59	7.3	0.081	0.13	1.7
E846132		3.5	1.8	<0.002	0.25	1.37	1.6	2	<0.2	34.6	<0.05	0.60	0.6	0.009	<0.02	0.7
E846133		2.5	1.1	<0.002	0.59	0.88	2.5	2	<0.2	35.0	<0.05	0.35	1.7	0.007	<0.02	0.9
E846134		4.2	0.9	<0.002	0.57	0.82	4.9	2	<0.2	19.9	<0.05	0.38	1.9	0.005	<0.02	1.8
E846135		3.6	0.6	<0.002	0.54	0.98	6.4	2	<0.2	26.1	<0.05	0.57	0.4	0.005	<0.02	0.4
E846136		2.8	6.5	<0.002	1.07	1.22	5.8	2	0.4	8.9	0.09	0.33	3.8	0.033	<0.02	1.2
E846137		4.2	0.9	<0.002	1.08	0.62	5.7	2	<0.2	28.2	<0.05	0.36	0.3	0.005	<0.02	0.3
E846138		3.1	5.0	<0.002	0.32	0.64	6.5	2	0.2	19.7	<0.05	0.32	1.4	0.009	<0.02	0.6
E846139		4.0	76.4	<0.002	0.40	1.06	6.5	3	1.6	28.9	0.22	0.17	8.1	0.091	0.15	3.2
E846140		4.4	17.9	<0.002	0.46	0.79	4.7	4	1.2	39.9	0.25	2.48	7.2	0.073	0.04	1.4
E846141		13.6	221.0	<0.002	0.24	3.75	10.6	5	3.0	32.9	0.51	0.14	13.6	0.206	0.52	338.0
E846142		585.0	222.0	0.002	3.07	103.00	11.0	116	3.4	62.5	0.71	0.28	14.1	0.235	1.44	960.0
E846143		122.5	187.5	0.002	0.89	44.20	10.4	29	3.4	256.0	0.49	0.25	9.6	0.205	2.97	92.3
E839782		30.1	4.3	<0.002	<0.01	2.24	8.4	2	0.4	43.8	0.64	<0.05	29.1	0.170	0.06	90.1
E839783		3.5	10.2	0.002	0.04	0.84	4.2	2	1.6	34.4	0.87	0.08	12.0	0.286	0.03	4.8
E839784		2.5	3.1	<0.002	0.04	0.85	4.3	2	1.6	40.0	1.04	<0.05	17.9	0.350	0.02	5.8
E839785		11.7	104.5	<0.002	0.27	2.60	12.9	3	2.9	22.9	0.89	0.09	16.3	0.256	0.74	8.6
E839786		19.9	150.0	<0.002	0.65	4.58	19.6	2	3.5	22.1	0.79	<0.05	17.6	0.211	0.98	22.8
E839787		2.0	43.9	<0.002	0.06	2.48	2.6	2	0.6	24.6	0.08	0.10	3.9	0.037	0.20	2.8
E839614		3.5	22.1	<0.002	0.08	0.69	1.8	2	0.5	15.8	0.09	<0.05	2.5	0.034	0.14	1.0
E839615		13.6	119.0	<0.002	0.44	3.82	11.6	2	3.1	19.2	0.71	<0.05	18.3	0.227	0.70	31.5
E839616		4.4	103.5	0.002	0.02	1.17	12.0	2	2.8	49.3	0.73	0.05	18.4	0.209	0.51	2.4
E839617		3.0	18.3	0.002	0.45	1.60	1.0	3	0.3	20.1	<0.05	0.09	1.7	0.014	0.13	6.4

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 8-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07076808

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	0.1	0.1	2	0.5	0.001
E846122		468	20.9	35.2	8	14.6	
E846123		46	0.7	20.7	23	15.3	
E846124		38	1.7	8.5	12	45.3	
E846125		22	0.9	5.0	14	9.0	
E846126		699	4.3	19.0	8	8.7	
E846127		272	4.4	0.9	2	7.6	
E846128		177	7.1	1.8	<2	15.8	
E846129		97	21.1	8.8	4	62.9	
E846130		2	0.2	3.7	12	5.9	
E846131		15	4.3	8.8	<2	47.9	
E846132		103	3.9	1.9	19	6.7	
E846133		101	0.8	5.0	9	7.5	
E846134		51	0.6	5.1	14	8.3	
E846135		64	1.6	6.9	9	2.1	
E846136		40	2.4	3.2	12	16.8	
E846137		73	1.8	7.8	10	1.7	
E846138		80	1.7	7.3	10	6.6	
E846139		30	2.9	6.9	6	52.2	
E846140		46	2.6	7.7	2	38.6	
E846141		66	7.8	60.0	6	79.8	
E846142		65	27.9	24.8	7	97.9	1.515
E846143		62	6.9	15.7	<2	89.3	
E839782		148	2.1	29.7	10	128.0	
E839783		63	2.6	12.9	3	131.0	
E839784		31	3.5	12.0	3	138.5	
E839785		68	7.5	15.2	5	68.8	
E839786		105	3.4	9.0	34	64.6	
E839787		20	0.8	12.3	5	14.5	
E839614		12	0.2	3.7	14	19.1	
E839615		68	4.1	8.5	62	82.8	
E839616		75	3.6	9.9	29	80.9	
E839617		11	0.3	3.9	25	10.9	

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

CERTIFICATE TR07076809

Project: Werneckes- E

P.O. No.: FRG07-01

This report is for 58 Rock samples submitted to our lab in Terrace, BC, Canada on 16-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 12-AUG-2007
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Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846254		1.98	<0.005		<0.01	9.77	7.4	2280	3.34	0.03	0.10	<0.02	148.00	12.0	42	11.45
E846255		1.29	<0.005		0.02	10.10	2.0	2700	3.66	0.05	0.09	0.03	152.00	26.0	57	12.50
E846256		1.73	<0.005		0.02	8.15	1.1	2090	2.75	0.06	0.12	0.03	114.50	40.9	53	9.97
E846257		1.97	<0.005		0.01	9.89	0.9	2440	3.29	0.03	0.09	<0.02	151.50	7.2	60	11.40
E846258		2.08	<0.005		0.02	9.77	2.0	2450	3.36	0.14	0.06	<0.02	135.50	4.6	61	11.15
E846259		2.29	<0.005		0.01	9.49	3.0	2170	3.14	0.14	0.03	0.02	130.50	5.8	51	10.35
E846260		1.91	<0.005		<0.01	9.68	1.8	2240	3.24	0.11	0.01	<0.02	135.00	4.7	52	10.50
E846261		2.79	<0.005		0.01	9.84	4.4	2140	3.27	0.15	0.06	<0.02	151.50	3.7	50	9.90
E846262		2.93	<0.005		0.01	7.41	3.5	1380	2.34	0.58	0.04	<0.02	66.70	7.7	34	6.52
E846263		2.10	<0.005		0.02	8.31	2.3	1460	2.59	0.18	0.06	0.02	76.50	9.4	35	7.00
E846264		2.86	<0.005		0.01	8.21	1.0	1360	2.80	0.19	0.09	<0.02	49.00	38.5	34	7.29
E846265		2.93	<0.005		<0.01	9.69	0.8	1730	3.59	0.04	0.05	<0.02	120.00	8.9	35	8.84
E846266		3.03	<0.005		0.02	7.53	1.1	1190	2.34	0.07	0.08	<0.02	61.70	19.5	26	5.84
E846267		2.65	0.009		0.03	7.04	1.4	1080	2.00	0.11	0.08	0.03	60.60	63.0	25	5.49
E846268		1.97	0.005		0.01	7.92	0.8	1250	2.24	0.05	0.08	<0.02	86.60	8.9	36	6.71
E846269		2.12	<0.005		0.01	6.88	1.5	900	1.99	0.11	0.09	<0.02	37.90	37.8	30	4.68
E846270		2.50	<0.005		0.02	6.36	2.0	790	1.77	0.11	0.23	0.02	10.45	25.3	32	3.99
E846271		2.89	0.005		0.25	7.00	3.1	830	1.91	0.13	0.13	0.02	29.90	42.4	29	4.66
E846272		0.98	0.017		0.22	7.64	2.6	1160	2.31	0.91	0.08	<0.02	99.90	63.9	44	6.21
E846273		2.47	<0.005		0.01	8.45	0.6	810	2.40	0.04	0.16	<0.02	57.00	13.0	28	5.07
E846274		3.47	<0.005		0.02	7.53	1.0	990	2.16	0.09	0.12	0.02	73.70	18.1	35	5.56
E846100		1.51	0.158		2.47	5.91	713.0	800	0.26	88.00	0.25	0.30	14.10	64.8	8	0.64
E846101		1.00	0.052		0.09	5.95	9.0	860	0.14	10.55	9.25	0.12	17.10	16.9	28	0.39
E846102		1.16	0.021		0.06	7.53	14.6	1080	1.42	0.75	1.04	0.10	102.00	14.5	42	1.29
E846103		1.21	0.037		0.12	6.26	3.0	1110	0.17	90.80	9.33	0.03	15.75	12.8	18	0.42
E846104		1.08	0.040		0.09	7.02	300.0	1010	1.89	8.54	0.43	0.02	73.80	118.5	58	1.03
E846105		1.44	0.209		0.73	5.27	459.0	320	1.24	24.80	0.31	0.03	121.50	100.0	47	2.86
E846106		1.05	0.034		0.12	6.17	49.4	2360	0.52	2.78	1.41	0.04	164.50	48.7	37	0.73
E846107		1.01	0.016		0.28	6.87	10.2	940	0.83	1.45	2.00	<0.02	88.10	17.8	38	1.69
E846108		1.25	0.036		1.16	7.57	15.8	220	0.61	10.95	2.93	0.03	10.30	42.9	32	1.07
E846109		0.93	<0.005		0.04	2.38	2.7	100	0.95	0.47	6.61	0.03	23.90	13.6	7	0.81
E846110		0.65	0.162		0.88	2.28	27	530	0.35	11.05	15.40	<0.02	30.80	46.7	8	0.88
E846111		0.80	0.005		0.02	7.03	1.9	1990	1.16	0.14	5.95	<0.02	>500	9.0	23	1.96
E846112		0.57	0.035		2.52	7.05	441.0	1030	2.40	4.72	2.32	14.45	74.30	61.2	33	1.25
E846113		0.57	0.675		2.46	6.98	105.0	320	2.25	11.05	0.24	0.03	173.00	226.0	22	5.41
E846114		0.96	0.742		4.23	6.79	439.0	310	1.88	12.05	0.17	0.09	>500	924.0	31	5.60
E846115		0.90	0.025		0.10	6.03	67.3	720	1.35	5.67	0.10	0.04	54.30	37.4	35	2.38
E846116		0.90	0.184		9.67	7.16	498.0	330	1.00	52.10	1.73	0.47	25.30	50.9	37	0.67
E846117		1.02	0.115		12.00	6.80	67.7	390	0.54	5.78	0.45	0.11	35.80	68.6	35	0.65
E846118		0.95	0.154		1.33	1.76	562.0	230	0.45	39.30	0.15	0.03	22.80	206.0	40	0.51

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846254		38.0	3.89	27.30	0.25	4.1	0.116	4.50	69.5	6.3	0.26	142	0.49	0.21	6.9	27.2
E846255		34.8	4.50	31.00	0.20	3.6	0.138	4.63	78.1	8.1	0.28	192	0.84	0.22	6.6	32.1
E846256		103.0	6.77	23.00	0.18	2.2	0.115	3.69	56.4	7.1	0.24	346	0.84	0.17	4.9	38.1
E846257		40.0	4.94	29.40	0.20	2.9	0.136	4.38	78.0	7.4	0.26	71	0.61	0.22	7.1	31.3
E846258		22.7	5.82	28.80	0.20	3.1	0.140	4.50	70.5	6.9	0.25	59	1.07	0.22	6.3	35.7
E846259		31.7	4.97	27.10	0.26	3.1	0.130	4.18	65.1	6.3	0.26	72	1.09	0.21	4.7	28.5
E846260		21.7	5.33	27.70	0.28	3.3	0.140	4.30	66.0	5.7	0.23	69	0.96	0.23	4.6	31.3
E846261		13.2	3.06	29.10	0.27	2.9	0.119	4.52	72.3	5.4	0.24	42	1.02	0.25	4.8	20.1
E846262		26.6	3.42	22.80	0.18	2.1	0.071	3.30	33.8	6.6	0.26	68	1.67	0.21	3.6	15.9
E846263		30.9	4.65	23.30	0.20	2.4	0.094	3.31	38.1	11.0	0.31	124	0.89	0.81	4.0	20.3
E846264		21.7	2.72	25.00	0.15	2.7	0.088	3.41	27.0	10.2	0.31	197	1.40	0.50	4.4	21.5
E846265		14.9	1.74	29.60	0.20	3.8	0.108	4.33	59.6	8.3	0.29	78	0.28	0.25	7.3	15.0
E846266		34.7	3.77	20.80	0.17	3.5	0.070	3.07	31.7	10.1	0.33	121	1.38	0.28	4.6	31.2
E846267		32.9	4.39	18.15	0.17	2.5	0.077	2.87	30.4	15.2	0.30	466	1.03	0.40	3.9	26.5
E846268		48.2	5.08	21.10	0.21	2.1	0.111	3.45	41.8	6.5	0.23	63	0.81	0.33	4.4	25.0
E846269		44.8	5.15	17.90	0.16	1.8	0.066	2.55	21.3	10.4	0.28	172	1.30	0.74	3.2	27.8
E846270		17.1	3.74	17.65	0.12	1.6	0.051	2.41	5.2	11.0	0.34	276	1.20	0.53	4.2	24.9
E846271		81.5	5.03	18.60	0.15	1.4	0.055	2.36	16.8	7.4	0.23	173	2.92	1.16	3.1	28.1
E846272		33.4	3.79	23.50	0.22	1.7	0.081	3.13	50.7	7.4	0.25	121	1.71	0.65	3.6	23.9
E846273		35.1	3.48	20.90	0.16	1.3	0.063	2.44	29.9	8.4	0.21	102	0.91	2.43	3.0	21.5
E846274		46.3	4.69	19.60	0.21	1.6	0.080	2.93	36.6	11.3	0.27	143	0.73	0.53	3.7	28.5
E846100		828.0	9.20	10.55	0.21	6.6	0.162	6.36	8.1	6.4	0.03	712	4.34	0.09	2.5	143.0
E846101		3.7	5.03	7.26	0.39	1.1	0.096	7.36	9.7	1.5	3.02	6160	197.50	0.10	2.0	27.6
E846102		6.3	9.23	20.00	0.28	1.4	0.074	5.98	61.1	25.8	1.09	2230	7.01	0.06	3.6	62.3
E846103		3.2	5.25	7.78	0.19	1.4	0.104	7.99	9.0	1.9	2.72	6150	24.50	0.09	2.0	25.0
E846104		11.8	9.70	19.70	0.28	0.9	0.127	6.47	42.2	38.4	0.53	1855	2.80	0.08	2.6	190.0
E846105		535.0	10.70	15.45	0.29	2.4	0.081	2.26	71.3	35.4	1.01	770	10.60	0.01	4.0	275.0
E846106		13.9	4.10	10.20	0.24	1.4	0.095	6.54	105.0	8.7	0.53	2210	1.80	0.12	4.8	84.2
E846107		626.0	10.85	21.40	0.26	0.9	0.132	4.95	51.8	31.8	1.51	6140	13.10	0.08	2.3	78.5
E846108		3600.0	13.00	23.00	0.17	1.2	0.207	1.38	5.7	56.1	3.01	2760	0.71	1.22	0.3	148.5
E846109		19.7	7.30	6.00	0.12	0.4	0.060	0.83	11.3	10.9	2.64	3110	0.34	0.03	2.1	21.4
E846110		402.0	8.99	5.47	0.55	0.3	0.109	2.43	17.1	12.9	5.38	13950	725.00	0.07	0.6	37.9
E846111		5.1	3.50	16.10	0.68	1.5	0.062	7.43	395.0	36.7	2.63	4230	2.54	0.12	1.6	15.6
E846112		8640.0	7.06	18.05	0.22	1.2	0.165	6.23	43.0	68.2	0.86	3490	15.95	0.08	4.1	49.4
E846113		>10000	5.15	19.20	0.26	2.3	0.773	2.70	99.6	67.1	0.95	271	62.10	2.62	2.4	111.0
E846114		>10000	8.10	24.50	0.87	2.4	1.040	4.34	500.0	77.8	1.31	210	80.40	1.07	2.1	88.1
E846115		76.1	4.02	14.90	0.15	1.6	0.061	4.14	30.2	18.5	0.47	1345	3.37	0.08	3.5	76.0
E846116		>10000	7.80	18.50	0.23	1.2	0.828	6.74	13.7	24.0	0.59	2860	3.81	0.10	3.3	262.0
E846117		>10000	7.31	14.70	0.23	1.4	1.665	5.79	19.5	14.6	0.41	1695	9.17	0.10	3.8	60.0
E846118		3120.0	13.60	4.81	0.18	0.4	0.232	1.21	13.7	10.5	0.21	1915	5.96	0.03	1.8	267.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846254		500	2.8	301.0	<0.002	0.01	0.49	13.3	2	3.4	31.8	0.44	0.06	20.8	0.129	1.08
E846255		450	2.9	306.0	<0.002	0.06	0.49	17.1	3	3.8	36.5	0.44	0.07	23.9	0.147	0.99
E846256		560	1.8	246.0	<0.002	0.03	0.42	16.1	2	3.3	28.5	0.33	0.07	20.5	0.126	0.72
E846257		520	2.0	288.0	<0.002	0.01	0.46	16.4	2	4.2	35.1	0.48	0.05	24.4	0.170	0.86
E846258		410	2.0	284.0	<0.002	0.01	0.43	17.3	2	4.2	32.7	0.42	0.09	23.8	0.167	0.82
E846259		360	3.6	284.0	<0.002	0.03	0.56	16.7	2	4.6	29.6	0.31	0.18	17.6	0.133	0.84
E846260		250	2.4	282.0	<0.002	0.03	0.35	15.8	2	4.7	29.0	0.29	0.42	17.0	0.136	0.82
E846261		550	2.3	286.0	<0.002	0.01	0.42	16.0	2	5.1	28.7	0.32	0.22	14.9	0.155	0.77
E846262		310	2.4	223.0	<0.002	0.03	0.46	9.5	2	4.6	21.1	0.22	0.63	12.2	0.110	0.55
E846263		450	3.0	232.0	<0.002	0.02	0.60	12.1	2	5.1	25.8	0.24	0.35	15.6	0.113	0.58
E846264		390	2.3	239.0	<0.002	0.09	0.41	14.9	2	5.4	24.8	0.27	0.20	17.6	0.110	0.58
E846265		270	2.4	284.0	<0.002	0.01	0.41	14.6	2	5.4	25.8	0.48	0.06	15.5	0.161	0.71
E846266		370	2.7	210.0	<0.002	0.04	0.54	10.6	2	4.3	18.3	0.26	0.06	16.2	0.103	0.50
E846267		320	2.6	178.0	<0.002	0.05	0.59	10.8	2	2.9	20.5	0.22	0.11	12.5	0.097	0.43
E846268		380	2.0	215.0	<0.002	0.01	0.33	12.1	1	3.3	22.2	0.25	0.05	16.0	0.110	0.51
E846269		370	2.4	164.0	<0.002	0.07	0.42	9.7	1	3.4	21.6	0.18	0.09	14.0	0.081	0.36
E846270		880	8.9	171.0	<0.002	0.05	1.09	9.3	2	3.7	19.6	0.37	<0.05	41.7	0.104	0.40
E846271		520	5.4	159.0	<0.002	0.10	3.15	10.2	2	3.7	28.2	0.19	0.14	13.4	0.083	0.35
E846272		330	3.1	208.0	<0.002	0.23	0.61	16.0	2	5.3	27.5	0.19	0.89	14.8	0.103	0.46
E846273		450	3.0	160.5	<0.002	0.01	0.34	8.4	1	3.2	45.3	0.16	0.05	13.0	0.081	0.36
E846274		520	2.1	190.5	<0.002	0.02	0.51	11.4	2	3.4	22.1	0.21	0.06	16.3	0.100	0.44
E846100		2160	275.0	155.5	<0.002	1.63	17.80	6.3	4	1.1	12.9	0.16	1.63	16.7	0.074	0.39
E846101		500	5.6	186.0	0.222	0.07	0.68	8.5	64	0.4	48.0	0.15	6.11	10.3	0.057	0.31
E846102		1030	3.7	196.5	<0.002	0.03	1.31	12.0	2	3.4	25.0	0.21	0.27	15.7	0.055	0.32
E846103		550	6.2	199.5	0.009	0.02	1.17	9.1	13	0.4	48.1	0.15	61.90	15.8	0.044	0.34
E846104		1040	12.1	226.0	<0.002	1.58	1.31	11.4	2	2.4	11.9	0.14	0.63	13.1	0.051	0.32
E846105		1190	16.4	126.0	0.002	2.92	5.35	6.7	3	3.5	7.2	0.27	0.55	17.0	0.062	0.26
E846106		840	33.2	182.5	0.002	0.52	4.19	8.0	3	1.6	22.4	0.36	0.40	65.6	0.087	0.40
E846107		930	4.6	152.0	0.004	0.09	0.74	12.9	3	1.5	24.0	0.17	0.37	15.9	0.048	0.32
E846108		360	2.0	55.2	<0.002	0.40	0.98	36.2	4	0.7	22.0	<0.05	0.22	1.2	0.090	0.16
E846109		60	2.7	47.0	<0.002	0.03	0.20	3.9	2	0.6	73.6	0.11	<0.05	2.7	0.035	0.18
E846110		220	7.5	86.5	0.016	1.16	0.95	12.5	76	0.7	44.4	0.07	4.64	2.0	0.031	0.17
E846111		670	3.4	251.0	<0.002	0.11	0.93	17.0	3	0.6	63.9	0.11	0.07	30.9	0.045	0.52
E846112		1060	1070.0	198.0	<0.002	0.35	198.00	14.1	4	2.2	19.9	0.27	0.49	14.4	0.078	0.32
E846113		700	8.9	162.0	<0.002	3.24	2.28	11.6	6	0.9	20.1	0.17	1.35	11.8	0.069	0.36
E846114		1100	13.7	236.0	<0.002	4.10	3.39	12.9	7	1.1	11.4	0.14	2.04	15.3	0.076	0.62
E846115		510	5.1	171.5	<0.002	0.27	1.60	8.7	2	2.0	12.0	0.26	0.26	13.2	0.097	0.58
E846116		800	45.1	178.5	<0.002	2.74	8.99	12.6	15	2.4	23.7	0.25	0.28	15.1	0.050	0.45
E846117		1440	13.4	141.5	0.002	2.63	3.87	9.1	14	2.5	21.5	0.31	0.60	16.0	0.050	0.44
E846118		740	117.5	47.2	0.002	4.19	3.93	5.0	4	2.0	5.7	0.10	0.74	7.4	0.071	0.14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846254		3.7	66	2.5	15.6	4	122.5		
E846255		3.4	76	3.3	13.4	5	109.0		
E846256		2.5	71	3.6	11.3	5	68.1		
E846257		3.6	76	4.6	11.9	4	85.3		
E846258		3.4	75	4.1	12.0	4	95.4		
E846259		7.0	73	5.3	15.3	2	97.9		
E846260		3.0	75	3.6	12.1	3	107.0		
E846261		3.0	76	4.1	9.9	2	93.5		
E846262		2.2	48	3.9	6.3	4	67.8		
E846263		11.1	52	5.0	8.0	6	78.3		
E846264		2.8	53	5.7	9.8	5	85.1		
E846265		3.1	54	4.7	11.7	5	123.0		
E846266		3.0	40	5.0	8.8	7	117.0		
E846267		2.5	38	3.6	9.1	10	80.7		
E846268		1.7	49	3.2	7.8	3	64.3		
E846269		6.1	42	3.8	7.1	6	55.6		
E846270		234.0	40	4.5	11.6	10	49.4		
E846271		3.4	44	4.4	6.5	8	47.7		
E846272		1.9	58	5.9	7.3	5	54.7		
E846273		1.5	39	3.5	6.2	6	42.1		
E846274		1.7	50	3.4	7.9	7	52.8		
E846100		13.3	22	1.7	20.0	249	250.0		
E846101		50.9	23	2.0	13.6	3	38.5		
E846102		7.5	80	2.2	13.2	19	48.1		
E846103		37.7	20	1.0	15.9	5	41.7		
E846104		8.0	82	1.5	9.3	14	30.5		
E846105		6.4	77	1.8	8.1	25	83.7		
E846106		590.0	40	1.3	24.6	19	44.5		
E846107		16.0	87	1.3	10.6	17	31.0		
E846108		1.6	437	0.6	6.8	21	35.2		
E846109		0.4	10	0.5	9.2	18	16.2		
E846110		3.1	17	0.8	26.0	21	8.4		
E846111		2.8	36	1.3	14.5	4	48.7		
E846112		18.3	50	3.1	11.8	1170	38.5		
E846113		69.4	58	2.4	14.7	16	70.7	1.795	
E846114		24.6	93	1.6	17.8	23	75.3	1.160	
E846115		5.1	47	1.4	8.5	37	52.6		
E846116		10.1	60	1.8	13.6	59	36.6	3.70	
E846117		6.5	53	1.2	12.4	17	48.4	4.11	
E846118		3.0	31	1.8	3.4	14	13.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846119		0.88	0.049		0.33	5.36	248.0	420	1.48	16.70	0.12	<0.02	52.90	65.0	42	1.69
E839612		0.63	4.47	4.60	0.39	0.03	<5	20	0.56	2.83	33.80	0.03	9.22	14.8	<1	0.23
E839613		0.60	0.007		0.03	0.49	0.4	40	0.22	0.17	0.17	0.02	2.57	7.3	13	0.44
E839553		3.07	0.013		0.02	8.37	1.8	60	1.39	0.23	5.14	0.02	142.00	4.2	37	0.39
E839554		1.21	0.090		0.01	7.17	2.0	80	0.63	1.64	3.52	0.02	43.30	20.9	10	0.29
E839555		1.76	0.332		0.03	9.29	4.4	80	1.01	0.44	0.67	<0.02	144.00	23.2	56	0.36
E839556		1.70	0.079		0.03	8.56	1.8	170	0.85	8.64	0.28	<0.02	100.00	7.8	15	0.70
E846451		0.74	0.021		0.50	0.96	341.0	80	0.32	7.94	0.14	0.08	11.80	82.2	41	0.44
E846452		0.73	0.025		0.03	7.95	41.5	220	3.29	1.13	0.57	0.02	56.50	40.6	11	7.82
E846453		0.87	0.010		0.14	7.99	8.8	1280	1.02	0.46	0.58	0.31	156.50	12.8	45	3.60
E839774		1.03	<0.005		0.13	0.54	22.5	5470	0.10	1.16	8.10	0.02	>500	12.9	<1	0.12
E839775		1.10	<0.005		0.05	1.28	50	90	0.59	0.52	16.25	<0.02	12.20	6.8	3	0.15
E839776		1.34	<0.005		0.01	9.07	1.3	800	4.10	0.11	0.42	<0.02	67.60	4.6	39	3.39
E839777		1.61	0.025		0.03	5.91	25.9	230	1.92	1.08	0.12	<0.02	52.40	66.5	40	2.40
E839778		2.06	<0.005		<0.01	10.55	2.0	1230	3.60	0.05	0.14	<0.02	95.90	11.0	62	7.87
E839779		1.79	<0.005		0.01	10.45	2.5	1160	4.08	0.05	0.11	<0.02	87.30	13.2	64	6.13
E839780		1.59	<0.005		0.02	10.80	0.4	930	4.12	0.16	0.12	<0.02	134.50	5.0	64	15.60
E839781		1.01	<0.005		0.01	8.43	2.4	610	3.01	0.24	1.36	<0.02	78.70	12.7	50	3.28

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846119		150.0	12.25	14.40	0.23	1.0	0.124	3.61	30.1	19.8	0.49	1980	7.39	0.06	2.0	188.5
E839612		>10000	3.47	0.29	0.13	0.1	0.461	0.02	4.2	0.6	0.43	3750	1.61	0.02	0.1	11.6
E839613		178.0	1.23	1.37	<0.05	0.2	0.023	0.13	1.3	20.0	0.16	242	0.60	0.04	0.3	11.8
E839553		51.8	1.56	17.90	0.17	2.1	0.031	0.24	74.3	4.9	2.58	1890	3.39	6.31	4.3	12.6
E839554		8.8	2.27	13.10	0.10	1.0	0.027	0.30	22.6	14.1	1.73	1995	0.22	5.02	7.7	13.3
E839555		9.4	4.31	13.65	0.23	1.8	0.022	0.25	69.4	12.6	0.35	155	1.62	6.92	9.8	10.4
E839556		25.2	2.07	18.20	0.14	1.2	0.029	0.93	52.8	39.6	0.74	203	1.13	4.67	7.9	14.8
E846451		203.0	9.96	2.38	0.13	0.2	0.058	0.49	7.0	7.5	0.04	447	4.80	0.03	1.5	119.0
E846452		28.1	11.45	25.80	0.20	3.1	0.085	3.00	30.5	46.2	1.83	371	1.33	0.07	15.3	88.1
E846453		9.0	5.99	18.55	0.30	1.5	0.078	6.45	83.0	11.0	0.49	1445	1.73	0.10	4.8	18.0
E839774		66.0	39.70	5.33	0.60	0.2	0.144	0.03	560.0	8.2	2.62	10850	46.20	0.09	19.0	28.3
E839775		116.5	3.70	3.05	0.08	0.7	0.093	0.61	7.4	2.2	8.36	5770	1.55	0.02	1.4	4.8
E839776		10.6	5.18	25.80	0.16	5.4	0.108	4.07	41.7	30.3	0.85	624	1.61	0.16	13.3	38.1
E839777		6.9	23.10	19.00	0.42	1.9	0.044	1.34	27.6	80.6	1.54	624	0.44	0.47	3.1	64.1
E839778		2.2	4.73	29.70	0.20	3.0	0.063	3.52	48.2	66.4	1.00	394	0.52	0.34	8.0	48.1
E839779		9.3	4.06	29.70	0.17	2.9	0.058	3.40	41.4	47.3	0.79	323	0.66	0.48	8.4	34.9
E839780		3.8	5.54	30.30	0.24	2.4	0.076	4.01	67.9	32.0	0.55	172	1.24	0.48	1.9	24.4
E839781		5.4	7.07	22.50	0.20	1.9	0.167	3.60	42.1	35.5	1.43	2110	0.38	0.11	7.8	31.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846119		890	18.4	156.0	0.003	2.89	2.04	8.9	3	2.5	10.6	0.11	0.51	10.5	0.060	0.46
E839612		20	4.1	1.0	<0.002	2.56	0.12	34.3	12	1.0	236.0	<0.05	1.50	<0.2	<0.005	0.02
E839613		70	3.8	9.6	<0.002	0.02	2.61	0.8	2	0.2	7.5	<0.05	<0.05	0.8	0.006	0.05
E839553		880	42.7	18.2	<0.002	0.01	1.21	15.9	3	0.9	49.3	0.38	0.11	38.3	0.105	0.07
E839554		1070	34.1	29.4	<0.002	0.10	0.91	9.6	2	0.5	25.2	0.28	1.32	37.2	0.081	0.10
E839555		2170	141.5	27.6	<0.002	0.09	5.27	4.1	5	0.8	32.8	0.46	0.39	157.0	0.197	0.12
E839556		950	34.0	88.3	<0.002	0.01	2.11	7.7	4	0.9	14.1	0.33	5.04	39.4	0.080	0.21
E846451		960	96.3	22.6	<0.002	2.81	6.10	2.1	2	1.4	6.9	0.08	0.16	3.7	0.067	0.08
E846452		2720	2.6	228.0	0.004	0.75	3.13	29.2	2	7.2	7.3	1.06	0.10	18.4	0.627	0.65
E846453		680	72.0	217.0	<0.002	0.05	7.28	9.4	3	2.4	11.3	0.41	0.15	98.2	0.200	0.75
E839774		2460	2.7	1.8	0.004	0.22	1.01	0.6	2	3.5	171.0	0.16	0.46	3.8	0.021	0.10
E839775		160	3.0	24.6	<0.002	0.33	0.41	2.7	2	0.4	51.1	0.07	<0.05	2.2	0.031	1.66
E839776		480	2.5	264.0	<0.002	0.01	0.76	15.2	2	3.1	20.4	0.66	0.06	18.9	0.130	0.63
E839777		300	2.4	132.5	<0.002	0.72	1.21	19.2	2	1.0	11.5	0.18	1.25	12.0	0.041	0.40
E839778		540	2.1	305.0	<0.002	0.01	0.64	17.2	2	3.3	28.4	0.39	0.06	20.3	0.088	1.58
E839779		510	2.0	270.0	<0.002	<0.01	0.45	16.5	2	3.6	47.0	0.50	0.05	19.0	0.120	1.55
E839780		520	2.7	342.0	<0.002	0.01	0.78	16.4	2	3.4	33.3	0.14	0.11	19.8	0.085	2.20
E839781		720	1.8	239.0	<0.002	0.04	0.59	13.8	2	2.7	20.3	0.41	0.14	16.2	0.116	0.48

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 12-AUG-2007
Account: EIAFRG

Project: Werneckes- E

CERTIFICATE OF ANALYSIS TR07076809

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846119		5.3	48	1.5	6.1	22	32.9		
E839612		2.8	<1	0.2	95.9	16	<0.5	2.97	
E839613		0.3	6	0.2	10.4	10	4.7		
E839553		500.0	32	4.8	23.0	9	67.1		
E839554		381.0	16	1.6	19.8	10	31.7		
E839555		1950.0	46	2.0	68.7	8	53.3		0.20
E839556		439.0	16	1.3	15.2	8	36.8		
E846451		3.3	27	1.3	2.3	68	7.7		
E846452		4.4	295	2.3	10.6	25	109.0		
E846453		650.0	61	2.1	30.4	25	44.3		
E839774		6.1	671	9.1	12.3	10	6.4		
E839775		2.8	14	1.6	6.5	2	25.8		
E839776		6.9	72	2.2	20.9	7	169.5		
E839777		4.3	44	8.2	8.0	17	60.4		
E839778		6.5	80	2.1	12.7	10	94.1		
E839779		5.3	88	2.2	11.9	9	90.3		
E839780		7.8	87	1.2	9.8	5	76.7		
E839781		2.1	53	3.0	10.6	18	57.6		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 16-AUG-2007
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CERTIFICATE TR07082888

Project: Werneckes E

P.O. No.: FRG07-01

This report is for 14 Rock samples submitted to our lab in Terrace, BC, Canada on 30-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07082888

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E846201		0.67	0.035	0.06	6.81	5.3	640	2.02	0.39	3.68	0.03	>500	11.5	18	8.29	6.9
E846202		0.78	0.038	0.06	10.95	7.1	570	4.43	0.31	0.80	<0.02	356.00	7.0	12	23.40	4.6
E846203		0.79	0.284	0.13	4.97	35.1	760	1.43	0.92	0.32	0.02	56.20	85.4	30	1.67	9.8
E846204		0.77	0.041	0.10	6.24	49.6	1140	1.03	0.75	0.71	0.05	76.00	204.0	44	1.54	6.3
E846205		1.57	0.030	0.15	6.73	18.6	910	1.79	0.42	0.19	0.08	109.00	38.6	45	3.05	9.6
E846206		1.05	0.005	0.05	6.76	15.9	610	1.61	0.11	1.09	<0.02	23.00	27.5	46	3.97	4.2
E846207		1.04	0.129	0.09	6.41	2.9	1270	0.18	67.40	6.71	0.02	23.40	8.8	27	0.47	2.2
E846208		0.94	0.026	0.06	6.48	2.6	1150	0.19	4.82	7.53	0.03	14.45	10.7	13	0.51	2.9
E846209		1.59	0.157	0.05	7.32	6.0	1500	0.13	0.81	4.13	0.02	4.21	13.6	14	0.60	2.9
E839626		0.59	<0.005	0.11	0.14	2.0	20	<0.05	0.24	0.30	<0.02	10.00	4.8	11	0.09	333.0
E839627		1.14	0.803	0.58	6.15	15.0	4590	0.70	1.17	0.26	<0.02	25.90	32.4	28	1.01	6120.0
E839788		1.63	0.025	0.11	8.51	60.6	620	3.72	0.21	0.14	<0.02	112.00	4.9	56	2.23	97.9
E839526		0.87	<0.005	0.04	1.29	3.5	40	0.32	0.64	0.07	0.04	20.10	89.1	20	0.35	39.0
E846297		0.90	<0.005	8.72	1.10	289.0	110	0.22	0.39	0.93	0.10	14.60	16.6	14	0.31	124.0

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes E

CERTIFICATE OF ANALYSIS TR07082888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846201		7.39	30.10	0.73	5.5	0.106	3.71	420.0	35.5	1.63	2660	6.78	0.05	4.7	56.6	2680
E846202		6.16	36.10	0.40	10.9	0.174	6.23	175.0	46.5	1.21	1090	5.85	0.05	4.0	43.8	3950
E846203		18.35	12.85	0.26	0.6	0.328	4.07	29.2	30.7	0.38	8660	11.20	0.06	2.5	30.2	1370
E846204		7.12	15.50	0.18	1.1	0.092	5.58	39.9	27.3	0.47	3330	9.89	0.08	6.5	36.2	1300
E846205		14.20	20.20	0.25	1.0	0.177	5.18	59.7	38.9	0.38	7910	10.10	0.08	4.2	41.6	950
E846206		11.50	20.80	0.16	0.7	0.135	4.40	11.8	68.8	0.97	5890	2.45	0.05	4.7	52.8	810
E846207		3.96	7.10	0.18	1.9	0.075	6.37	11.7	2.0	1.76	4480	67.30	0.10	4.6	17.0	660
E846208		3.92	6.71	0.12	3.3	0.088	6.20	6.8	2.4	1.53	4870	6.50	0.11	4.4	20.1	950
E846209		4.48	8.52	0.10	2.0	0.140	6.18	1.4	1.6	0.53	5500	9.80	0.13	4.9	21.1	560
E839626		2.53	0.59	0.05	0.1	0.662	0.06	5.6	0.8	4.16	1775	1.11	0.01	0.3	2.0	10
E839627		11.45	12.25	0.18	5.3	0.097	6.10	12.2	5.5	0.20	128	19.15	0.05	6.9	6.0	1220
E839788		0.78	26.10	0.13	4.3	0.119	4.26	61.8	18.3	0.46	47	8.09	0.08	12.8	4.3	790
E839526		4.15	4.63	0.08	0.4	<0.005	0.04	9.9	16.2	0.84	290	1.41	0.02	0.8	138.5	80
E846297		29.10	2.45	0.30	0.4	0.025	1.00	7.5	6.0	0.66	637	1.09	0.01	0.7	94.3	120

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 16-AUG-2007
Account: EIAFRG

Project: Werneckes E

CERTIFICATE OF ANALYSIS TR07082888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846201		4.7	229.0	0.004	0.05	3.10	23.2	2	3.9	24.5	0.42	0.23	33.4	0.157	0.69	8.3
E846202		3.5	393.0	0.002	<0.01	6.00	19.1	3	6.5	14.2	0.36	0.24	41.3	0.145	2.21	11.8
E846203		9.1	144.0	0.002	0.14	1.63	12.2	3	2.5	19.8	0.16	0.48	12.4	0.048	0.26	6.7
E846204		5.6	174.0	0.004	0.32	1.91	9.6	4	3.3	21.8	0.51	0.36	16.3	0.137	0.33	7.6
E846205		24.9	201.0	0.003	0.05	1.98	12.4	2	3.2	20.0	0.29	0.32	16.3	0.080	0.37	12.5
E846206		7.3	210.0	<0.002	0.06	2.55	12.0	1	3.4	10.6	0.34	0.05	16.0	0.096	0.39	7.9
E846207		8.4	160.0	0.014	0.03	1.15	7.2	20	0.9	38.9	0.36	36.70	25.9	0.138	0.38	142.0
E846208		4.9	157.0	<0.002	0.01	1.29	15.0	2	1.3	40.9	0.27	2.48	10.8	0.192	0.36	27.2
E846209		11.5	151.0	<0.002	0.03	2.22	7.8	3	0.6	20.8	0.48	0.47	32.4	0.117	0.50	72.3
E839626		2.1	2.8	<0.002	0.03	0.36	0.3	1	0.2	3.3	<0.05	<0.05	0.3	0.007	0.17	0.7
E839627		4.1	138.0	0.005	0.39	2.17	10.1	6	2.2	47.9	0.51	0.19	15.5	0.307	0.26	39.7
E839788		1.5	197.0	0.006	0.02	1.03	13.6	2	7.9	7.6	0.90	0.05	16.5	0.338	0.88	8.0
E839526		8.8	2.7	<0.002	0.09	0.97	1.8	1	0.2	10.3	0.07	0.05	3.6	0.032	0.04	2.3
E846297		504.0	17.3	<0.002	0.12	49.20	2.6	1	0.4	3.6	<0.05	<0.05	2.4	0.018	2.20	1.0

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 16-AUG-2007
Account: EIAFRG

Project: Werneckes E

CERTIFICATE OF ANALYSIS TR07082888

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E846201		117	2.3	30.5	33	197.5
E846202		131	1.7	39.5	63	415.0
E846203		52	2.3	17.2	11	22.3
E846204		74	1.9	17.2	12	33.0
E846205		80	2.1	13.3	36	32.1
E846206		84	1.9	8.6	27	21.6
E846207		23	1.5	16.4	3	58.7
E846208		31	2.5	18.0	3	112.0
E846209		20	1.5	34.7	4	60.9
E839626		3	0.3	2.1	3	4.8
E839627		139	3.9	28.0	2	188.5
E839788		78	17.4	13.9	<2	126.5
E839526		5	1.1	1.5	19	9.8
E846297		12	0.1	6.9	54	14.4

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

CERTIFICATE TR07086401

Project: Werneckes

P.O. No.: FRG07-01

This report is for 121 Drill Core samples submitted to our lab in Terrace, BC, Canada on 7-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846170		2.88	0.265		0.45	5.68	26.5	620	1.85	1.32	3.54	<0.02	460.00	90.7	33	2.08
E846171		4.68	0.080		0.20	7.07	29.3	830	2.39	0.60	0.75	<0.02	301.00	122.0	46	2.87
E846172		4.39	0.091		0.22	6.85	47.0	920	2.51	0.46	0.42	<0.02	467.00	193.0	47	2.69
E846173		1.81	0.079		0.22	6.53	34.4	830	2.26	0.33	0.91	<0.02	441.00	126.0	42	2.85
E846174		3.89	<0.005		0.06	7.91	2.5	1160	3.27	0.16	4.07	<0.02	112.00	13.8	50	3.26
E846175		4.65	<0.005		0.07	6.65	2.9	980	2.50	0.14	5.10	<0.02	106.00	13.3	34	2.36
E846176		3.58	<0.005		0.05	7.54	2.1	760	3.13	0.08	4.81	<0.02	88.30	11.8	39	2.82
E846177		3.35	0.035		0.09	7.35	58.9	1920	2.59	0.76	1.30	<0.02	116.50	264.0	44	2.26
E846178		4.73	0.043		0.10	6.92	30.7	2160	2.36	0.53	1.42	<0.02	149.50	144.0	44	2.22
E846179		4.53	0.051		0.13	6.83	40.4	2100	2.84	0.69	1.52	<0.02	352.00	159.5	46	2.51
E846180		5.48	0.071		0.19	5.81	45.5	1650	2.04	1.00	3.69	<0.02	321.00	222.0	33	2.09
E846181		4.87	0.033		0.11	5.16	26.7	1140	1.97	0.71	5.88	<0.02	232.00	112.0	26	1.86
E846182		5.42	0.031		0.14	5.33	39.1	1360	1.72	0.78	3.40	<0.02	294.00	136.0	29	1.89
E847259		2.75	0.033		0.16	6.03	13.5	1660	2.05	1.89	3.28	<0.02	110.50	53.7	33	3.42
E847260		5.57	0.230		0.96	2.52	32.4	310	0.66	4.74	7.79	0.02	407.00	80.1	10	1.29
E847261		5.61	0.050		0.36	5.56	6.1	2200	1.54	1.25	5.43	0.02	159.00	24.0	29	2.02
E847262		4.91	0.008		0.06	6.24	3.0	4330	1.92	0.15	4.98	<0.02	86.00	13.0	31	2.18
E847263		5.01	0.012		0.09	6.34	3.3	6850	1.73	0.23	5.04	<0.02	127.50	14.0	31	2.13
E847264		4.60	0.011		0.06	7.06	2.9	2370	2.93	0.13	4.01	<0.02	103.50	15.4	37	3.52
E847265		5.39	0.006		0.06	6.64	4.3	1650	2.85	0.15	5.44	<0.02	78.50	17.1	32	3.29
E847266		5.36	0.010		0.05	7.07	4.2	1670	2.85	0.14	4.66	<0.02	79.50	19.4	34	3.61
E847267		4.92	0.009		0.06	7.11	3.5	1080	2.75	0.07	3.54	<0.02	90.00	12.4	35	4.15
E847268		4.06	0.008		0.05	6.79	2.3	1310	2.49	0.06	4.36	<0.02	110.50	10.5	32	3.49
E847269		5.30	0.006		0.06	7.04	4.2	1290	2.36	0.14	4.88	<0.02	85.50	11.6	35	3.85
E847270		4.49	0.006		0.05	6.99	3.6	1350	1.82	0.07	5.02	<0.02	71.80	16.4	35	3.82
E847271		4.64	0.006		0.05	7.60	3.5	1800	3.02	0.08	3.93	<0.02	79.10	17.5	41	3.24
E847272		4.68	0.009		0.06	6.85	4.0	990	3.89	0.12	3.46	<0.02	94.10	14.4	34	4.60
E847273		4.84	0.007		0.07	8.16	4.4	1930	3.29	0.09	3.07	0.03	77.10	15.5	50	3.99
E847274		3.71	<0.005		0.07	7.43	2.6	1850	1.85	0.06	3.88	0.04	57.70	11.8	41	2.20
E847275		4.12	0.005		0.08	7.65	3.2	2980	1.97	0.08	3.40	0.02	99.50	14.2	42	0.87
E847276		4.76	0.005		0.05	7.63	3.3	2300	2.19	0.07	5.30	<0.02	130.50	15.5	38	1.39
E847277		1.53	0.005		0.05	7.34	3.2	650	1.77	0.32	5.53	<0.02	47.80	13.4	32	0.78
E844886		5.52	<0.005		0.05	10.85	1.1	1460	3.92	0.06	0.57	0.03	144.00	2.8	61	16.80
E844887		5.42	0.021		0.03	12.30	0.8	1800	4.33	0.03	0.09	<0.02	88.00	2.3	72	19.95
E844888		6.04	0.005		0.04	12.30	0.9	1840	5.18	0.05	0.07	<0.02	103.00	2.6	66	21.30
E844889		2.68	0.005		0.02	12.40	0.9	1940	5.20	0.04	0.05	0.02	83.70	2.9	73	21.40
E844890		5.80	0.007		0.02	10.75	1.0	1670	2.99	0.04	0.19	<0.02	112.50	3.8	69	18.85
E844891		3.80	<0.005		0.01	9.89	1.5	1300	3.09	0.03	0.38	0.02	278.00	3.0	62	18.00
E844892		2.40	0.007		0.01	9.05	1.2	1150	2.40	0.21	0.17	<0.02	89.00	3.2	60	15.25
E844893		1.09	<0.005		0.01	10.55	1.4	1440	2.73	0.04	0.72	<0.02	132.50	2.6	66	19.00

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846170		2640.0	13.30	15.05	0.30	1.7	0.130	2.76	349.0	82.2	2.30	2850	40.70	0.09	8.5	40.6
E846171		465.0	13.35	18.10	0.25	2.2	0.120	3.52	229.0	97.4	1.33	667	37.20	0.07	8.1	34.2
E846172		100.0	14.75	18.80	0.32	2.1	0.118	3.57	361.0	90.4	1.07	342	49.30	0.06	7.5	34.3
E846173		472.0	14.20	17.55	0.32	2.0	0.115	3.42	350.0	84.1	1.29	770	39.00	0.06	7.1	31.1
E846174		10.0	6.18	20.70	0.17	2.0	0.286	4.95	63.7	46.8	2.24	4320	5.13	0.06	8.4	28.6
E846175		71.3	6.94	15.95	0.17	1.9	0.222	4.15	61.2	46.5	2.91	4370	7.27	0.05	7.0	27.4
E846176		35.4	6.39	19.40	0.16	1.9	0.286	4.43	49.6	50.2	2.76	3780	4.84	0.05	9.2	27.2
E846177		1360.0	12.60	20.60	0.17	1.9	0.286	5.20	82.3	88.0	1.16	1680	2.38	0.07	5.4	38.8
E846178		1340.0	12.35	19.30	0.18	1.9	0.285	5.01	109.5	86.8	1.31	1550	9.87	0.07	5.6	38.3
E846179		1320.0	16.45	23.00	0.27	2.0	0.313	3.89	267.0	88.8	1.37	1610	25.20	0.09	8.6	53.6
E846180		2170.0	15.95	17.70	0.28	1.7	0.281	3.90	228.0	86.6	2.01	4260	76.50	0.07	9.0	45.1
E846181		1420.0	15.30	17.70	0.23	1.5	0.301	2.98	178.0	89.7	3.19	4740	46.20	0.06	7.2	41.8
E846182		1040.0	17.15	19.50	0.28	1.4	0.264	2.95	230.0	66.8	1.94	2900	58.80	0.07	7.1	46.1
E847259		1580.0	10.35	16.20	0.18	1.7	0.215	2.58	74.4	119.0	3.01	3320	14.95	0.04	4.7	33.5
E847260		7120.0	18.45	11.95	0.37	0.7	0.291	1.15	277.0	42.9	3.65	6630	229.00	0.03	17.3	44.0
E847261		518.0	8.72	16.10	0.22	1.9	0.196	3.60	103.5	57.8	2.98	4570	99.30	0.05	9.0	25.3
E847262		43.9	6.69	16.25	0.18	2.0	0.168	4.55	48.9	37.8	2.66	3750	8.15	0.06	8.3	20.2
E847263		211.0	6.48	16.75	0.17	2.0	0.166	4.56	79.6	38.7	2.74	3690	9.71	0.06	8.1	21.3
E847264		18.7	6.38	17.95	0.17	2.1	0.182	4.23	57.7	46.1	2.46	3190	8.71	0.05	9.6	27.1
E847265		21.7	6.46	16.40	0.15	1.9	0.166	4.06	45.8	42.8	2.94	4520	11.25	0.05	8.5	26.6
E847266		51.2	5.81	17.80	0.13	2.0	0.168	3.99	51.3	60.1	2.71	4290	13.00	0.05	6.4	27.8
E847267		13.5	6.58	18.15	0.15	2.3	0.152	4.49	51.0	57.8	2.30	2960	6.64	0.05	8.1	24.1
E847268		5.2	7.13	17.25	0.17	2.2	0.146	4.31	62.1	48.2	2.67	3230	3.12	0.05	8.1	23.3
E847269		4.1	6.62	16.90	0.16	2.0	0.132	5.34	47.4	44.4	2.75	3820	8.67	0.06	6.5	22.5
E847270		4.5	7.16	15.85	0.15	1.9	0.072	5.02	39.8	32.9	2.69	4000	3.14	0.93	6.0	23.6
E847271		42.8	6.29	18.85	0.16	2.2	0.122	5.02	43.9	50.6	2.45	3080	7.81	0.74	5.7	28.1
E847272		163.0	4.37	19.45	0.15	2.1	0.171	4.26	51.5	72.3	2.78	2330	14.65	0.14	6.3	24.4
E847273		46.8	5.24	19.70	0.14	2.3	0.106	5.67	42.7	62.3	2.44	2360	9.27	0.64	6.9	31.7
E847274		8.9	6.56	16.60	0.14	2.0	0.035	4.63	34.4	26.0	2.09	3030	1.19	2.04	6.8	26.9
E847275		5.4	6.02	17.95	0.16	2.0	0.031	4.92	60.7	18.2	1.69	2520	0.72	2.24	6.8	25.7
E847276		2.5	6.36	19.00	0.15	2.2	0.042	3.41	80.0	21.3	2.37	4090	1.53	2.96	6.1	26.0
E847277		2.6	4.72	17.55	0.10	2.2	0.023	1.23	29.8	17.5	2.65	4610	1.60	4.42	4.6	21.8
E844886		7.1	4.18	28.50	0.18	3.3	0.066	4.92	72.0	10.0	0.42	360	1.64	0.27	6.2	19.0
E844887		3.7	4.83	34.40	0.16	3.6	0.071	5.64	44.8	12.6	0.35	64	2.91	0.30	6.4	17.9
E844888		6.0	3.87	35.60	0.13	4.2	0.071	5.74	51.3	15.0	0.33	50	2.28	0.31	9.0	13.6
E844889		6.9	4.95	35.60	0.16	3.4	0.068	5.52	41.7	16.7	0.36	49	0.70	0.31	8.5	20.4
E844890		3.9	4.52	27.30	0.17	2.9	0.063	4.67	57.7	12.9	0.33	89	1.09	0.24	4.8	19.5
E844891		10.9	3.17	30.40	0.32	3.2	0.062	4.41	130.0	15.2	0.35	200	1.95	0.23	4.6	16.4
E844892		98.9	3.51	23.70	0.12	2.7	0.051	3.88	45.5	8.6	0.26	87	0.86	0.22	4.3	11.2
E844893		14.7	3.81	30.70	0.18	2.8	0.064	4.70	65.0	12.2	0.51	480	1.20	0.27	4.7	18.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846170		950	12.3	156.0	0.021	0.35	1.55	8.7	3	31.2	22.6	0.34	0.74	9.8	0.100	0.67
E846171		790	3.2	201.0	0.006	0.36	1.46	10.7	1	37.3	12.9	0.45	0.41	13.2	0.124	0.90
E846172		720	3.1	206.0	0.012	0.73	1.45	10.4	1	35.7	11.1	0.44	0.72	14.9	0.125	0.93
E846173		630	2.6	190.0	0.004	0.49	1.36	9.8	1	30.3	12.0	0.41	0.41	14.1	0.117	0.84
E846174		740	1.3	265.0	0.002	0.01	1.21	12.0	<1	4.4	46.0	0.66	0.11	14.9	0.239	1.52
E846175		700	1.5	207.0	0.002	0.02	1.08	9.8	<1	3.7	28.2	0.52	0.08	13.6	0.202	1.25
E846176		740	1.8	254.0	<0.002	0.01	0.98	11.8	<1	4.3	28.6	0.64	0.05	14.2	0.233	1.43
E846177		750	2.1	225.0	0.002	0.78	1.64	12.2	1	10.4	43.5	0.28	0.18	13.8	0.113	0.84
E846178		710	2.2	217.0	0.003	0.36	1.88	11.6	1	11.4	44.2	0.29	0.13	13.7	0.111	0.78
E846179		1090	3.9	221.0	0.008	0.39	1.93	12.6	1	19.1	50.6	0.38	0.25	16.4	0.126	0.67
E846180		1060	2.5	186.0	0.013	0.60	1.72	10.2	1	15.0	192.0	0.28	0.33	10.6	0.092	0.61
E846181		870	1.7	169.5	0.005	0.30	1.11	10.1	1	16.0	400.0	0.25	0.10	8.2	0.092	0.48
E846182		1390	2.4	168.0	0.005	0.32	1.32	9.6	1	19.0	350.0	0.28	0.17	7.7	0.092	0.49
E847259		870	3.1	121.5	0.004	0.26	2.80	8.8	2	9.2	528.0	0.25	0.12	10.0	0.110	1.11
E847260		2070	5.6	71.2	0.072	0.68	1.80	3.8	7	28.4	195.5	0.50	1.68	7.7	0.056	0.48
E847261		860	3.1	174.5	0.019	0.11	1.37	9.6	2	7.3	54.7	0.44	0.38	12.3	0.186	1.26
E847262		670	1.6	212.0	0.003	0.11	1.17	10.0	<1	4.7	71.5	0.60	0.09	13.0	0.229	1.51
E847263		690	1.9	213.0	0.005	0.19	1.28	10.2	<1	6.1	116.5	0.57	0.11	12.7	0.219	1.59
E847264		680	1.8	230.0	0.002	0.06	1.43	11.4	<1	4.4	43.9	0.69	0.07	14.0	0.251	1.47
E847265		640	1.3	211.0	0.002	0.10	1.26	10.8	<1	4.2	43.3	0.62	0.07	13.2	0.233	1.45
E847266		690	1.3	219.0	<0.002	0.06	1.24	11.1	<1	5.3	44.0	0.49	0.05	14.2	0.211	1.46
E847267		670	1.4	225.0	<0.002	0.03	1.21	11.0	<1	5.0	24.8	0.61	<0.05	14.9	0.249	1.56
E847268		670	1.3	215.0	0.002	0.02	0.96	10.2	<1	5.0	23.3	0.60	<0.05	14.2	0.246	1.49
E847269		720	1.4	219.0	0.002	0.04	0.98	10.8	<1	4.0	25.2	0.51	0.06	14.8	0.238	1.76
E847270		750	1.3	161.5	<0.002	0.04	0.97	10.2	<1	5.3	45.6	0.48	<0.05	13.9	0.235	1.49
E847271		740	1.6	194.5	<0.002	0.04	0.97	11.6	<1	5.1	40.7	0.50	<0.05	13.9	0.194	1.70
E847272		630	1.5	203.0	<0.002	0.04	0.98	12.0	<1	3.9	17.4	0.52	<0.05	14.8	0.146	1.70
E847273		760	3.1	198.0	0.002	0.04	1.30	13.3	<1	5.6	31.1	0.59	<0.05	16.1	0.202	2.01
E847274		710	4.5	113.5	0.002	0.02	1.12	11.5	<1	7.2	54.5	0.57	<0.05	14.2	0.233	1.43
E847275		720	2.9	129.0	<0.002	0.01	0.90	11.6	<1	8.2	67.6	0.60	<0.05	14.8	0.250	1.62
E847276		810	2.1	95.0	0.002	0.03	0.81	11.7	<1	7.0	86.5	0.53	<0.05	14.8	0.218	1.17
E847277		800	3.9	33.6	<0.002	0.01	0.98	10.2	<1	4.6	78.2	0.38	0.06	15.7	0.170	0.42
E844886		640	3.3	362.0	<0.002	<0.01	0.70	15.9	<1	4.2	32.5	0.44	<0.05	19.9	0.198	1.83
E844887		270	2.5	421.0	<0.002	<0.01	0.72	18.8	<1	6.1	37.7	0.46	<0.05	16.0	0.250	2.07
E844888		220	2.6	421.0	<0.002	<0.01	0.82	20.0	<1	6.3	44.4	0.66	<0.05	19.7	0.262	2.34
E844889		170	2.5	421.0	<0.002	<0.01	0.81	19.5	<1	5.7	45.4	0.64	<0.05	17.3	0.264	2.32
E844890		580	2.7	381.0	<0.002	<0.01	0.71	14.6	1	3.6	39.4	0.39	<0.05	21.0	0.208	2.05
E844891		900	3.0	358.0	<0.002	<0.01	0.78	14.9	1	4.1	46.1	0.34	<0.05	26.8	0.153	1.98
E844892		530	3.2	319.0	<0.002	<0.01	0.64	12.1	1	3.4	44.3	0.34	0.14	16.7	0.194	1.92
E844893		540	3.7	385.0	<0.002	<0.01	0.58	16.2	1	4.0	59.3	0.35	<0.05	14.9	0.163	2.20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846170		70.8	60	21.8	22.9	15	57.8		
E846171		35.4	69	25.9	15.0	19	71.0		
E846172		33.4	69	26.9	15.9	15	67.1		
E846173		23.3	64	24.6	16.1	15	63.6		
E846174		7.9	73	9.9	15.5	5	68.5		
E846175		9.5	62	8.4	15.0	9	63.4		
E846176		8.2	70	9.6	14.9	5	65.9		
E846177		8.5	66	20.3	10.7	4	64.3		
E846178		17.7	64	20.3	13.0	5	66.5		
E846179		26.7	84	29.1	16.2	3	66.2		
E846180		34.3	62	21.7	17.3	6	56.7		
E846181		32.7	58	20.8	16.5	5	48.1		
E846182		28.3	78	24.0	15.3	5	47.6		
E847259		17.2	62	20.1	15.1	36	59.6		
E847260		25.3	118	17.3	21.6	7	23.4		
E847261		13.8	67	17.2	15.8	7	62.9		
E847262		7.0	61	14.1	12.7	4	66.3		
E847263		10.1	63	17.7	13.4	5	68.0		
E847264		10.0	68	13.1	12.9	6	70.3		
E847265		9.4	65	9.9	13.6	7	66.2		
E847266		9.0	65	10.4	11.6	7	65.6		
E847267		8.1	68	10.1	12.6	9	74.2		
E847268		6.6	66	9.7	13.0	11	72.3		
E847269		6.0	69	9.5	14.1	11	66.6		
E847270		5.5	71	7.9	12.3	17	64.5		
E847271		5.7	78	9.2	12.9	19	71.4		
E847272		5.6	68	7.6	13.8	30	70.3		
E847273		5.5	80	14.3	14.8	47	76.7		
E847274		3.7	73	10.4	11.6	35	68.6		
E847275		4.1	75	6.8	13.6	25	67.8		
E847276		5.6	74	5.6	18.2	27	71.6		
E847277		16.0	64	6.4	17.4	28	76.6		
E844886		7.0	87	3.6	12.2	7	106.5		
E844887		7.5	98	5.2	11.1	4	117.0		
E844888		5.0	93	5.3	12.1	3	136.0		
E844889		4.3	91	5.6	9.7	3	115.5		
E844890		3.5	88	2.3	9.7	6	91.5		
E844891		4.8	78	2.6	14.0	8	109.0		
E844892		3.0	74	2.8	9.0	6	87.6		
E844893		2.9	85	2.5	11.1	9	97.7		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844894		5.49	0.005		0.02	10.95	0.9	1310	2.59	0.04	0.20	<0.02	121.00	3.4	65	20.80
E844895		4.78	<0.005		0.02	10.15	0.8	1190	2.58	0.04	0.12	<0.02	143.00	6.7	61	19.65
E844896		0.99	<0.005		0.01	11.40	0.8	1420	3.57	0.03	0.15	<0.02	69.70	2.2	59	21.40
E844897		0.73	0.011		0.02	2.17	1.7	260	0.61	0.08	0.34	<0.02	58.90	15.1	40	3.61
E844898		3.75	0.006		0.02	11.85	1.5	1430	3.69	0.04	0.08	<0.02	124.50	4.9	74	25.50
E844899		4.42	<0.005		0.03	10.75	1.6	1150	3.27	0.03	0.13	<0.02	95.60	2.7	71	21.20
E844900		0.06	0.019		0.56	7.36	5.4	350	76.50	0.57	2.41	0.06	57.00	21.4	97	0.56
E844901		4.52	<0.005		0.01	10.20	1.0	1110	3.05	0.06	0.17	<0.02	52.70	4.3	65	20.10
E844902		4.14	0.006		0.02	9.98	1.5	1040	3.13	0.04	0.22	<0.02	94.80	5.1	65	20.30
E844903		5.61	<0.005		0.01	11.00	0.7	1030	3.25	0.04	0.11	<0.02	83.50	4.9	69	21.70
E844904		5.52	<0.005		<0.01	10.45	0.7	1070	3.38	0.04	0.11	<0.02	96.40	4.2	63	23.20
E844905		5.45	<0.005		0.02	10.65	0.7	1410	3.45	0.03	0.13	<0.02	22.60	2.5	70	23.00
E844906		4.65	0.010		0.02	10.60	0.9	1290	3.32	0.03	0.11	<0.02	45.10	3.9	63	23.50
E844907		4.88	<0.005		0.02	10.60	0.6	1180	3.51	0.03	0.10	<0.02	74.50	3.0	64	24.30
E844908		3.03	<0.005		0.03	10.30	0.7	980	3.10	0.03	0.09	<0.02	90.60	6.6	64	22.50
E844909		4.38	<0.005		0.01	10.30	1.0	1110	3.09	0.04	0.17	<0.02	109.00	4.3	66	23.90
E844910		0.04	0.032		0.01	0.07	0.4	10	<0.05	<0.01	<0.01	<0.02	2.34	0.1	5	0.06
E844911		4.36	0.007		0.01	10.75	1.1	1160	3.32	0.02	0.10	<0.02	26.80	7.5	71	24.70
E844912		4.83	<0.005		0.01	10.45	0.6	1150	3.43	0.03	0.12	<0.02	78.30	5.1	66	26.20
E844913		4.34	0.008		0.02	10.00	0.6	1130	3.33	0.02	0.21	<0.02	56.20	6.6	63	22.10
E844914		5.80	0.006		0.01	10.60	1.0	1260	3.34	0.03	0.20	<0.02	69.90	5.3	68	24.70
E844915		2.86	<0.005		0.02	10.60	0.8	1370	3.10	0.04	0.19	<0.02	37.90	3.4	71	23.70
E844916		4.23	<0.005		0.02	10.05	1.1	1260	3.32	0.04	0.26	<0.02	53.20	5.2	64	26.70
E844917		2.07	0.005		0.02	10.10	1.8	1040	3.53	0.22	0.27	<0.02	183.00	17.8	68	23.50
E844918		3.28	0.007		0.01	8.92	1.2	780	3.39	0.04	0.11	<0.02	98.40	9.3	57	17.35
E844919		5.51	<0.005		0.01	8.76	0.9	890	3.03	0.02	0.13	<0.02	145.50	5.3	57	17.85
E844920		2.54	<0.005		0.02	9.36	2.1	910	3.40	0.07	0.07	<0.02	157.50	21.7	73	19.30
E844921		4.64	0.006		0.02	9.52	2.2	900	3.06	0.08	0.08	<0.02	68.20	17.5	59	19.15
E844922		1.98	<0.005		0.01	9.30	0.7	830	3.15	0.01	0.13	<0.02	45.40	6.2	54	18.90
E844923		5.76	<0.005		0.01	9.11	1.4	800	3.15	0.03	0.13	<0.02	60.00	14.4	55	19.05
E844924		2.75	<0.005		0.12	9.29	3.5	860	3.23	0.18	0.21	<0.02	48.50	44.4	63	18.50
E844925		0.73	<0.005		0.21	10.00	5.4	850	4.50	0.28	0.13	<0.02	68.40	38.6	68	24.70
E844926		2.04	0.006		0.15	9.19	3.0	620	3.87	0.26	0.17	<0.02	15.15	21.6	53	15.25
E844927		1.17	0.014		0.20	10.00	28.0	520	6.88	2.75	0.16	<0.02	45.30	154.0	46	17.60
E844928		1.79	0.018		0.10	9.72	18.0	730	4.10	3.43	0.08	<0.02	32.90	34.3	59	18.90
E844929		2.62	<0.005		0.02	9.83	1.4	750	3.54	0.04	0.17	<0.02	8.73	20.5	60	15.65
E844930		2.96	0.005		0.01	9.73	1.4	870	3.88	0.03	0.28	<0.02	16.15	4.2	57	18.65
E844931		2.86	<0.005		0.01	9.53	0.9	880	3.60	0.02	0.32	<0.02	11.90	4.7	58	17.40
E844932		2.77	0.008		<0.01	10.40	1.0	1060	4.12	0.03	0.14	<0.02	37.90	3.1	71	21.40
E844933		2.79	<0.005		0.01	9.61	0.7	1000	4.06	0.04	0.09	<0.02	8.64	2.0	65	18.15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844894		5.9	4.12	29.60	0.18	3.1	0.065	4.59	61.2	12.6	0.49	114	0.74	0.27	4.4	28.2
E844895		7.7	4.22	28.50	0.21	3.0	0.062	4.40	67.5	12.2	0.40	85	0.99	0.25	4.3	27.0
E844896		10.4	2.38	32.50	0.10	4.3	0.070	5.13	36.6	9.6	0.30	72	0.50	0.30	9.0	11.8
E844897		13.1	9.14	7.52	0.15	0.8	0.018	0.84	33.0	5.8	0.15	252	1.36	0.07	0.9	21.4
E844898		10.2	3.57	33.70	0.19	3.8	0.080	5.34	59.0	12.1	0.35	63	1.58	0.30	5.9	15.3
E844899		28.7	3.67	29.70	0.15	3.0	0.067	4.70	48.8	14.3	0.32	121	1.66	0.27	4.4	20.6
E844900		68.7	4.82	20.50	0.15	4.6	0.051	0.59	29.1	14.3	1.26	554	39.70	4.07	8.9	180.5
E844901		11.1	2.94	28.70	0.09	3.0	0.065	4.49	25.0	10.4	0.33	134	1.20	0.26	5.4	16.2
E844902		8.7	3.19	28.50	0.14	3.2	0.066	4.24	47.2	15.7	0.46	218	1.13	0.24	5.1	24.6
E844903		4.1	3.43	29.70	0.16	3.3	0.069	4.59	41.7	15.0	0.50	140	1.14	0.26	5.3	35.2
E844904		9.1	3.66	28.50	0.16	3.3	0.075	4.35	47.0	11.4	0.40	98	1.19	0.26	5.2	32.9
E844905		10.4	3.01	30.00	0.08	3.7	0.074	4.71	10.5	8.9	0.30	75	0.66	0.28	5.7	20.6
E844906		4.1	3.66	29.00	0.11	3.4	0.069	4.36	21.1	12.6	0.42	105	0.71	0.29	5.4	38.6
E844907		4.4	3.22	28.40	0.12	2.9	0.066	4.36	37.2	10.3	0.34	69	0.46	0.32	5.3	29.9
E844908		3.2	3.68	26.40	0.15	3.1	0.061	4.04	44.9	19.3	0.56	174	0.95	0.28	4.7	44.2
E844909		4.1	3.11	27.80	0.18	3.6	0.069	4.23	52.9	11.4	0.36	178	0.58	0.30	6.2	27.3
E844910		0.7	0.02	0.18	<0.05	0.9	<0.005	0.01	1.3	1.7	<0.01	<5	0.08	<0.01	0.2	0.4
E844911		5.7	3.55	28.60	0.09	3.3	0.068	4.49	12.2	11.5	0.36	89	0.80	0.31	3.7	24.2
E844912		3.4	2.99	29.00	0.12	3.5	0.072	4.29	38.7	11.3	0.38	97	0.60	0.32	5.6	29.8
E844913		4.2	4.02	25.60	0.12	2.8	0.060	4.12	26.5	13.7	0.53	254	0.81	0.32	4.0	32.9
E844914		4.3	3.46	29.40	0.14	3.1	0.064	4.41	35.1	10.2	0.38	148	0.65	0.34	4.8	31.9
E844915		3.9	3.73	28.40	0.09	2.8	0.063	4.48	18.0	8.4	0.30	117	0.64	0.36	5.3	27.7
E844916		5.8	2.67	28.20	0.10	3.2	0.071	4.28	25.4	8.1	0.29	162	0.50	0.35	7.7	15.9
E844917		6.4	4.20	28.70	0.27	2.6	0.065	4.03	85.5	22.3	0.64	332	1.48	0.33	4.1	38.9
E844918		3.8	1.83	24.00	0.13	2.7	0.031	3.38	48.8	18.2	0.56	149	0.53	0.39	5.6	31.7
E844919		14.5	1.35	24.50	0.17	2.6	0.030	3.48	67.8	10.6	0.42	84	0.27	0.30	6.0	22.8
E844920		16.8	1.98	26.90	0.21	2.4	0.033	3.78	73.3	18.3	0.60	103	1.03	0.35	4.9	31.1
E844921		4.4	2.24	24.90	0.10	2.9	0.029	3.68	32.8	13.5	0.54	98	0.74	0.30	5.5	29.4
E844922		3.6	1.96	23.90	0.09	2.7	0.032	3.68	20.7	12.3	0.47	98	0.38	0.35	5.4	26.5
E844923		7.5	2.21	24.40	0.10	2.8	0.033	3.50	28.2	17.0	0.61	140	0.57	0.31	6.4	35.9
E844924		35.5	2.07	25.10	0.07	2.7	0.033	3.66	20.8	21.5	0.65	187	1.61	0.33	5.2	38.3
E844925		94.7	1.69	27.20	0.08	2.3	0.039	4.16	17.3	21.6	0.49	156	4.82	0.26	5.9	23.1
E844926		71.2	1.24	21.10	0.05	2.3	0.038	3.19	7.3	28.8	0.35	169	3.55	1.30	5.4	11.8
E844927		508.0	2.23	18.20	0.09	2.2	0.065	2.82	22.5	34.6	0.46	319	22.90	1.89	4.1	67.6
E844928		115.0	1.89	25.50	0.06	3.2	0.045	3.65	18.6	17.9	0.39	75	8.10	1.10	6.5	21.6
E844929		39.1	1.07	23.20	<0.05	3.1	0.033	3.37	4.5	16.7	0.42	164	0.38	1.74	5.4	19.9
E844930		14.3	0.79	23.60	<0.05	2.6	0.033	3.85	7.8	11.4	0.32	111	0.36	0.80	6.3	6.2
E844931		32.4	1.06	23.40	<0.05	2.5	0.032	3.56	5.7	15.5	0.42	150	0.32	1.03	6.1	15.7
E844932		14.3	1.13	28.90	0.06	3.1	0.034	4.44	18.1	14.4	0.41	80	0.39	0.43	6.8	18.3
E844933		12.0	0.87	24.10	<0.05	2.5	0.027	3.88	4.1	10.0	0.30	61	0.31	0.78	6.1	11.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844894		640	2.6	385.0	<0.002	<0.01	0.53	15.9	1	3.7	57.9	0.33	<0.05	20.2	0.194	2.36
E844895		570	2.7	365.0	<0.002	<0.01	0.69	14.5	1	4.0	51.2	0.32	<0.05	20.1	0.195	2.23
E844896		370	2.8	409.0	<0.002	<0.01	0.59	16.1	1	5.4	55.4	0.63	<0.05	22.6	0.202	2.51
E844897		90	3.7	69.0	<0.002	0.02	1.03	2.9	1	1.7	13.2	0.06	<0.05	7.3	0.196	0.39
E844898		420	2.9	429.0	<0.002	<0.01	0.67	16.7	1	6.1	49.7	0.43	<0.05	21.6	0.179	2.37
E844899		560	2.8	368.0	<0.002	<0.01	0.70	15.4	1	4.5	44.0	0.31	<0.05	19.3	0.141	2.19
E844900		650	519.0	27.8	0.056	0.19	0.21	14.9	5	5.7	195.5	0.95	0.12	13.8	0.345	0.15
E844901		370	3.4	366.0	<0.002	<0.01	0.53	14.7	1	4.4	43.4	0.38	<0.05	17.2	0.146	2.33
E844902		510	3.7	350.0	<0.002	<0.01	0.71	14.9	1	3.5	42.6	0.37	<0.05	20.4	0.143	2.38
E844903		510	3.3	377.0	<0.002	<0.01	0.50	15.3	1	3.5	48.0	0.38	<0.05	21.0	0.144	2.71
E844904		530	3.0	360.0	<0.002	<0.01	0.44	14.9	1	3.4	50.8	0.38	<0.05	20.3	0.138	2.72
E844905		540	3.3	385.0	<0.002	<0.01	0.48	16.0	1	3.7	49.9	0.41	<0.05	21.2	0.146	2.61
E844906		500	3.1	355.0	<0.002	<0.01	0.43	14.9	1	3.4	53.2	0.40	<0.05	20.0	0.141	2.58
E844907		490	3.1	347.0	<0.002	<0.01	0.41	14.8	1	3.4	57.2	0.40	<0.05	21.3	0.147	2.70
E844908		420	3.1	330.0	<0.002	<0.01	0.58	13.6	1	3.1	51.5	0.34	<0.05	20.0	0.129	2.39
E844909		510	3.6	334.0	<0.002	<0.01	0.47	14.0	1	3.3	57.4	0.46	<0.05	20.6	0.156	2.59
E844910		10	0.9	0.8	<0.002	<0.01	<0.05	0.2	1	<0.2	2.0	<0.05	<0.05	0.4	0.005	<0.02
E844911		480	3.4	345.0	<0.002	<0.01	0.44	14.8	1	3.4	60.4	0.24	<0.05	21.7	0.116	2.56
E844912		440	3.5	336.0	<0.002	<0.01	0.46	15.7	1	3.5	65.2	0.40	<0.05	20.6	0.153	2.63
E844913		300	3.3	305.0	<0.002	<0.01	0.44	13.0	1	3.0	59.6	0.27	<0.05	19.0	0.120	2.37
E844914		400	3.5	335.0	<0.002	<0.01	0.44	15.7	1	3.5	73.0	0.33	<0.05	20.3	0.139	2.68
E844915		390	3.6	328.0	<0.002	<0.01	0.53	14.5	1	3.4	74.0	0.39	<0.05	20.6	0.157	2.47
E844916		370	4.0	337.0	<0.002	<0.01	0.91	15.1	1	3.4	79.0	0.57	<0.05	20.8	0.193	2.57
E844917		470	4.0	315.0	<0.002	0.01	0.93	17.0	1	3.5	76.3	0.30	0.13	19.7	0.121	2.35
E844918		340	2.7	247.0	<0.002	<0.01	0.50	12.1	1	2.9	58.0	0.43	<0.05	18.8	0.130	1.80
E844919		570	2.9	247.0	<0.002	<0.01	0.40	11.8	1	2.9	63.8	0.45	<0.05	20.1	0.134	1.88
E844920		420	2.7	273.0	<0.002	0.10	0.62	13.1	1	2.8	62.5	0.35	0.05	23.4	0.123	1.93
E844921		380	2.9	269.0	<0.002	0.08	0.36	11.7	1	2.8	63.4	0.41	0.08	20.3	0.122	2.00
E844922		400	2.6	268.0	<0.002	<0.01	0.37	11.0	1	2.9	59.0	0.40	<0.05	21.1	0.114	1.94
E844923		520	2.6	258.0	<0.002	0.02	0.42	11.7	1	3.0	58.4	0.49	<0.05	20.8	0.134	1.96
E844924		1030	2.6	266.0	<0.002	0.28	0.32	12.4	1	2.9	57.6	0.39	0.11	19.8	0.129	1.85
E844925		530	3.4	334.0	<0.002	0.08	1.04	14.6	1	3.2	54.1	0.43	0.15	20.1	0.151	1.90
E844926		660	3.3	268.0	<0.002	0.06	1.24	10.8	1	2.4	58.0	0.37	0.09	19.2	0.116	1.36
E844927		850	4.8	236.0	<0.002	0.10	3.27	9.8	2	2.2	58.9	0.28	0.14	24.5	0.094	1.25
E844928		490	3.8	287.0	<0.002	0.16	1.43	13.7	1	3.1	56.2	0.42	0.77	22.5	0.141	1.64
E844929		110	3.0	244.0	<0.002	<0.01	0.59	11.8	1	2.5	61.5	0.38	<0.05	19.4	0.126	1.44
E844930		380	2.8	279.0	<0.002	<0.01	0.68	12.4	1	2.9	63.3	0.43	<0.05	17.9	0.144	1.80
E844931		460	2.7	260.0	<0.002	<0.01	0.57	13.0	1	2.9	61.4	0.43	<0.05	17.6	0.152	1.75
E844932		550	3.0	310.0	<0.002	<0.01	0.40	16.0	1	3.4	70.0	0.49	<0.05	20.4	0.181	2.14
E844933		90	2.8	272.0	<0.002	<0.01	0.31	13.3	1	3.0	71.6	0.42	<0.05	18.7	0.158	1.75

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844894		3.2	91	2.6	11.2	8	105.5		
E844895		3.2	82	3.0	10.7	7	100.5		
E844896		4.1	82	4.6	12.4	4	144.0		
E844897		1.7	57	1.7	3.8	11	27.7		
E844898		4.5	96	5.4	11.5	5	129.5		
E844899		4.3	88	3.4	10.1	7	99.2		
E844900		1650.0	670	2.8	19.9	87	188.5		0.17
E844901		6.9	82	3.5	8.7	8	99.6		
E844902		3.7	83	2.6	9.9	14	105.0		
E844903		4.1	87	2.1	10.4	14	109.5		
E844904		3.8	80	1.9	11.0	10	110.5		
E844905		4.1	83	3.2	9.9	8	121.0		
E844906		3.5	82	2.0	10.9	12	112.0		
E844907		3.2	82	1.9	11.2	8	97.7		
E844908		3.4	77	1.5	11.2	17	100.5		
E844909		3.6	75	2.4	12.0	11	118.0		
E844910		0.3	1	<0.1	1.7	3	28.3		
E844911		4.0	80	2.5	9.0	10	110.0		
E844912		3.5	81	2.5	11.5	10	115.5		
E844913		3.1	73	2.4	8.8	14	92.8		
E844914		3.4	84	2.2	10.5	12	103.5		
E844915		3.7	88	3.1	9.0	7	94.0		
E844916		4.0	79	3.6	9.3	6	108.0		
E844917		3.5	86	3.1	10.3	20	88.4		
E844918		2.6	62	2.2	9.4	13	87.6		
E844919		2.3	62	3.1	9.0	8	88.4		
E844920		3.5	69	2.4	7.4	14	82.0		
E844921		3.2	64	2.2	9.2	11	91.2		
E844922		2.4	60	2.2	8.9	9	83.8		
E844923		2.5	62	3.0	9.5	13	88.9		
E844924		3.6	68	2.7	8.4	13	88.4		
E844925		4.4	81	3.0	10.3	11	76.5		
E844926		9.8	54	2.8	7.3	9	77.9		
E844927		55.4	49	2.4	14.6	23	75.4		
E844928		14.1	71	3.3	9.8	11	104.5		
E844929		2.7	68	3.8	6.7	10	94.1		
E844930		2.4	68	4.3	6.7	5	82.3		
E844931		2.3	66	3.2	6.3	9	80.0		
E844932		2.6	86	3.7	7.5	9	100.5		
E844933		2.3	68	4.4	5.2	5	80.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844934		2.40	0.006		0.01	9.76	1.0	970	3.77	0.03	0.13	<0.02	9.10	5.4	71	18.45
E844935		2.67	<0.005		0.03	10.10	1.4	1090	4.27	0.09	0.16	<0.02	33.30	5.4	81	21.40
E844936		2.65	0.005		0.03	10.35	1.7	1050	4.47	0.02	0.14	<0.02	15.25	8.3	78	19.95
E844937		2.07	<0.005		0.03	10.70	1.6	900	4.40	0.03	0.18	<0.02	46.60	14.7	79	22.50
E839661		1.85	0.035		1.73	2.78	44.7	80	0.79	6.86	0.23	0.04	57.90	56.7	30	1.38
E839662		1.10	<0.005		0.11	0.56	5	10	0.18	0.02	20.40	0.18	7.47	3.8	6	0.14
E839663		1.55	0.015		0.14	6.34	1.7	370	0.33	0.45	6.34	<0.02	463.00	8.4	31	0.68
E839664		1.50	0.022		0.75	6.51	2.0	650	0.36	5.67	4.41	0.04	110.50	9.6	38	0.98
E839665		1.55	0.194		0.41	6.48	17.9	520	0.53	13.25	0.53	0.02	228.00	29.1	52	1.61
E839666		0.87	0.224		2.77	1.11	81.6	20	0.14	45.70	0.03	0.02	35.20	17.2	20	0.57
E839667		0.93	0.058		0.28	0.61	3500.0	30	0.08	11.15	0.03	0.05	94.90	1780.0	44	0.37
E839668		1.71	0.038		0.67	2.98	1565.0	70	0.44	2.43	0.07	0.02	363.00	505.0	20	0.71
E839669		2.32	0.358		6.79	0.07	3620.0	10	<0.05	200.00	0.08	0.09	0.98	668.0	<1	0.23
E839670		0.90	0.012		1.46	0.18	125.5	20	0.12	7.62	0.01	0.05	5.63	56.7	10	0.43
E839671		1.86	<0.005		0.07	0.96	16.7	50	0.31	0.40	0.08	<0.02	37.50	11.0	32	0.47
E839672		1.28	<0.005		9.42	0.34	451.0	30	0.11	6.55	0.32	0.12	16.65	14.0	<1	0.17
E839673		0.92	0.006		0.12	5.51	16.1	210	1.15	0.36	0.12	<0.02	79.70	149.5	48	3.38
E839674		1.16	<0.005		6.05	0.18	80	30	0.19	1.83	15.55	0.11	24.70	11.6	1	0.34
E839675		0.94	0.035		2.04	5.81	40.2	840	0.67	0.84	5.13	0.03	71.50	101.5	28	0.81
E839676		0.85	0.051		2.54	7.95	62.4	1290	1.14	1.79	2.27	<0.02	195.00	71.6	54	2.34
E839677		0.76	0.022		0.48	6.73	29.0	1400	0.30	1.20	4.92	<0.02	27.20	165.5	45	1.06
E839678		0.77	0.044		0.82	6.77	13.5	4110	2.33	1.50	2.91	0.05	97.80	12.8	42	3.18
E839790		1.15	<0.005		0.04	7.17	2.4	560	3.01	0.12	4.10	<0.02	16.15	17.8	41	2.35
E839791		1.40	0.044		0.19	7.98	11.4	20	0.50	0.19	2.67	<0.02	29.40	17.4	26	0.38
E839792		1.22	0.021		0.41	5.45	31.9	40	1.90	1.63	2.96	<0.02	259.00	328.0	34	4.48
E846211		0.69	0.008		0.49	5.90	111.0	1060	1.66	6.01	3.13	0.58	93.20	206.0	19	2.89
E846212		1.34	0.059		14.40	7.74	8.2	1530	2.24	4.59	1.54	<0.02	28.80	10.4	34	4.36
E846213		0.64	0.013		0.08	9.06	7.4	630	2.65	0.24	0.09	0.03	57.00	7.5	64	10.50
E846214		0.84	<0.005		0.63	2.60	6.4	280	0.93	2.33	0.06	0.11	23.30	4.0	22	2.16
E846215		0.77	<0.005		0.18	1.17	10.6	40	0.23	0.69	0.07	0.07	4.82	7.3	20	0.34
E847223		1.31	2.09	2.22	22.20	6.00	103.5	350	2.54	76.00	5.99	<0.02	95.10	68.8	31	2.46
E847224		1.32	0.016		2.04	5.97	41.0	210	0.58	4.18	0.56	<0.02	82.20	195.5	39	1.18
E847225		1.27	<0.005		0.14	6.45	7.1	7350	1.07	0.32	5.19	<0.02	>500	18.1	34	1.95
E847226		1.68	0.022		0.72	0.37	18	40	0.35	3.89	18.05	0.02	15.60	33.0	2	0.56
E847227		1.06	0.006		0.38	6.08	58.8	640	0.39	0.52	0.96	<0.02	34.90	131.0	13	1.16
E847228		0.86	0.005		0.65	5.75	17.9	730	0.42	0.46	6.42	<0.02	59.30	51.7	9	1.07
E847229		1.11	0.027		1.69	6.06	10.4	500	0.16	1.20	8.15	0.02	9.42	40.7	7	0.50
E847230		0.79	<0.005		0.07	7.59	14.0	520	1.93	1.30	0.09	<0.02	124.00	17.0	38	9.11
E839679		1.16	0.013		0.15	5.23	14.0	40	0.59	0.98	3.38	<0.02	74.70	31.2	10	0.96
E839680		0.91	0.012		0.44	7.85	31.2	40	1.25	4.47	3.87	<0.02	38.70	236.0	23	0.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844934		8.9	1.58	25.50	<0.05	2.7	0.033	3.62	4.3	21.1	0.59	148	0.23	0.58	6.2	29.9
E844935		10.6	1.40	29.10	0.07	2.7	0.037	4.19	14.9	19.9	0.49	112	0.21	0.43	5.5	26.2
E844936		18.9	1.68	26.90	<0.05	2.7	0.033	3.89	7.2	23.0	0.55	176	0.27	0.67	5.4	31.7
E844937		15.4	2.28	28.00	0.09	2.7	0.036	4.11	22.2	30.1	0.78	238	0.45	0.60	5.1	46.4
E839661		1425.0	2.76	6.96	0.08	0.9	0.174	1.03	28.4	7.8	0.27	66	0.40	0.23	2.4	25.5
E839662		4.3	2.32	1.49	0.07	0.2	0.060	0.02	3.4	12.0	12.95	1135	0.08	0.02	1.2	6.9
E839663		2320.0	5.41	9.87	0.48	1.7	0.088	4.68	242.0	5.1	3.01	4320	2.03	1.71	6.2	3.5
E839664		>10000	5.07	8.50	0.19	1.5	0.152	3.30	59.6	11.4	1.99	3490	0.26	2.44	2.8	4.9
E839665		>10000	9.66	16.10	0.33	1.5	0.554	5.03	120.5	38.7	1.23	632	1.83	0.05	4.6	40.9
E839666		2030.0	3.90	3.91	0.09	0.3	0.419	0.08	14.2	8.0	0.70	776	0.36	0.04	0.6	11.1
E839667		353.0	3.45	2.81	0.16	0.6	0.063	0.05	40.5	4.7	0.45	1165	0.30	0.02	0.6	262.0
E839668		1135.0	4.37	9.43	0.41	0.4	0.114	0.55	190.0	11.7	0.59	747	0.28	0.81	0.5	83.1
E839669		>10000	32.60	0.69	0.29	<0.1	2.280	0.03	<0.5	2.4	4.58	10950	0.20	0.02	0.3	305.0
E839670		742.0	7.33	0.70	0.07	<0.1	0.170	0.07	2.2	0.7	0.04	1930	0.27	0.03	0.1	32.1
E839671		67.0	3.13	2.73	0.07	0.3	0.042	0.41	15.5	1.1	0.22	1840	0.29	0.02	1.5	5.5
E839672		261.0	45.10	0.95	0.89	0.1	0.066	0.23	8.5	2.7	0.32	1305	2.35	<0.01	0.3	61.0
E839673		15.4	2.76	15.85	0.09	3.4	0.095	2.90	53.8	22.6	0.49	61	4.70	0.03	3.5	22.4
E839674		74.9	12.25	1.11	0.11	0.1	0.073	0.14	14.7	17.8	4.30	1585	3.42	0.01	0.2	27.2
E839675		4050.0	7.92	15.20	0.14	3.5	0.170	4.29	41.7	27.4	3.53	2050	11.85	0.04	6.1	49.3
E839676		5680.0	5.18	23.30	0.26	3.1	0.159	6.61	114.5	36.2	2.06	974	13.80	0.07	4.9	68.6
E839677		538.0	4.64	9.60	0.10	2.2	0.130	5.97	14.1	7.6	2.16	3000	7.19	0.07	7.1	21.1
E839678		746.0	3.01	19.50	0.22	2.6	0.399	4.48	48.1	29.1	1.64	1940	16.35	0.04	8.2	18.0
E839790		20.4	3.62	19.10	0.10	2.6	0.190	3.20	8.1	22.3	1.81	6230	0.58	1.40	5.7	14.1
E839791		1240.0	1.34	15.30	0.10	1.5	0.061	0.34	14.8	4.1	1.06	1540	1.53	6.02	5.2	16.3
E839792		19.9	12.90	13.00	0.31	1.9	0.082	0.11	165.5	91.2	2.40	4610	36.00	1.94	2.0	50.1
E846211		>10000	2.90	11.55	0.17	1.8	0.221	4.48	49.0	46.1	1.95	1365	4.55	0.07	2.8	56.6
E846212		>10000	1.76	20.80	0.10	3.9	0.085	4.89	13.9	26.7	1.42	595	10.40	0.05	6.5	16.2
E846213		41.4	3.67	24.60	0.09	4.0	0.073	2.45	8.8	49.3	1.05	507	3.82	0.44	17.0	16.9
E846214		157.5	3.22	6.62	0.05	1.1	0.018	0.52	11.6	28.5	0.60	333	1.85	0.08	3.8	5.7
E846215		136.5	3.45	3.40	<0.05	0.3	0.032	0.11	2.3	21.1	0.46	503	0.89	0.02	1.4	19.8
E847223		113.5	2.02	19.00	0.84	2.7	0.095	3.33	44.4	40.2	3.88	2360	1780.00	0.03	8.9	62.5
E847224		>10000	18.55	18.35	0.24	1.6	0.421	1.25	42.2	55.5	2.88	4650	7.32	0.02	3.5	101.5
E847225		1250.0	5.17	17.35	0.53	2.1	0.206	6.11	311.0	8.4	2.24	3610	5.34	0.06	3.2	23.1
E847226		2220.0	4.03	0.96	<0.05	0.2	0.335	0.20	7.8	4.0	9.78	4830	17.55	0.03	0.4	16.2
E847227		1580.0	9.57	17.65	0.15	2.8	0.083	5.61	16.5	28.5	1.84	565	11.90	0.06	1.9	57.8
E847228		3110.0	7.36	10.80	0.13	3.2	0.240	6.38	30.1	9.2	3.02	3860	2.62	0.07	10.0	17.7
E847229		2730.0	3.70	13.60	0.07	3.3	0.291	7.44	4.6	2.0	3.54	3420	9.43	0.07	8.5	10.5
E847230		51.2	3.98	18.05	0.15	2.5	0.044	2.34	53.8	19.9	0.59	217	0.47	1.49	10.6	14.5
E839679		41.7	13.35	34.70	0.21	0.9	0.057	0.09	22.7	49.9	5.23	1555	5.92	0.78	2.9	135.5
E839680		241.0	2.88	14.30	0.09	1.0	0.037	0.14	22.1	1.4	1.32	2280	154.00	6.35	4.1	22.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844934		370	2.9	263.0	<0.002	<0.01	0.31	14.1	1	2.9	69.1	0.43	<0.05	17.7	0.156	1.87
E844935		780	3.1	297.0	<0.002	<0.01	0.36	16.6	1	3.3	73.3	0.38	0.06	18.0	0.158	2.07
E844936		430	3.4	280.0	<0.002	<0.01	0.38	14.9	1	3.3	79.9	0.38	<0.05	17.8	0.149	1.91
E844937		550	3.2	302.0	<0.002	<0.01	0.49	15.8	1	3.5	77.6	0.36	<0.05	18.3	0.146	2.17
E839661		1170	17.0	77.3	<0.002	1.60	5.73	3.5	4	1.5	7.1	0.18	0.10	6.9	0.062	0.18
E839662		150	11.7	0.7	<0.002	<0.01	0.36	1.3	1	0.5	86.2	0.07	0.05	1.2	0.028	<0.02
E839663		610	2.2	93.6	<0.002	0.16	0.66	6.5	2	2.4	23.1	0.56	0.09	10.1	0.262	0.38
E839664		90	5.2	95.1	<0.002	1.17	2.62	12.2	3	2.9	24.9	0.47	<0.05	13.0	0.204	0.38
E839665		680	5.8	152.0	<0.002	3.77	2.51	6.4	5	1.8	12.8	0.36	0.16	9.2	0.232	0.72
E839666		50	7.7	5.1	<0.002	0.09	2.54	1.1	2	0.6	4.9	<0.05	0.48	3.1	0.012	0.04
E839667		50	10.1	3.2	<0.002	0.20	5.77	1.5	3	0.2	4.0	<0.05	0.51	2.8	0.011	0.02
E839668		190	4.5	48.3	<0.002	0.80	7.02	2.5	3	0.7	7.9	<0.05	0.27	11.2	0.015	0.12
E839669		10	11.7	1.8	<0.002	7.79	28.80	1.2	9	2.6	2.4	<0.05	0.24	<0.2	<0.005	0.05
E839670		40	12.7	3.8	<0.002	0.08	16.35	1.7	2	0.2	6.5	<0.05	0.06	0.2	<0.005	0.02
E839671		40	2.5	29.7	<0.002	<0.01	2.02	1.5	1	0.4	2.6	0.11	<0.05	3.3	0.026	0.09
E839672		40	467.0	6.7	<0.002	0.86	60.40	0.7	1	<0.2	1.4	<0.05	<0.05	0.8	<0.005	0.21
E839673		720	6.7	182.0	<0.002	1.65	3.32	9.4	4	6.3	6.5	0.28	0.16	12.5	0.114	0.42
E839674		80	322.0	8.8	0.002	9.57	20.90	0.4	1	<0.2	16.2	<0.05	0.08	0.4	<0.005	2.78
E839675		810	21.5	104.5	0.006	0.64	4.33	26.3	2	2.2	33.1	0.47	0.06	5.4	0.604	0.42
E839676		1070	11.2	186.5	0.003	0.86	3.22	13.2	9	4.2	22.7	0.41	0.27	18.0	0.173	0.82
E839677		620	11.7	115.0	0.026	1.01	2.36	9.7	2	3.8	20.3	0.61	0.10	12.4	0.182	0.91
E839678		730	116.0	290.0	<0.002	0.14	19.65	10.5	4	2.8	40.1	0.65	0.10	19.6	0.245	0.64
E839790		710	1.3	202.0	<0.002	<0.01	0.92	11.6	1	3.7	21.4	0.53	0.05	16.2	0.197	0.37
E839791		1420	2.8	8.2	<0.002	0.28	0.62	2.7	1	1.1	17.4	0.39	0.06	11.5	0.128	0.03
E839792		1300	7.3	6.2	0.015	4.67	2.99	5.3	4	3.6	36.1	0.11	0.64	12.2	0.037	2.06
E846211		790	16.8	230.0	0.007	0.45	13.15	6.8	4	0.6	64.7	0.19	<0.05	12.8	0.081	8.79
E846212		650	3.6	253.0	0.078	0.06	10.45	9.8	5	3.1	21.4	0.54	0.17	20.3	0.174	0.72
E846213		340	11.1	175.5	0.005	0.02	0.66	14.6	1	3.0	68.0	1.28	<0.05	19.7	0.410	0.92
E846214		400	91.7	41.9	<0.002	0.03	5.24	4.0	2	0.6	16.4	0.29	0.62	4.9	0.095	0.25
E846215		140	9.9	7.1	<0.002	0.05	2.39	1.2	1	0.2	3.9	0.07	0.08	2.2	0.024	0.06
E847223		600	250.0	226.0	1.200	0.12	13.00	14.7	72	4.8	25.7	0.73	35.00	15.7	0.195	6.02
E847224		700	4.2	55.1	0.004	4.57	1.58	9.8	3	2.6	7.7	0.27	0.17	12.9	0.104	0.14
E847225		670	4.7	193.0	0.003	0.28	2.52	14.1	5	2.1	98.5	0.23	0.10	16.5	0.127	0.40
E847226		150	10.5	8.7	0.009	0.07	0.79	1.1	3	<0.2	89.3	<0.05	0.15	1.0	0.010	0.52
E847227		720	2.7	106.5	<0.002	0.19	2.83	22.5	2	1.3	19.1	0.12	<0.05	4.6	0.223	0.37
E847228		730	3.7	121.0	0.002	0.23	2.77	27.3	2	1.3	42.4	0.66	<0.05	5.4	0.809	0.43
E847229		710	5.1	116.5	0.004	0.55	4.25	20.5	3	2.4	43.3	0.57	0.11	5.9	0.747	0.49
E847230		170	6.5	159.0	<0.002	0.02	0.88	8.8	1	2.5	41.6	0.76	0.07	18.6	0.221	0.81
E839679		2720	387.0	5.4	0.004	<0.01	5.43	27.1	4	0.6	22.8	0.09	0.07	23.9	0.132	0.03
E839680		120	14.9	3.3	0.022	1.01	1.31	15.5	7	0.4	65.8	0.30	0.19	6.0	0.111	0.11

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E844934		2.6	76	3.9	5.9	15	85.7		
E844935		2.7	93	2.9	6.9	12	90.2		
E844936		2.7	85	3.9	7.0	16	89.4		
E844937		2.9	93	2.9	8.0	26	88.5		
E839661		1.7	19	1.1	6.3	19	29.6		
E839662		0.5	8	0.2	11.0	78	6.6		
E839663		4.7	72	2.0	26.9	10	53.2		
E839664		1.6	68	1.2	14.5	15	49.7	0.978	
E839665		4.3	75	1.4	14.7	21	54.0	2.49	
E839666		1.7	8	0.2	5.8	12	11.0		
E839667		0.9	4	0.2	2.7	19	19.0		
E839668		1.1	8	0.7	8.0	9	14.6		
E839669		0.2	1	0.1	8.2	30	0.8	1.760	
E839670		1.3	1	0.1	9.5	14	0.9		
E839671		1.0	5	0.4	4.1	5	10.7		
E839672		0.9	8	<0.1	7.9	90	4.5		
E839673		5.6	62	2.3	20.0	10	107.5		
E839674		0.9	18	0.1	7.1	86	4.9		
E839675		5.3	292	8.9	22.1	63	115.5		
E839676		16.7	106	8.1	19.6	39	104.5		
E839677		6.2	63	11.3	17.6	11	67.9		
E839678		790.0	65	3.3	36.8	16	84.8		
E839790		3.4	65	3.1	13.2	4	76.9		
E839791		3.4	28	21.0	5.6	3	50.4		
E839792		56.0	59	9.7	20.1	41	62.6		
E846211		48.5	36	1.4	23.1	35	61.1	1.665	
E846212		13.9	95	2.2	17.2	10	123.0	1.075	
E846213		5.9	86	1.3	17.2	89	123.5		
E846214		2.1	23	3.0	7.9	75	37.2		
E846215		1.3	10	0.2	2.9	46	9.9		
E847223		1060.0	73	9.3	144.5	27	78.2		0.11
E847224		11.6	77	0.5	9.8	20	54.4	2.73	
E847225		10.9	96	2.7	19.4	8	69.7		
E847226		5.5	8	0.2	13.9	16	6.7		
E847227		2.3	353	0.9	13.2	29	91.6		
E847228		3.8	342	1.2	24.3	14	104.5		
E847229		8.5	104	8.2	30.1	11	117.0		
E847230		4.6	54	1.9	13.4	39	78.1		
E839679		1610.0	371	2.1	73.7	80	30.1		0.16
E839680		5.6	27	1.2	11.8	24	34.1		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 3-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E839681		0.90	0.011		0.08	8.57	4.8	390	2.30	0.38	3.61	<0.02	37.30	49.0	32	1.81

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839681		1765.0	10.20	27.50	0.12	1.0	0.193	0.99	16.6	33.8	3.77	1430	0.75	2.65	11.0	74.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839681		920	4.7	53.7	<0.002	0.14	4.64	37.5	2	1.6	59.0	0.74	<0.05	4.9	1.255	0.27

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086401

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839681		3.3	469	2.5	20.4	226	19.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

CERTIFICATE TR07086403

Project: Werneckes

P.O. No.: FRG07-01

This report is for 117 Drill Core samples submitted to our lab in Terrace, BC, Canada on 7-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Zn-OG62	Ore Grade Zn - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844843		1.42	0.007		0.14	10.40	2.3	1630	4.29	0.16	0.15	0.03	109.50	20.2	139	13.45
E844844		8.22	<0.005		0.04	11.55	1.0	1400	3.95	0.03	0.13	<0.02	144.00	3.8	59	11.90
E844845		7.58	0.005		0.02	11.00	0.8	1190	4.17	0.04	0.15	<0.02	125.50	4.5	54	11.40
E844846		7.96	0.005		0.02	10.95	1.1	1220	3.90	0.08	0.20	<0.02	136.50	5.6	53	8.90
E844847		4.99	0.005		0.03	10.20	1.2	1260	3.99	0.11	0.22	<0.02	140.00	10.4	53	7.49
E844848		3.42	<0.005		0.04	10.85	1.2	1040	4.24	0.06	0.40	<0.02	102.50	3.9	54	7.80
E844849		7.93	0.005		0.03	7.27	1.2	760	2.56	0.21	0.27	<0.02	38.00	5.2	38	4.82
E844850		2.98	<0.005		0.02	10.80	1.1	1100	3.52	0.04	0.14	<0.02	45.90	5.7	57	6.35
E844851		2.78	0.007		0.02	10.20	1.7	1010	3.41	0.60	0.11	<0.02	97.90	34.3	55	6.00
E844852		3.56	<0.005		0.03	11.35	1.4	1120	3.72	0.12	0.09	<0.02	68.80	5.1	56	7.05
E844853		2.93	<0.005		0.01	10.45	1.2	1170	3.65	0.03	0.11	<0.02	131.50	4.6	48	6.86
E844854		2.85	<0.005		0.03	9.74	1.2	940	2.90	0.11	0.15	<0.02	79.60	5.6	42	5.72
E844855		2.06	<0.005		0.02	9.36	1.2	180	1.72	0.03	0.45	0.02	15.25	4.3	25	1.02
E844856		2.89	<0.005		0.02	8.53	0.8	890	2.67	0.02	0.14	<0.02	39.70	4.1	42	5.75
E844857		5.24	<0.005		0.02	8.36	1.4	640	2.13	0.05	0.30	<0.02	10.25	4.1	36	3.73
E844858		0.57	<0.005		0.02	7.74	1.2	480	1.93	0.03	0.29	<0.02	31.40	2.5	28	3.27
E844859		4.91	0.006		0.02	8.85	1.1	1230	3.08	0.15	0.16	<0.02	65.10	8.9	45	7.17
E844860		3.30	<0.005		0.02	8.43	1.2	860	2.52	0.02	0.17	<0.02	61.70	6.1	46	5.64
E844861		1.40	<0.005		0.02	7.55	1.4	130	1.43	0.02	0.72	0.02	5.17	8.6	28	0.81
E844862		1.13	0.007		0.02	8.30	1.3	420	1.93	0.03	0.41	<0.02	25.90	3.5	27	2.38
E844863		2.53	<0.005		0.01	9.23	2.7	1300	3.09	0.03	0.08	<0.02	64.20	2.6	36	6.63
E844864		2.08	0.008		0.02	7.83	1.7	350	1.34	0.21	1.17	0.03	19.75	9.3	28	1.91
E844865		2.97	0.007		0.02	7.64	1.1	900	2.26	0.03	0.97	<0.02	58.90	9.4	45	4.56
E844866		0.65	0.013		0.08	9.08	1.2	130	1.15	0.97	0.60	0.02	33.10	20.6	22	0.66
E844867		1.28	0.008		0.03	7.68	0.8	380	1.41	0.16	0.16	0.02	10.45	13.7	39	2.49
E844868		0.05	0.008		0.02	0.07	0.2	10	<0.05	<0.01	0.01	<0.02	2.39	0.1	<1	<0.05
E844869		1.40	0.010		0.03	8.25	1.1	240	1.36	0.07	0.93	<0.02	4.29	6.2	44	1.53
E844870		4.53	<0.005		0.01	8.14	1.0	1180	3.27	0.05	0.27	0.02	117.00	2.0	41	7.17
E844871		1.52	0.010		0.01	8.83	0.9	720	2.34	0.09	0.19	0.03	80.40	5.1	40	4.54
E844872		3.65	0.007		<0.01	9.36	0.9	1210	3.31	0.03	0.23	<0.02	136.00	4.8	52	7.58
E844873		5.31	0.005		<0.01	10.65	1.5	1230	3.55	0.04	0.17	<0.02	83.50	5.0	56	6.97
E844874		6.36	0.006		<0.01	10.45	1.1	1810	4.39	0.45	0.12	<0.02	110.00	4.0	57	7.68
E844875		3.60	0.008		0.01	9.58	1.8	1770	3.91	0.16	0.18	<0.02	123.00	4.1	51	6.88
E844876		5.49	<0.005		<0.01	12.15	1.8	3120	4.83	0.03	0.11	<0.02	65.40	5.3	64	11.90
E844877		3.30	0.011		0.02	9.54	2.2	2030	3.76	0.57	0.22	<0.02	128.50	27.8	49	12.75
E844878		4.04	0.008		0.01	10.85	1.9	1680	4.30	0.19	0.12	<0.02	121.50	10.5	62	15.45
E844879		1.04	0.006		0.01	10.80	1.4	1380	4.38	0.03	0.10	<0.02	140.00	4.3	63	17.30
E844880		1.18	0.006		<0.01	10.75	1.4	1360	4.45	0.03	0.10	<0.02	138.00	5.4	62	17.50
E844881		5.26	0.005		0.01	10.45	3.3	1290	3.83	0.05	0.11	<0.02	108.50	20.1	61	16.55
E844882		5.92	0.006		0.10	11.85	1.1	1680	4.83	0.01	0.12	<0.02	14.10	3.2	68	20.30

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844843		40.2	5.90	26.90	0.15	3.2	0.110	4.68	55.0	15.0	0.49	167	1.26	0.18	2.7	25.0
E844844		6.0	5.05	28.80	0.17	3.6	0.139	5.25	67.4	11.6	0.45	79	0.67	0.21	4.7	28.9
E844845		7.3	4.28	27.20	0.16	3.8	0.124	4.95	60.2	15.0	0.54	89	0.42	0.23	5.3	28.3
E844846		8.6	3.83	26.10	0.17	3.7	0.138	4.94	66.3	11.8	0.43	104	0.43	0.24	6.6	24.5
E844847		5.3	4.39	27.60	0.19	3.9	0.128	4.70	66.9	11.7	0.47	127	0.91	0.27	5.4	26.7
E844848		3.8	3.52	27.00	0.14	4.0	0.088	4.29	50.5	16.6	0.69	258	0.36	1.10	6.2	26.6
E844849		15.6	3.67	19.45	0.07	2.9	0.057	3.03	18.5	15.4	0.56	231	1.17	0.32	4.3	26.6
E844850		8.3	5.57	29.30	0.12	3.5	0.086	4.68	22.3	10.2	0.45	88	0.89	0.34	5.6	30.8
E844851		8.4	5.15	27.80	0.16	3.8	0.074	4.37	48.7	14.2	0.54	122	1.69	0.26	4.8	33.4
E844852		4.9	4.91	29.90	0.14	4.5	0.082	4.92	33.2	15.3	0.61	106	0.57	0.27	6.1	32.6
E844853		3.3	3.01	29.60	0.16	4.5	0.078	4.67	63.5	15.2	0.62	80	0.26	0.26	6.7	28.4
E844854		5.2	2.99	23.90	0.11	3.4	0.059	3.46	40.7	14.1	0.63	125	0.29	1.23	6.0	28.7
E844855		5.8	3.34	13.60	0.07	1.2	0.008	0.65	7.6	11.8	0.47	332	0.66	5.80	2.3	22.4
E844856		6.1	3.02	22.70	0.09	2.1	0.064	3.04	20.0	12.9	0.59	118	0.25	1.10	4.9	22.1
E844857		3.4	3.69	19.10	0.08	1.3	0.044	2.20	5.0	10.9	0.52	262	0.74	2.29	4.1	27.3
E844858		3.4	2.11	14.90	0.06	0.8	0.034	1.45	16.0	9.3	0.29	223	0.45	3.24	2.7	13.0
E844859		4.0	4.22	25.80	0.10	2.1	0.122	3.67	34.7	7.7	0.34	69	1.19	0.57	4.9	21.6
E844860		2.7	5.14	21.80	0.12	1.4	0.082	2.53	31.2	12.9	0.77	159	0.51	1.66	4.3	40.9
E844861		5.6	4.06	13.20	0.11	1.2	0.013	0.31	2.6	20.9	1.05	1055	2.01	5.54	3.7	50.7
E844862		9.0	2.33	15.25	0.09	5.1	0.029	1.31	12.5	10.9	0.39	377	0.63	4.90	9.5	22.3
E844863		2.0	3.13	24.90	0.10	3.6	0.107	3.58	32.9	10.3	0.44	102	0.31	0.93	6.9	19.1
E844864		18.7	4.38	13.05	0.10	1.2	0.031	1.03	9.8	16.2	0.75	978	3.43	3.57	3.0	33.5
E844865		3.1	4.62	21.00	0.11	2.2	0.090	2.72	30.6	18.6	0.92	944	3.30	0.75	5.5	34.0
E844866		16.1	3.31	10.05	0.16	0.8	0.016	0.45	17.5	14.4	0.42	659	1.78	5.74	2.3	19.9
E844867		5.3	5.67	15.45	0.15	0.9	0.030	1.46	5.2	35.9	0.91	478	1.25	2.13	2.9	54.9
E844868		0.5	0.02	0.18	0.06	0.7	0.018	0.01	1.4	2.2	<0.01	<5	0.07	0.01	0.2	0.5
E844869		34.3	5.97	13.20	0.17	1.3	0.028	0.77	2.2	25.6	0.76	1060	10.75	4.00	3.7	46.7
E844870		5.6	2.84	25.70	0.25	1.9	0.113	3.54	62.1	11.6	0.38	182	1.16	0.39	4.7	16.5
E844871		4.2	4.23	22.80	0.22	1.9	0.056	2.17	42.4	26.2	0.68	207	0.68	2.46	4.2	37.2
E844872		2.6	4.38	28.00	0.28	2.2	0.113	3.75	68.9	23.8	0.64	292	0.78	0.77	4.7	32.9
E844873		10.9	3.32	29.40	0.21	2.8	0.110	3.64	41.9	18.3	0.54	137	0.85	2.07	6.4	27.0
E844874		6.6	2.96	31.30	0.27	2.7	0.090	4.69	59.4	14.7	0.37	42	0.89	0.28	5.7	16.2
E844875		9.5	3.88	25.30	0.27	3.7	0.108	3.72	67.5	16.0	0.34	110	6.91	1.14	6.3	28.1
E844876		10.4	5.08	36.70	0.24	3.7	0.141	5.42	33.5	20.2	0.52	109	0.86	0.27	5.5	40.5
E844877		24.1	4.15	28.50	0.29	3.1	0.102	4.12	66.4	18.4	0.49	173	1.30	0.19	5.2	36.2
E844878		168.0	3.85	32.40	0.29	3.6	0.099	4.91	64.2	16.1	0.43	96	4.66	0.23	6.3	30.5
E844879		41.6	5.32	30.10	0.32	2.5	0.096	4.92	69.7	11.9	0.33	37	1.78	0.22	4.1	35.7
E844880		45.7	5.01	30.60	0.33	2.6	0.088	4.78	71.7	12.4	0.33	42	1.68	0.21	4.5	34.3
E844881		30.4	5.35	29.40	0.29	2.4	0.084	4.68	56.1	12.8	0.34	74	1.07	0.21	4.6	27.4
E844882		4.7	2.79	36.60	0.16	3.5	0.088	5.69	6.4	11.9	0.35	56	0.68	0.26	7.9	16.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844843		490	2.6	327.0	<0.002	0.07	1.33	11.8	1	3.7	17.5	0.17	0.06	22.6	0.148	0.94
E844844		470	2.4	361.0	<0.002	<0.01	0.53	13.9	1	3.8	17.5	0.29	0.07	25.3	0.165	0.93
E844845		510	2.2	350.0	<0.002	<0.01	0.47	14.0	1	3.6	15.1	0.33	<0.05	23.8	0.167	0.89
E844846		460	2.3	346.0	<0.002	<0.01	0.58	12.7	1	3.5	12.1	0.45	0.05	23.2	0.194	0.72
E844847		400	2.7	311.0	<0.002	0.01	0.72	13.3	1	3.8	14.4	0.35	0.07	23.7	0.199	0.56
E844848		480	3.2	301.0	<0.002	<0.01	0.67	14.6	1	4.2	18.0	0.41	0.06	23.8	0.232	0.57
E844849		420	3.3	200.0	<0.002	<0.01	0.71	10.9	1	3.3	13.3	0.27	0.15	13.4	0.145	0.41
E844850		380	2.7	313.0	<0.002	<0.01	0.56	13.7	1	5.3	16.4	0.32	<0.05	21.4	0.172	0.62
E844851		390	2.6	295.0	<0.002	0.17	0.57	13.4	2	5.6	14.2	0.28	0.33	20.2	0.160	0.57
E844852		410	2.7	331.0	<0.002	<0.01	0.64	14.1	1	6.7	15.3	0.35	0.08	22.5	0.187	0.61
E844853		550	2.9	303.0	<0.002	<0.01	0.50	15.1	1	6.7	15.6	0.39	0.05	23.3	0.188	0.59
E844854		400	3.7	236.0	<0.002	<0.01	0.48	10.5	1	6.0	30.2	0.38	0.06	24.5	0.185	0.39
E844855		280	4.1	48.8	<0.002	<0.01	0.41	2.3	1	1.5	73.3	0.17	<0.05	7.5	0.118	0.09
E844856		360	3.1	209.0	<0.002	<0.01	0.36	12.4	1	5.9	25.5	0.32	<0.05	16.2	0.180	0.41
E844857		230	3.4	152.0	<0.002	<0.01	0.39	9.3	1	4.5	36.8	0.27	<0.05	14.4	0.130	0.28
E844858		400	4.8	100.5	<0.002	<0.01	0.44	6.4	1	2.8	44.0	0.18	<0.05	10.7	0.082	0.21
E844859		400	3.2	243.0	<0.002	0.03	0.36	13.8	1	5.9	24.0	0.30	0.10	19.1	0.145	0.49
E844860		280	3.5	165.0	<0.002	<0.01	0.37	11.2	1	4.3	34.7	0.28	<0.05	25.3	0.122	0.35
E844861		170	3.1	19.0	<0.002	<0.01	0.48	1.8	1	0.8	68.7	0.26	<0.05	21.7	0.070	0.05
E844862		460	4.5	94.8	<0.002	<0.01	0.54	5.8	1	2.7	60.1	0.66	<0.05	33.9	0.167	0.19
E844863		180	3.3	234.0	<0.002	<0.01	0.37	13.8	1	5.2	20.5	0.43	<0.05	21.0	0.162	0.47
E844864		260	4.2	79.5	<0.002	0.01	0.58	5.0	1	2.0	38.5	0.21	0.13	14.4	0.088	0.15
E844865		280	2.9	180.5	<0.002	0.01	0.46	12.0	1	4.5	17.7	0.35	<0.05	21.2	0.121	0.38
E844866		150	5.6	37.2	<0.002	0.07	0.74	1.7	1	0.8	62.3	0.18	0.57	5.3	0.061	0.09
E844867		80	2.8	107.5	<0.002	0.03	1.03	4.7	1	2.6	24.4	0.22	0.10	14.0	0.096	0.24
E844868		10	0.9	0.5	0.002	0.01	<0.05	0.2	1	<0.2	1.9	<0.05	<0.05	0.4	0.005	<0.02
E844869		70	4.3	51.2	<0.002	<0.01	0.71	4.6	1	1.7	53.8	0.29	0.07	19.7	0.119	0.12
E844870		440	2.8	222.0	<0.002	<0.01	0.55	13.0	1	4.7	17.9	0.29	0.06	18.7	0.142	0.47
E844871		660	3.7	137.5	<0.002	<0.01	0.46	9.3	1	4.1	35.4	0.28	0.07	19.8	0.150	0.33
E844872		550	2.8	231.0	<0.002	<0.01	0.78	16.1	1	5.3	21.4	0.30	0.05	19.2	0.158	0.50
E844873		530	2.8	222.0	0.002	<0.01	0.58	14.4	2	4.8	29.0	0.41	0.06	21.8	0.191	0.49
E844874		590	2.3	300.0	<0.002	0.01	0.49	15.2	2	5.2	15.5	0.36	0.31	19.7	0.221	0.58
E844875		650	3.3	234.0	<0.002	<0.01	0.74	12.6	1	4.1	23.3	0.44	0.12	21.9	0.190	0.50
E844876		280	2.7	361.0	0.002	0.01	0.74	18.4	1	6.4	21.7	0.33	0.06	22.1	0.184	0.97
E844877		400	2.5	303.0	<0.002	0.10	0.74	13.8	2	5.2	18.4	0.32	0.39	18.4	0.131	1.05
E844878		400	2.4	361.0	0.002	0.02	0.85	16.8	2	6.2	20.9	0.43	0.13	18.3	0.159	1.37
E844879		540	2.3	371.0	<0.002	<0.01	0.62	16.4	2	4.1	21.6	0.27	0.06	20.5	0.130	1.53
E844880		540	2.1	363.0	0.002	<0.01	0.65	16.4	1	4.3	21.4	0.31	0.06	19.9	0.136	1.48
E844881		550	2.4	352.0	0.002	0.03	1.15	15.8	1	4.0	20.8	0.30	0.05	19.0	0.203	1.41
E844882		430	2.2	411.0	<0.002	<0.01	0.75	21.4	1	5.0	25.8	0.52	<0.05	21.6	0.207	1.78

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Zn-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Zn	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01	0.01
E844843		5.2	71	4.2	11.4	17	97.9			
E844844		4.1	79	4.7	13.4	5	112.0			
E844845		4.4	73	4.4	15.2	5	124.0			
E844846		4.1	75	5.4	14.6	4	118.5			
E844847		4.6	71	6.8	14.9	7	131.5			
E844848		4.9	75	4.5	14.5	10	128.5			
E844849		3.1	53	4.1	9.2	14	92.8			
E844850		6.2	75	6.0	11.3	8	118.0			
E844851		4.8	70	7.4	12.7	15	124.0			
E844852		5.0	74	8.7	14.5	17	151.5			
E844853		6.4	73	8.0	15.2	10	151.5			
E844854		5.0	56	9.9	13.3	11	115.5			
E844855		8.0	26	3.5	8.5	14	41.8			
E844856		5.7	61	7.7	7.4	12	69.0			
E844857		1.9	50	7.4	4.3	14	42.1			
E844858		1.2	30	6.1	3.5	16	27.5			
E844859		2.2	65	7.9	7.5	6	70.1			
E844860		2.1	57	6.1	4.7	12	49.0			
E844861		2.7	21	4.3	4.7	25	40.5			
E844862		4.5	26	7.0	13.3	14	169.0			
E844863		3.2	60	5.9	9.7	8	120.0			
E844864		9.4	30	3.8	6.5	22	40.7			
E844865		2.8	55	5.8	7.9	21	70.9			
E844866		0.9	15	2.3	3.2	21	29.4			
E844867		1.7	37	4.2	2.3	36	32.0			
E844868		0.2	1	<0.1	1.7	2	22.2			
E844869		3.1	33	3.4	3.8	27	44.5			
E844870		2.1	53	4.0	7.9	5	60.5			
E844871		2.2	45	4.6	7.5	21	62.8			
E844872		2.1	68	4.3	9.2	16	74.8			
E844873		3.3	64	5.9	9.1	10	88.9			
E844874		3.1	78	5.5	13.3	4	92.1			
E844875		10.8	62	5.0	16.2	5	121.0			
E844876		6.5	89	5.4	12.9	8	126.0			
E844877		3.8	68	6.1	13.2	10	97.9			
E844878		4.8	82	9.5	12.9	7	117.0			
E844879		3.5	84	3.4	10.3	4	83.6			
E844880		3.6	82	3.6	10.6	4	87.6			
E844881		3.1	84	3.7	9.9	5	78.2			
E844882		3.8	92	3.0	8.7	4	113.0			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844883		4.40	0.008		0.02	11.15	1.1	1340	3.66	0.05	0.26	<0.02	90.60	4.5	59	16.30
E844884		5.22	0.007		<0.01	11.20	1.4	1320	4.13	0.05	0.14	0.02	131.50	5.6	62	19.65
E844885		0.07	0.006		0.02	0.07	0.6	10	<0.05	<0.01	0.01	<0.02	2.80	0.1	<1	0.05
E846401		1.45	0.007		0.06	7.01	14.6	460	2.11	0.39	0.43	<0.02	31.60	25.9	50	2.76
E846402		1.35	<0.005		0.02	8.50	2.5	520	2.57	0.09	0.15	<0.02	69.40	3.8	55	2.44
E846403		2.14	0.005		0.01	8.61	2.1	450	2.71	0.09	0.09	<0.02	73.80	4.1	59	2.65
E846404		2.73	0.006		0.03	8.72	7.3	500	2.66	0.28	0.71	<0.02	51.50	12.3	58	3.33
E846405		1.21	0.009		0.08	6.65	16.4	350	1.39	0.41	3.58	0.02	227.00	35.9	37	1.88
E846406		2.85	0.006		0.01	10.35	2.7	680	3.14	0.08	0.07	<0.02	53.50	5.7	75	3.65
E846407		3.22	0.008		0.08	8.24	13.6	1040	1.69	0.45	3.55	<0.02	214.00	39.4	49	2.05
E846408		2.20	0.014		0.30	7.92	33.0	830	4.61	0.37	4.41	0.02	83.90	18.0	42	2.19
E846409		2.63	0.357		8.74	2.47	299	400	1.19	2.05	12.15	0.03	49.90	184.5	14	0.84
E846410		2.48	0.028		0.58	7.96	48.6	330	3.87	0.44	3.72	0.03	89.60	178.0	36	3.55
E846411		3.17	0.006		0.14	6.69	15.5	3610	3.35	0.24	5.76	<0.02	76.70	18.4	36	1.86
E846412		1.92	0.008		0.08	5.22	5.7	320	1.97	0.10	7.83	<0.02	63.20	10.2	26	1.10
E846413		3.59	0.008		0.10	5.70	14.1	260	1.86	0.52	6.62	<0.02	72.00	23.9	25	1.21
E846414		1.88	0.005		0.04	6.63	7.1	260	2.39	0.19	6.58	<0.02	87.20	26.8	25	1.32
E846415		1.95	0.006		0.11	6.03	6.2	80	1.09	0.34	7.09	<0.02	78.50	24.7	26	0.55
E846416		1.16	0.006		0.12	0.33	5	30	0.14	0.10	18.10	0.03	40.30	12.8	10	0.36
E846417		2.21	0.007		0.14	0.48	8	40	0.32	0.10	17.55	0.03	489.00	19.3	27	0.42
E846418		3.63	0.011		0.26	9.21	12.4	170	1.53	0.50	0.47	<0.02	53.00	63.1	78	0.92
E846419		1.86	0.010		0.22	4.52	5.3	40	0.40	0.25	9.75	<0.02	218.00	42.5	26	0.33
E846420		1.99	0.009		0.20	6.67	4.7	30	0.42	0.22	7.91	0.02	37.60	38.9	24	0.30
E846421		1.87	0.032		0.47	2.74	17	30	0.24	0.70	13.75	0.02	>500	67.9	16	0.29
E846298		3.30	0.007		0.06	8.66	11.1	510	1.63	0.41	2.47	<0.02	162.50	21.7	48	2.74
E846299		2.82	0.007		0.01	10.40	1.5	390	3.50	0.14	0.20	<0.02	121.00	6.1	63	3.28
E846300		2.07	<0.005		<0.01	9.77	1.3	310	3.32	0.08	0.49	<0.02	117.00	2.2	49	1.32
E839789		1.43	<0.005		0.08	7.64	1.7	100	1.02	0.07	6.11	0.03	64.80	5.1	25	0.44
E839962		1.74	<0.005		0.32	1.39	82	50	0.64	5.79	15.70	0.45	8.07	16.5	1	0.27
E839963		1.46	<0.005		0.37	1.13	23	50	0.39	4.46	17.50	1.02	6.93	5.1	<1	0.16
E846307		0.73	<0.005		0.02	9.99	2.0	930	2.89	0.13	0.37	0.02	90.10	6.5	56	6.94
E846308		0.93	0.231		0.09	4.33	2.2	240	1.04	1.53	1.44	0.06	29.60	12.4	27	2.36
E846309		0.87	<0.005		0.02	9.86	1.2	900	3.43	0.05	0.15	<0.02	114.00	9.4	60	8.60
E846310		0.66	<0.005		0.04	6.78	3.0	50	0.67	0.16	0.19	0.03	11.80	10.6	23	0.85
E846311		0.68	<0.005		0.01	7.43	1.2	120	1.19	0.12	1.09	0.02	92.40	6.9	49	1.65
E846312		0.72	<0.005		0.02	5.26	1.8	30	0.42	0.10	0.46	0.03	19.50	5.0	25	0.54
E846313		0.78	<0.005		0.26	8.33	2.4	170	2.87	0.02	2.35	0.25	18.95	8.7	30	2.82
E846314		0.83	<0.005		0.22	7.90	4.2	190	3.14	0.15	3.25	0.02	37.00	5.7	24	4.02
E846315		0.81	<0.005		0.02	8.98	3.0	530	4.25	0.16	2.32	0.02	89.70	11.4	47	18.60
E847201		0.68	<0.005		2.53	0.23	39	30	0.15	2.54	17.90	0.35	7.97	1.5	<1	0.21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844883		9.1	4.55	26.10	0.22	2.6	0.072	4.88	45.8	11.2	0.45	125	1.42	0.23	3.9	29.4
E844884		6.1	4.46	30.80	0.32	2.7	0.075	4.83	64.1	12.9	0.48	89	1.07	0.23	5.5	30.4
E844885		1.0	0.01	0.20	0.07	0.7	<0.005	0.01	1.5	1.8	<0.01	<5	<0.05	<0.01	0.1	0.5
E846401		6.2	3.28	21.00	0.17	1.8	0.074	2.50	17.4	44.0	1.35	741	2.56	0.72	2.2	34.5
E846402		4.9	0.89	24.10	0.19	2.1	0.052	3.47	36.2	10.6	0.30	50	0.70	1.08	3.4	9.2
E846403		4.1	0.92	24.10	0.17	2.2	0.055	3.71	38.8	8.7	0.25	65	0.72	0.68	4.2	11.0
E846404		12.6	1.38	25.00	0.16	2.5	0.070	4.18	29.8	10.4	0.49	690	2.44	0.12	5.0	12.7
E846405		9.2	5.69	16.70	0.45	1.5	0.108	1.79	130.0	30.0	1.71	4260	3.39	1.90	3.3	33.0
E846406		5.1	1.29	28.70	0.16	2.7	0.074	4.99	25.9	10.4	0.32	93	0.77	0.24	6.1	13.4
E846407		5.8	4.29	21.20	0.43	2.0	0.103	2.01	121.5	25.9	1.59	4350	6.53	3.07	4.4	26.5
E846408		485.0	2.30	21.00	0.26	3.0	0.110	3.68	44.6	19.9	1.96	3070	8.12	0.13	8.2	12.5
E846409		>10000	10.20	6.23	0.29	0.8	1.015	1.07	25.8	6.7	5.11	9590	43.30	0.06	1.6	42.4
E846410		1425.0	4.01	20.40	0.28	3.0	0.120	3.48	49.1	31.9	2.11	3890	19.90	0.13	5.9	24.9
E846411		90.3	2.78	17.35	0.27	2.6	0.095	2.96	42.8	17.7	2.71	4410	5.96	0.31	7.0	10.5
E846412		111.0	3.31	12.40	0.21	2.3	0.069	1.98	33.5	9.6	3.33	7210	2.78	0.70	4.0	7.8
E846413		90.8	3.15	14.75	0.23	2.0	0.075	2.60	40.3	10.5	2.89	6300	19.10	0.08	4.1	10.7
E846414		36.3	2.99	16.85	0.23	2.5	0.072	2.54	49.4	14.5	2.91	5960	12.90	0.87	5.9	9.5
E846415		8.8	3.36	16.95	0.20	3.1	0.032	0.52	52.1	9.5	2.86	5270	30.70	3.54	8.7	10.0
E846416		10.4	7.55	1.51	0.17	0.7	0.065	0.04	28.3	2.5	7.51	11550	27.30	0.19	2.5	10.8
E846417		10.4	6.82	4.94	0.56	2.2	0.071	0.09	311.0	5.0	7.41	11050	26.10	0.19	10.1	12.3
E846418		10.7	1.59	25.90	0.17	5.0	0.029	0.80	36.9	8.6	0.25	370	39.30	6.43	17.2	10.4
E846419		6.7	4.78	11.75	0.29	3.2	0.041	0.10	149.0	3.7	3.60	7190	36.60	3.14	14.7	9.6
E846420		6.2	3.77	15.15	0.13	2.2	0.039	0.10	27.6	3.0	3.03	5770	22.20	4.70	10.6	9.7
E846421		6.9	9.28	14.05	0.64	0.5	0.059	0.05	421.0	4.6	4.90	11050	115.00	1.85	7.8	26.7
E846298		7.5	3.55	21.30	0.33	2.5	0.087	1.40	92.2	61.9	1.77	3280	5.58	3.55	4.1	27.9
E846299		7.1	0.81	29.60	0.25	3.1	0.041	3.58	63.3	18.5	0.39	121	1.97	2.45	7.5	9.0
E846300		5.0	0.71	29.30	0.26	3.0	0.044	1.99	66.6	13.4	0.40	462	2.90	5.12	7.2	7.0
E839789		6.5	2.25	17.05	0.23	2.2	0.052	0.39	38.1	9.1	2.40	4750	35.30	5.08	7.0	10.6
E839962		43.9	4.49	2.88	0.11	0.9	0.176	0.66	3.8	7.5	7.40	7730	11.15	0.04	2.0	6.3
E839963		6.9	3.78	2.42	0.10	0.8	0.102	0.50	3.4	3.0	9.13	6160	3.53	0.03	1.1	1.5
E846307		3.7	3.47	29.30	0.26	1.8	0.050	3.87	42.4	22.2	0.96	244	0.48	0.29	4.1	34.3
E846308		131.5	2.47	11.15	0.16	0.7	0.021	1.13	14.4	45.5	1.28	787	1.90	0.12	2.9	21.0
E846309		8.1	3.88	27.80	0.30	2.1	0.047	3.53	56.4	25.0	0.95	184	0.37	0.34	5.0	42.4
E846310		>10000	3.16	13.05	0.13	0.5	0.035	0.14	5.6	45.1	1.06	545	1.10	3.74	3.9	19.7
E846311		534.0	5.01	16.45	0.25	1.1	0.016	0.69	47.5	29.9	0.86	691	0.43	3.53	3.2	12.5
E846312		84.8	4.27	8.65	0.15	0.5	0.005	0.12	12.3	24.7	0.61	520	0.20	3.00	2.8	8.1
E846313		9.7	2.21	18.55	0.17	1.1	0.030	1.09	9.2	41.5	1.09	1410	0.54	4.03	9.7	19.4
E846314		114.0	1.47	17.10	0.19	1.5	0.038	1.11	16.5	29.4	0.68	1490	0.17	4.32	19.1	12.3
E846315		4.4	3.68	26.60	0.29	2.6	0.114	3.10	46.0	58.9	1.33	1805	0.51	1.02	12.9	41.5
E847201		40.7	6.04	2.77	0.14	0.1	0.037	0.11	4.2	2.6	10.65	1420	0.40	0.03	0.3	5.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844883		520	2.3	353.0	<0.002	0.01	0.54	14.0	1	3.3	22.1	0.24	0.06	18.4	0.165	1.44
E844884		570	2.3	373.0	<0.002	0.01	0.62	16.9	2	3.8	29.2	0.30	0.05	20.8	0.236	1.80
E844885		10	0.8	0.9	<0.002	0.01	<0.05	0.2	1	<0.2	1.8	<0.05	<0.05	0.5	0.005	<0.02
E846401		420	2.1	137.0	<0.002	0.22	0.93	11.2	1	2.4	10.1	0.14	0.06	14.1	0.112	0.27
E846402		440	1.5	174.5	0.002	0.03	1.48	11.0	1	2.7	13.3	0.24	<0.05	15.9	0.152	0.32
E846403		270	1.5	181.5	<0.002	0.03	1.10	10.5	1	2.6	9.9	0.30	0.05	15.1	0.170	0.33
E846404		370	1.3	204.0	<0.002	0.12	0.96	9.3	1	2.8	8.3	0.33	0.05	14.8	0.193	0.32
E846405		640	1.8	90.2	<0.002	0.48	1.06	9.6	2	2.2	18.9	0.25	0.09	13.4	0.156	0.20
E846406		210	1.1	249.0	<0.002	0.03	1.10	11.8	1	3.8	8.7	0.40	0.05	15.3	0.242	0.38
E846407		650	2.0	97.9	<0.002	0.32	1.38	11.2	2	2.6	30.3	0.31	0.10	14.2	0.160	0.23
E846408		550	1.9	166.5	<0.002	0.28	0.69	11.0	2	4.2	28.6	0.54	0.05	12.0	0.224	0.86
E846409		160	6.5	47.7	0.006	2.53	1.76	4.0	3	2.8	47.7	0.10	0.62	3.5	0.047	0.27
E846410		470	2.3	157.0	0.002	0.76	0.96	9.6	2	4.7	18.4	0.36	0.10	12.6	0.174	0.79
E846411		450	1.8	130.0	0.002	0.29	0.63	9.0	1	3.4	50.0	0.45	<0.05	10.7	0.183	0.65
E846412		420	1.0	91.8	<0.002	0.10	0.35	7.7	1	1.8	31.5	0.25	<0.05	8.5	0.130	0.44
E846413		480	1.2	109.0	<0.002	0.28	0.54	7.9	1	3.1	25.6	0.23	0.09	8.9	0.137	0.55
E846414		570	1.5	109.5	<0.002	0.11	0.52	11.7	2	4.5	32.3	0.34	0.06	10.5	0.163	0.54
E846415		660	2.1	26.7	<0.002	0.12	0.74	13.1	1	4.0	47.4	0.46	0.12	10.4	0.156	0.17
E846416		260	3.3	2.2	0.002	0.02	0.41	18.4	2	0.9	84.4	0.08	0.07	2.6	0.029	0.11
E846417		1680	4.3	4.6	<0.002	0.03	1.03	25.0	3	3.3	74.3	0.33	0.06	21.8	0.107	0.13
E846418		540	3.5	44.4	0.018	0.78	1.80	15.3	2	18.1	31.7	0.90	0.41	12.8	0.351	0.31
E846419		1590	4.0	4.6	0.003	0.24	1.50	10.2	2	6.6	52.5	0.58	0.20	22.1	0.165	0.10
E846420		980	3.2	4.3	<0.002	0.45	1.06	8.1	2	6.4	45.6	0.54	0.22	10.3	0.143	0.08
E846421		2440	3.1	2.1	0.014	1.16	0.57	11.4	4	2.3	74.4	0.15	0.90	8.7	0.034	0.06
E846298		630	1.3	84.6	<0.002	0.16	1.49	12.0	1	2.0	27.2	0.31	0.06	17.8	0.127	0.25
E846299		480	1.1	173.5	<0.002	0.02	1.38	14.6	1	4.2	15.1	0.52	<0.05	19.2	0.248	0.31
E846300		290	1.1	104.0	<0.002	0.01	1.39	16.3	1	3.1	28.3	0.53	<0.05	20.4	0.196	0.19
E839789		970	2.1	20.7	<0.002	0.01	1.12	7.1	2	2.1	32.6	0.49	0.05	14.5	0.149	0.10
E839962		1510	24.6	34.2	0.088	0.26	2.68	1.5	2	0.4	53.0	0.11	0.06	2.4	0.033	3.72
E839963		180	28.5	21.4	0.041	0.35	0.87	1.2	2	0.2	55.8	0.06	0.08	1.9	0.022	0.48
E846307		710	8.2	236.0	<0.002	0.01	0.55	17.2	1	3.2	63.4	0.30	<0.05	18.3	0.203	0.97
E846308		370	10.9	74.8	<0.002	0.01	0.94	6.2	2	1.3	28.5	0.23	0.54	12.5	0.099	0.30
E846309		520	8.4	223.0	<0.002	<0.01	0.53	15.7	2	3.2	75.3	0.44	<0.05	19.6	0.222	0.91
E846310		480	3.2	10.5	<0.002	<0.01	0.53	6.2	1	1.1	27.6	0.34	0.06	9.7	0.095	0.07
E846311		870	6.0	44.1	<0.002	<0.01	0.76	12.4	1	2.0	37.5	0.29	0.16	13.9	0.211	0.16
E846312		450	4.0	8.9	<0.002	<0.01	0.55	4.3	1	1.0	24.0	0.21	0.16	7.8	0.137	0.05
E846313		550	4.5	89.5	<0.002	0.09	0.88	6.1	1	1.8	75.9	0.70	<0.05	7.1	0.238	0.28
E846314		510	13.1	85.9	<0.002	<0.01	2.38	5.4	2	2.2	77.6	1.25	<0.05	21.1	0.273	0.33
E846315		650	3.8	236.0	<0.002	<0.01	2.21	14.3	2	3.2	43.0	0.97	0.06	19.0	0.273	0.96
E847201		30	54.0	4.2	<0.002	6.66	8.33	0.4	2	<0.2	27.2	<0.05	0.05	0.3	0.005	0.07

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Zn-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Zn	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01	0.01
E844883		2.9	82	1.9	10.1	6	81.4			
E844884		3.4	87	2.5	11.0	6	90.0			
E844885		0.2	<1	<0.1	1.7	2	23.5			
E846401		2.5	65	1.7	8.7	31	56.5			
E846402		1.6	70	1.7	9.6	5	66.7			
E846403		1.9	62	1.5	9.6	6	71.9			
E846404		3.0	66	1.8	11.8	6	82.8			
E846405		5.1	63	2.7	13.5	14	52.1			
E846406		2.2	87	2.0	10.5	5	89.9			
E846407		4.1	68	3.4	13.6	12	70.1			
E846408		4.2	65	4.2	18.2	6	105.5			
E846409		11.0	33	1.2	9.2	8	29.7	1.325		
E846410		7.5	54	3.6	17.0	18	98.1			
E846411		3.9	55	2.9	15.8	7	92.9			
E846412		2.3	48	2.1	15.3	4	71.2			
E846413		4.5	49	2.6	14.7	4	70.2			
E846414		4.5	57	4.0	16.4	4	81.7			
E846415		4.7	69	12.2	15.2	8	95.1			
E846416		5.8	18	5.2	10.8	12	23.2			
E846417		20.4	57	21.2	30.2	15	73.1			
E846418		13.4	218	40.8	12.3	4	167.5			
E846419		8.5	51	32.0	23.1	11	110.5			
E846420		5.0	61	28.6	13.4	9	80.3			
E846421		3.1	466	10.2	23.7	15	17.5			
E846298		3.7	72	3.3	14.0	22	89.4			
E846299		2.5	94	3.6	11.7	3	108.5			
E846300		2.0	99	3.3	12.1	4	100.5			
E839789		25.5	45	8.2	16.4	9	75.4			
E839962		184.5	9	2.5	5.7	375	39.1			
E839963		240.0	5	0.8	4.7	710	30.1			
E846307		8.2	93	0.9	6.9	14	66.2			
E846308		169.0	49	0.7	10.0	36	23.0			
E846309		3.4	87	0.9	8.7	12	74.2			
E846310		8.7	44	0.7	6.3	18	15.5	1.355		
E846311		57.0	115	1.3	9.2	14	32.7			
E846312		19.5	57	0.8	5.7	19	17.2			
E846313		5.1	35	4.3	10.8	215	37.5			
E846314		152.0	35	7.4	25.6	25	54.0			
E846315		3.8	77	2.6	35.6	61	92.1			
E847201		0.5	3	0.1	5.6	203	2.2			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E847202		0.81	<0.005		0.13	4.41	7	290	1.88	0.15	10.20	0.02	47.70	11.8	21	3.58
E847203		0.82	<0.005		0.35	0.21	9	30	0.15	0.03	19.70	0.05	12.40	2.1	<1	0.22
E847204		0.97	<0.005		1.67	0.09	71.3	20	0.19	0.48	5.94	1.42	2.63	16.4	2	0.18
E847205		1.22	<0.005		4.13	0.11	33.6	10	0.09	0.07	0.45	16.20	0.84	4.6	9	0.12
E847206		1.05	<0.005		3.27	0.48	44	60	0.17	0.04	10.60	98.20	9.14	3.9	2	0.19
E847207		0.86	<0.005		26.60	0.42	245.0	60	0.07	0.04	0.05	2.69	4.16	0.4	1	0.16
E847208		1.06	0.008		14.35	0.08	225.0	20	0.06	0.07	4.31	59.20	3.45	2.8	<1	0.14
E847209		0.90	<0.005		7.40	0.19	269.0	40	0.07	0.09	2.35	5.54	3.20	3.1	2	0.10
E847210		0.96	<0.005		1.97	0.23	62	20	0.14	0.01	12.80	45.20	11.45	2.2	1	0.12
E847211		1.48	<0.005		2.09	5.79	6.3	560	1.02	0.37	7.05	0.07	58.30	4.9	26	1.52
E847212		1.18	0.813		46.40	6.11	26.9	880	1.11	25.50	5.69	<0.02	161.00	9.6	31	1.25
E847213		1.27	>10.0	17.30	8.92	6.51	34.6	440	1.81	6.60	5.70	0.05	356.00	19.9	30	1.29
E847214		0.62	0.053		0.65	6.79	4.3	360	2.09	0.60	4.03	0.04	129.00	4.4	34	2.77
E847215		0.97	0.005		0.30	2.40	8	220	0.74	1.49	13.20	0.05	39.80	17.3	9	0.66
E847216		0.98	0.451		2.03	7.24	11.9	1450	2.12	1.80	5.45	0.04	97.40	31.1	40	2.24
E847217		1.17	0.024		1.77	6.17	6.9	1110	0.17	0.22	4.47	0.20	67.50	22.2	31	0.70
E847218		0.67	0.081		3.20	7.55	119.0	510	1.77	10.90	0.87	0.03	108.00	78.8	48	2.21
E847219		0.65	<0.005		0.72	4.46	64.6	610	0.87	2.97	6.09	0.06	60.30	15.0	22	1.23
E847220		0.79	<0.005		0.08	6.13	3.6	9950	1.65	0.08	4.41	0.02	101.00	5.5	37	2.11
E847221		1.50	0.149		3.32	5.95	5.3	470	1.36	0.39	4.92	0.02	72.30	166.5	29	1.24
E847222		1.32	<0.005		0.18	0.03	7	130	0.10	0.22	20.90	0.11	13.80	1.1	1	0.19
E847135		0.86	0.423		22.50	5.25	277.0	330	1.38	7.23	0.04	0.05	74.20	10.9	43	4.47
E847136		0.85	0.152		0.29	3.32	13.6	270	0.73	1.46	0.07	0.05	166.50	16.4	21	0.57
E847137		0.99	0.010		0.04	0.12	1.2	40	0.06	0.07	3.98	0.03	1.91	5.0	5	0.49
E847138		0.64	0.010		0.10	7.83	9.2	40	1.10	0.31	1.93	<0.02	56.40	70.9	21	0.31
E847139		0.85	0.171		0.14	1.29	53.8	30	0.19	5.99	8.01	0.02	17.50	711.0	2	0.46
E847140		0.86	0.006		0.12	3.26	2.1	140	0.74	2.30	0.40	0.05	26.10	15.5	23	1.64
E847141		1.10	<0.005		0.02	6.96	2.0	60	0.56	0.05	1.08	0.02	40.30	7.1	32	0.50
E847142		0.70	<0.005		0.29	6.62	7.9	200	2.82	0.30	2.83	0.03	37.80	4.0	16	2.26
E847143		1.14	<0.005		0.07	6.44	6.2	720	15.20	0.10	0.71	0.12	>500	11.3	11	1.82
E847144		1.03	0.006		12.00	0.16	99	10	0.13	0.17	10.65	6.26	6.74	8.7	<1	0.28
E847145		0.78	<0.005		0.80	6.14	85.9	630	2.29	1.06	0.16	0.09	81.80	7.0	51	9.85
E847146		1.32	<0.005		3.40	1.35	109.5	80	0.43	0.10	8.75	0.07	14.25	3.4	7	0.69
E847147		1.11	<0.005		11.30	0.51	27.6	50	0.26	0.09	6.46	50.40	9.52	1.6	12	0.30
E847148		1.54	<0.005		0.60	0.12	25	10	<0.05	2.38	17.65	0.15	6.48	2.6	2	0.21
E847149		1.03	<0.005		0.35	0.37	5	20	0.21	0.25	10.90	0.11	4.31	0.7	4	0.79
E847150		1.59	<0.005		6.82	0.53	293.0	30	0.28	0.29	7.25	0.24	15.80	13.8	2	0.50

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07086403

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E847202	7.0	1.38	10.70	0.14	1.6	0.040	2.77	25.8	48.0	6.43	819	0.15	0.03	6.2	13.3
E847203	9.2	2.29	0.58	0.10	0.1	0.015	0.17	7.8	3.4	11.85	1865	0.64	0.03	0.3	2.8
E847204	15.5	5.82	0.65	0.12	<0.1	0.049	0.04	1.2	2.3	3.01	601	0.86	0.01	0.1	34.2
E847205	66.2	1.33	2.03	0.07	<0.1	0.036	0.05	<0.5	1.7	0.23	64	6.94	0.01	0.4	3.2
E847206	19.2	4.04	4.55	0.52	0.2	0.109	0.50	4.2	3.5	6.14	1095	2.80	0.02	0.6	14.5
E847207	59.2	22.40	4.42	0.25	0.1	0.071	0.39	2.1	3.1	0.04	31	7.02	0.01	0.3	3.9
E847208	55.9	19.30	1.99	0.72	0.1	0.040	0.07	1.7	1.6	2.44	408	6.19	0.01	0.3	23.3
E847209	36.3	17.00	1.10	0.24	0.1	0.045	0.19	1.5	1.9	1.29	187	2.24	0.01	0.3	24.0
E847210	11.9	6.36	0.99	0.15	0.1	0.077	0.22	5.6	1.7	6.31	1680	1.65	0.01	0.3	9.3
E847211	2240.0	2.04	15.95	0.17	1.6	0.241	4.48	35.8	30.9	4.14	933	14.00	0.04	7.4	9.4
E847212	433.0	1.75	11.40	1.01	2.2	0.159	5.59	94.5	26.3	3.25	712	3050.00	0.04	8.6	15.5
E847213	438.0	3.78	15.85	0.53	1.9	0.235	4.64	205.0	39.6	2.72	1400	49.90	0.04	6.2	23.5
E847214	8.8	2.32	18.05	0.28	2.2	0.170	4.00	71.2	47.7	2.51	691	6.17	0.03	9.9	18.2
E847215	9.7	4.39	6.17	0.13	0.9	0.180	1.25	21.0	9.7	6.87	2820	10.10	0.02	1.1	12.7
E847216	29.0	3.43	19.25	0.26	2.1	0.189	4.07	56.9	44.1	2.56	3350	11.70	0.03	9.4	30.5
E847217	3630.0	4.79	8.49	0.19	2.0	0.077	5.68	31.6	3.2	1.82	2040	3.59	0.07	2.7	7.1
E847218	1915.0	3.00	21.60	0.16	3.2	0.134	4.44	51.3	16.6	0.76	655	8.03	0.03	3.7	36.6
E847219	74.7	5.29	11.50	0.14	1.7	0.180	3.18	27.4	19.6	3.67	1320	3.47	0.03	2.4	38.3
E847220	5.2	6.52	17.05	0.19	1.8	0.252	3.96	53.1	38.1	2.57	844	9.47	0.02	4.7	22.6
E847221	5420.0	4.04	14.25	0.44	2.2	0.239	3.81	29.3	29.5	2.83	1010	29.60	0.03	3.7	23.7
E847222	371.0	0.98	0.29	0.05	<0.1	0.088	0.04	5.8	2.2	13.25	911	0.35	0.02	0.1	0.7
E847135	1590.0	15.00	13.80	0.26	1.7	0.746	2.52	33.1	4.3	0.34	810	0.62	0.02	1.6	13.9
E847136	1010.0	3.72	7.19	0.18	1.1	0.089	0.28	91.8	2.9	0.06	1770	4.13	2.10	1.6	15.4
E847137	12.2	1.88	0.69	0.05	<0.1	0.024	0.01	0.8	2.1	1.50	1170	0.43	0.11	0.2	1.9
E847138	5.8	10.40	21.50	0.19	1.3	0.016	0.06	24.5	8.9	0.96	1400	1.00	5.08	10.5	14.1
E847139	5.4	10.10	4.47	0.19	0.1	0.023	0.04	8.0	2.2	3.61	2150	3.72	0.82	1.0	48.2
E847140	59.1	3.13	8.59	0.09	0.6	0.012	0.60	12.9	49.5	1.50	722	1.63	0.08	2.5	24.1
E847141	>10000	4.59	12.70	0.10	0.5	0.013	0.08	18.4	23.4	0.84	969	0.39	4.59	2.8	9.8
E847142	136.5	0.73	12.80	0.11	1.5	0.044	0.82	9.0	13.6	0.32	1230	0.41	4.29	31.2	4.3
E847143	10.6	12.75	17.75	0.41	4.3	0.104	5.82	980.0	18.0	1.89	484	0.65	0.11	7.8	77.9
E847144	126.0	18.85	2.27	0.22	0.1	0.032	0.07	4.4	7.5	6.65	661	2.13	0.01	0.4	78.6
E847145	57.5	4.17	17.20	0.15	3.0	0.131	4.62	41.3	28.1	0.81	73	5.54	0.04	5.9	117.0
E847146	28.2	11.45	3.26	0.19	0.5	0.014	0.91	7.5	14.7	5.29	843	1.34	0.01	1.5	20.7
E847147	18.2	1.59	2.50	0.12	0.2	0.083	0.45	4.5	5.5	3.94	349	0.41	0.01	0.6	5.5
E847148	9.1	3.57	0.57	0.07	0.1	0.120	0.01	4.1	2.7	13.85	1840	0.29	0.02	0.2	9.0
E847149	38.1	2.20	0.87	0.05	0.1	0.665	0.20	1.6	4.8	6.02	1960	0.24	0.04	0.1	11.7
E847150	49.2	25.20	1.54	0.31	0.3	0.020	0.35	10.3	9.4	3.57	1110	6.81	0.01	1.1	93.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E847202		450	7.0	99.3	<0.002	0.09	2.24	7.0	1	1.4	30.7	0.44	<0.05	8.3	0.152	0.48
E847203		20	13.2	3.8	<0.002	1.08	0.82	0.5	2	<0.2	25.6	<0.05	0.05	0.4	0.006	0.06
E847204		20	44.7	1.9	<0.002	5.62	9.54	0.3	1	<0.2	11.9	<0.05	<0.05	0.2	<0.005	0.09
E847205		10	3470.0	1.8	<0.002	1.41	5.33	0.1	3	0.3	1.5	<0.05	0.06	0.2	<0.005	0.70
E847206		50	372.0	8.0	0.003	7.09	7.83	0.8	8	0.3	12.9	<0.05	<0.05	0.7	0.011	0.52
E847207		40	574.0	6.4	<0.002	1.14	61.70	0.6	3	1.2	1.2	<0.05	<0.05	0.7	0.007	2.66
E847208		10	544.0	1.0	0.003	>10.0	40.00	0.1	6	0.6	5.4	<0.05	<0.05	0.2	<0.005	6.72
E847209		20	502.0	2.8	<0.002	>10.0	21.60	0.3	2	0.2	3.7	<0.05	<0.05	0.4	<0.005	0.48
E847210		20	107.0	3.5	<0.002	7.41	7.33	0.5	4	0.2	15.0	<0.05	<0.05	0.3	0.005	0.67
E847211		590	10.1	164.5	<0.002	0.20	2.87	8.8	3	2.8	16.7	0.56	0.05	12.5	0.177	0.35
E847212		670	478.0	161.0	0.571	0.42	61.00	10.9	64	5.6	14.8	0.74	2.94	21.5	0.218	3.55
E847213		760	306.0	171.5	0.003	0.03	15.30	11.1	7	2.2	18.3	0.48	2.28	20.4	0.148	0.46
E847214		830	15.6	223.0	<0.002	0.01	6.60	10.3	2	2.8	12.6	0.76	0.19	16.3	0.234	0.39
E847215		410	16.8	76.3	<0.002	1.74	1.65	4.6	2	1.0	34.1	0.08	0.07	6.8	0.046	0.25
E847216		670	42.6	252.0	<0.002	0.11	10.00	12.9	5	3.2	23.2	0.69	0.87	17.2	0.232	0.43
E847217		710	21.6	115.0	<0.002	0.37	2.67	18.3	6	1.2	23.3	0.27	0.09	12.5	0.091	0.60
E847218		670	215.0	242.0	0.004	0.95	5.00	11.1	6	2.5	10.6	0.30	0.19	15.3	0.148	60.00
E847219		520	32.5	159.0	<0.002	1.96	4.66	5.8	1	1.7	19.2	0.21	<0.05	8.6	0.095	0.83
E847220		580	3.4	206.0	<0.002	0.28	4.86	11.1	1	4.0	92.6	0.41	0.06	12.2	0.169	0.50
E847221		660	162.0	197.0	0.004	1.85	2.76	10.5	97	4.4	259.0	0.24	6.13	10.3	0.110	0.48
E847222		10	21.0	1.6	<0.002	0.05	1.20	0.1	2	0.2	26.6	<0.05	<0.05	<0.2	<0.005	0.05
E847135		250	47.3	143.5	<0.002	0.13	42.00	6.3	1	9.8	202.0	0.09	0.05	10.0	0.106	0.45
E847136		150	7.9	14.3	<0.002	0.08	4.42	4.7	2	0.5	20.4	0.11	0.72	8.6	0.038	0.10
E847137		10	3.6	1.1	<0.002	0.07	0.59	18.0	1	0.2	14.9	<0.05	<0.05	<0.2	0.009	0.04
E847138		2440	3.1	2.8	<0.002	0.37	1.75	26.2	2	1.3	31.8	0.74	0.14	3.4	0.874	0.02
E847139		220	3.4	2.3	<0.002	7.32	0.61	22.1	3	0.4	32.0	0.05	3.31	0.7	0.065	0.02
E847140		250	11.1	34.4	<0.002	0.01	0.91	5.3	2	0.9	20.1	0.20	0.89	10.1	0.080	0.19
E847141		830	4.2	6.4	<0.002	0.01	0.64	8.8	1	1.6	27.2	0.28	0.06	9.7	0.155	0.04
E847142		140	22.1	68.3	<0.002	0.01	3.46	4.0	5	2.3	81.3	2.19	<0.05	84.9	0.305	0.23
E847143		1830	90.7	124.0	0.004	<0.01	1.26	15.6	7	2.0	57.0	0.69	0.05	16.0	0.376	0.55
E847144		20	2210.0	3.4	<0.002	>10.0	29.50	0.6	1	0.2	15.0	<0.05	<0.05	0.4	0.006	4.08
E847145		1190	57.8	142.0	0.010	0.32	14.95	12.1	2	2.2	27.5	0.50	0.08	15.5	0.189	1.03
E847146		100	235.0	24.5	<0.002	>10.0	11.55	1.5	1	0.5	16.3	0.12	<0.05	2.0	0.041	0.23
E847147		100	5860.0	7.8	<0.002	3.16	12.15	0.5	6	0.8	9.9	0.05	<0.05	0.9	0.017	0.21
E847148		30	40.9	0.5	<0.002	3.09	1.89	0.3	1	<0.2	76.3	<0.05	<0.05	0.3	<0.005	0.21
E847149		240	22.6	7.8	<0.002	0.04	2.60	16.5	2	<0.2	30.7	<0.05	<0.05	0.5	<0.005	0.06
E847150		70	404.0	12.6	0.003	>10.0	29.00	1.4	2	0.3	18.0	0.06	0.06	1.2	0.019	0.60

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 4-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07086403

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Zn-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Zn	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01	0.01
E847202		1.9	34	0.6	15.6	16	56.3			
E847203		1.6	8	0.1	10.3	71	3.1			
E847204		0.1	4	0.1	2.0	1010	1.1			
E847205		13.8	5	0.1	0.6	>10000	4.4		1.66	
E847206		6.6	7	0.1	6.2	>10000	8.2		7.47	
E847207		0.9	6	0.1	1.7	8200	5.5			
E847208		1.5	8	<0.1	1.7	>10000	2.0		4.65	
E847209		0.6	5	<0.1	2.5	4610	4.9			
E847210		0.9	4	<0.1	7.6	>10000	3.1		2.49	
E847211		15.7	53	8.6	17.1	55	54.7			
E847212		1780.0	60	29.2	192.5	33	67.2			0.19
E847213		1020.0	66	19.6	63.4	25	66.2			0.11
E847214		126.0	59	9.5	20.4	25	76.8			
E847215		5.5	24	1.2	15.8	24	33.6			
E847216		490.0	70	9.1	34.4	19	73.9			
E847217		3.6	112	4.8	9.7	40	54.5			
E847218		61.4	102	1.7	14.2	13	87.2			
E847219		2.6	40	1.0	12.0	11	44.6			
E847220		3.5	68	8.8	12.2	5	48.7			
E847221		67.9	69	7.9	15.5	4	57.0			
E847222		0.3	1	0.1	9.0	24	0.8			
E847135		2.2	41	2.4	5.4	49	45.0			
E847136		2.7	12	2.4	9.7	23	30.4			
E847137		0.5	4	0.3	4.3	14	0.8			
E847138		0.7	277	2.5	11.8	11	45.3			
E847139		0.3	59	1.0	5.5	6	3.6			
E847140		211.0	48	0.7	9.6	26	15.6			
E847141		48.6	76	1.0	8.4	13	13.8	2.26		
E847142		640.0	17	11.1	82.5	10	44.6			
E847143		383.0	174	2.4	359.0	438	138.5			
E847144		2.0	5	0.2	5.1	2880	2.9			
E847145		9.6	67	0.9	24.7	45	81.3			
E847146		2.8	14	0.3	7.3	31	15.4			
E847147		1.5	7	0.1	4.2	>10000	6.8		3.56	
E847148		0.8	5	0.1	8.6	82	2.9			
E847149		0.2	4	0.1	13.3	47	1.3			
E847150		3.3	13	0.2	8.2	142	8.4			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 30-SEP-2007
Account: EIAFRG

CERTIFICATE TR07088981

Project: Werneckes - E

P.O. No.: FRG07-01

This report is for 105 Drill Core samples submitted to our lab in Terrace, BC, Canada on 14-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E844938		2.31	<0.005		0.05	8.97	1.7	670	3.33	0.05	0.12	<0.02	41.3	29.8	66	18.6
E844939		2.14	<0.005		0.05	9.35	1.5	650	3.48	0.03	0.13	0.02	20	22.4	54	14.6
E844940		5.08	0.005		0.02	8.78	4.3	750	2.99	0.12	0.17	<0.02	17.75	13.5	53	16.3
E844941		5.97	0.011		0.06	7.49	11.9	570	3.1	0.9	0.09	<0.02	111	41.7	48	15.1
E844942		8.31	0.006		0.03	9.21	12.5	680	3.32	0.45	0.07	<0.02	59.5	32.1	62	18.3
E844943		5.89	0.005		0.02	9.03	12.9	690	3.52	0.27	0.14	<0.02	52.1	58.1	57	17.25
E844944		3.03	0.007		0.02	9.1	15.4	740	3.77	0.32	0.12	<0.02	34.5	39.3	53	19.1
E844945		0.05	0.957		36.1	4.41	1065	500	0.55	31.9	6.71	0.66	23.8	40.5	257	1.28
E844946		2.99	0.005		0.04	8.9	8.4	640	2.91	0.19	0.09	<0.02	46.7	16	54	18.4
E844947		2.79	0.005		0.02	8.68	9.2	540	2.85	0.26	0.07	<0.02	61.4	18.3	48	16.85
E844948		2.91	0.005		0.02	8.99	6.7	670	3.05	0.14	0.06	<0.02	83	24.3	56	21
E844949		2.93	<0.005		0.02	9.02	1.3	600	2.84	0.03	0.08	<0.02	100	7	46	17.3
E844950		2.77	0.005		0.04	9.25	5.3	730	3.3	0.16	0.05	<0.02	126.5	13.2	58	22.4
E844951		2.58	<0.005		0.02	9.53	1.2	780	3.32	0.01	0.1	<0.02	93.2	12.3	58	23
E844952		3.22	<0.005		0.03	9.34	1.3	720	3.1	0.02	0.1	<0.02	101.5	14.6	55	21.7
E844953		2.99	<0.005		0.05	7.56	0.9	490	2.17	0.15	0.1	<0.02	102.5	4.3	37	11.35
E844954		2.54	<0.005		0.03	8.8	1.2	700	2.91	0.02	0.1	<0.02	203	3.7	51	14.7
E844955		2.85	<0.005		0.03	8.96	1.3	660	3.27	0.03	0.08	<0.02	201	7.8	52	20
E844956		2.78	0.005		0.03	8.33	1.2	650	2.99	0.02	0.05	<0.02	199	8.9	55	19.35
E844957		3.21	<0.005		0.01	8.95	0.7	730	3.16	0.01	0.07	<0.02	126.5	3.2	53	21.6
E844958		3.41	<0.005		0.02	8.61	0.5	730	2.91	0.02	0.08	<0.02	159.5	7	52	22.4
E844959		4.85	<0.005		0.02	9.09	0.5	740	3.36	0.03	0.11	<0.02	97.4	4.5	56	25.4
E844960		1.66	0.005		0.03	10.05	0.7	1130	4.4	0.03	0.11	<0.02	121.5	3.4	58	14.4
E844961		4.16	0.007		0.03	10.3	1.2	1210	4.45	0.08	0.15	<0.02	128	5.3	58	13.5
E844962		3.27	0.005		0.03	9.62	1.3	1180	4.11	0.07	0.2	<0.02	110.5	7.3	52	11.65
E844963		4.07	<0.005		0.02	9.6	1.9	1000	3.46	0.07	0.09	<0.02	113	7.4	52	11.4
E844964		3.47	<0.005		0.02	9.05	1.2	850	3.77	0.04	0.12	<0.02	105	4.7	48	11.2
E844965		5.08	0.006		0.03	9.71	0.4	920	4.59	0.05	0.09	<0.02	133	3.3	55	11.7
E844966		2.50	<0.005		0.02	9.51	0.7	950	4.2	0.03	0.13	<0.02	116	3.7	51	10.4
E844967		5.22	0.008		0.03	9.77	0.7	1090	4.17	0.05	0.11	<0.02	86.4	8.5	53	10.45
E844968		0.06	0.011		0.41	7.17	5.7	360	10.4	0.58	2.03	0.3	55.3	20.8	77	1.02
E844969		5.83	<0.005		0.02	9.53	0.2	1160	3.72	0.02	0.1	<0.02	102	3.2	51	9.48
E844970		3.29	<0.005		0.03	9.24	0.7	1130	3.6	0.03	0.12	<0.02	115	4.1	51	8.41
E844971		0.05	<0.005		0.02	0.06	<0.2	10	<0.05	0.03	0.01	0.04	2.4	0.1	2	<0.05
E844972		3.02	<0.005		0.02	9.21	1	1140	3.68	0.07	0.21	0.02	49.9	4.7	47	7.01
E844973		4.26	<0.005		0.02	9.08	0.4	1060	3.97	0.07	0.33	<0.02	48.8	3.3	46	5.75
E844974		4.40	0.007		<0.01	8.17	0.3	880	3.14	0.26	0.2	<0.02	48.7	2.6	46	4.48
E844975		3.43	<0.005		<0.01	8.88	0.4	1090	3.62	0.03	0.1	<0.02	65.8	3.9	49	5.16
E844976		5.31	<0.005		<0.01	8.09	0.2	1050	3.9	0.07	0.13	<0.02	138	2	45	5.28
E844977		3.01	<0.005		<0.01	9.63	<0.2	1060	3.3	0.02	0.14	<0.02	107.5	5.4	50	4.73

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844938		23.5	2.63	25.3	0.12	2.1	0.035	3.41	22.7	29.3	0.84	288	0.7	0.59	4.1	57.2
E844939		32.4	1.83	21.2	0.07	2	0.028	2.84	9.4	23.3	0.56	237	0.61	1.73	4.7	36.1
E844940		22.7	2.07	22.9	0.07	1.9	0.022	3.22	8.2	23.2	0.68	215	1.73	0.85	4.5	36.4
E844941		53.9	2.56	21	0.18	2	0.024	2.75	56.1	27.5	0.6	195	3.73	0.36	4.4	36.3
E844942		25.4	2.48	27.8	0.13	2.1	0.026	3.56	27.9	26.7	0.7	175	2.27	0.72	5.1	40.5
E844943		28.3	2.03	25	0.12	2	0.02	3.09	25.3	17.8	0.51	185	1.56	1.1	5	38.1
E844944		19.5	1.81	25	0.1	2.2	0.024	3.43	16.8	14.8	0.44	88	2.01	0.87	4.8	27.9
E844945		4520	4.34	12.95	0.33	0.6	0.201	1.38	17.5	13	0.81	1780	737	0.6	1.8	19.2
E844946		19.1	2.07	24.2	0.11	2.1	0.021	3.2	22.3	19.9	0.61	142	1.45	0.85	5.4	34.8
E844947		40.5	2.39	22.4	0.12	2.1	0.024	2.8	30.2	30.1	0.71	182	1.91	1.15	5.1	42.7
E844948		19.7	2.61	27.5	0.16	2.2	0.026	3.44	39	26.8	0.75	215	0.78	0.27	5.3	44.3
E844949		10.5	1.72	23	0.17	2	0.023	2.95	48	17.8	0.49	153	0.6	1.38	5.2	26.9
E844950		18.8	2.24	27.5	0.18	2.4	0.033	3.74	60.9	22	0.65	198	1.61	0.26	5.6	36.4
E844951		10.7	1.62	28	0.15	2.6	0.034	3.78	43.6	16.1	0.49	138	0.37	0.43	6.8	28.2
E844952		15.7	1.65	27	0.17	2.9	0.028	3.63	47.1	18.1	0.52	159	0.53	0.67	7.2	29.9
E844953		10.3	0.55	17.45	0.15	1.6	0.017	2.03	51.9	7	0.18	57	0.28	2.12	5.8	6.3
E844954		12.3	0.95	23.6	0.23	2.3	0.025	2.7	99.2	13.8	0.31	92	0.3	1.95	6.4	12.5
E844955		18.4	1.41	25.7	0.26	2.4	0.027	3.14	98.6	19.5	0.54	136	0.39	1.03	7.2	28.5
E844956		16.8	1.78	24.4	0.24	2.3	0.028	3.03	95.6	21.5	0.67	162	0.32	0.62	5.7	37.3
E844957		6.3	0.94	25	0.17	2.4	0.028	3.25	60.6	8.8	0.3	48	0.19	1	6.8	14.7
E844958		7.2	1.82	25.6	0.22	2.3	0.033	3.45	79.3	18.9	0.6	119	0.27	0.3	5.2	37
E844959		4	1.51	26.8	0.16	2.5	0.034	3.8	46.7	13.9	0.46	72	0.85	0.29	6.5	26.6
E844960		91.7	4.75	28.5	0.21	2.6	0.113	4.68	57.5	17.7	0.55	96	0.69	0.19	3.2	32.4
E844961		6.4	4.7	29.8	0.24	3.2	0.111	4.9	60.2	10.4	0.41	81	0.72	0.19	4.4	29.4
E844962		11.1	4.11	27.9	0.22	3.5	0.115	4.65	52.4	11.7	0.41	180	0.59	0.17	4.5	25.1
E844963		6	5.08	29.1	0.21	3.3	0.134	4.68	52.6	15.1	0.46	78	0.36	0.15	4.6	25.1
E844964		5.4	4.07	26.7	0.21	3.4	0.127	4.17	50.3	13.7	0.47	85	0.56	0.16	5.1	27.9
E844965		3.1	4.28	29.2	0.23	3.7	0.117	4.67	63.8	12.8	0.4	42	0.42	0.19	6.1	30.9
E844966		2.7	4.24	27	0.21	3.2	0.112	4.42	55.2	12.4	0.42	48	0.27	0.19	5.5	30.9
E844967		8.3	4.34	30.2	0.2	3.5	0.123	4.55	41.7	14.7	0.53	46	0.6	0.2	5.6	34.6
E844968		63.8	4.97	18.65	0.18	3.9	0.35	0.93	27.7	11.1	1.18	566	37.4	3.21	8.8	166.5
E844969		3.2	3.97	27.5	0.19	3.6	0.154	4.44	48.8	10.9	0.4	36	0.44	0.19	5.3	23.8
E844970		2.6	4.47	27.9	0.2	4	0.148	4.2	55.5	13.9	0.64	86	0.79	0.18	5.9	30.4
E844971		0.9	0.02	0.18	<0.05	0.8	<0.005	0.01	1.4	1.9	<0.01	<5	0.1	<0.01	0.2	0.4
E844972		6.2	5.5	25.7	0.14	3.9	0.112	4.19	23.3	12.2	0.51	184	1.81	0.22	4.4	30.7
E844973		2.2	3.95	27.2	0.1	3.4	0.082	4.17	23.4	13	0.46	212	0.53	0.4	7.3	24.4
E844974		1.6	3.36	23.3	0.11	2.8	0.066	3.47	22.8	10.7	0.44	104	0.25	0.89	6.9	22.1
E844975		1.4	3.25	26.4	0.12	3.2	0.087	4.05	30.8	13.9	0.65	71	0.1	0.42	7.7	22.5
E844976		1	3.02	24.4	0.19	2.8	0.119	3.86	67.3	9.6	0.37	60	0.78	0.18	7.1	15.9
E844977		3.9	4.46	24.8	0.18	3.8	0.104	3.72	52.5	21.1	0.98	176	0.46	0.84	6.8	40

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844938		420	2.9	245	<0.002	0.05	0.72	13.9	1	2.9	67.4	0.28	<0.05	13.2	0.109	1.72
E844939		110	2.7	223	<0.002	0.02	0.55	12.1	1	2.4	83.8	0.32	<0.05	13	0.111	1.43
E844940		310	2.8	226	0.002	0.08	0.37	12.5	1	2.5	73.4	0.32	0.09	16.7	0.112	1.59
E844941		400	3.9	214	<0.002	0.42	0.74	12.4	1	2.3	56.1	0.3	0.35	18.2	0.096	1.4
E844942		330	3.3	262	<0.002	0.39	0.6	15.8	1	2.9	75.5	0.35	0.14	17.3	0.115	1.8
E844943		410	3.1	229	<0.002	0.57	0.37	13.6	1	2.6	89.3	0.33	0.17	17.7	0.105	1.61
E844944		580	3.6	251	<0.002	0.51	0.37	13.5	1	2.9	91.2	0.33	0.19	17	0.107	1.8
E844945		560	69.3	37	0.072	0.72	82.8	7.3	4	3	283	0.1	3.38	1.4	0.118	0.23
E844946		420	3.2	230	<0.002	0.19	0.43	13.9	1	2.9	82.3	0.39	0.12	14.3	0.121	1.72
E844947		360	3.4	212	<0.002	0.13	0.59	12.3	1	2.6	74.2	0.36	0.12	18.8	0.105	1.54
E844948		380	3.3	262	<0.002	0.25	0.42	15.6	1	3.2	80	0.36	0.1	15.2	0.108	2
E844949		290	3.4	221	<0.002	0.02	0.39	12.5	1	2.7	88.4	0.36	<0.05	13.7	0.109	1.64
E844950		270	3.5	272	<0.002	0.06	0.52	15.9	1	3.3	78.6	0.39	0.09	17.4	0.118	2.16
E844951		470	3.4	277	<0.002	<0.01	0.36	15.3	1	3.5	83.8	0.47	<0.05	17.6	0.137	2.2
E844952		430	3.5	262	<0.002	0.02	0.39	14.9	1	3.4	78.7	0.5	<0.05	16.2	0.142	2.07
E844953		220	3.7	161	<0.002	<0.01	0.35	9.2	1	2	66.7	0.39	0.09	13.7	0.111	1.02
E844954		120	3.7	208	<0.002	<0.01	0.39	13	1	2.7	81.2	0.46	<0.05	16.8	0.133	1.3
E844955		270	3.6	235	<0.002	<0.01	0.48	14	1	3.1	77.9	0.49	<0.05	17.5	0.14	1.71
E844956		130	3.2	230	<0.002	0.01	0.44	13.5	1	2.9	69.1	0.4	<0.05	17.4	0.121	1.62
E844957		260	3.4	245	<0.002	0.01	0.34	13.3	1	3.3	81.1	0.46	<0.05	17.5	0.139	1.88
E844958		290	3	251	<0.002	0.01	0.31	13.5	1	3.1	73.2	0.36	<0.05	16.5	0.117	1.86
E844959		440	3.2	281	<0.002	0.02	0.34	15.4	1	3.5	80	0.46	<0.05	17.4	0.143	2.06
E844960		530	2.3	314	0.002	0.01	1.05	16.7	1	3.7	23.7	0.21	<0.05	18.6	0.16	1.02
E844961		530	2.6	325	<0.002	0.01	1.03	16.8	1	3.8	25.1	0.3	0.06	20.3	0.163	1.05
E844962		410	2.4	314	<0.002	0.02	1.09	14.8	1	3.7	17.8	0.29	0.05	19.8	0.144	0.98
E844963		380	2.2	316	<0.002	0.01	0.94	18.1	1	4.1	15.1	0.27	0.06	19.3	0.123	0.88
E844964		400	2.4	292	<0.002	0.01	0.73	15.2	1	3.6	15	0.33	<0.05	18.4	0.123	0.81
E844965		460	2.4	320	<0.002	<0.01	0.49	17	1	4.1	16.4	0.39	0.06	19.8	0.143	0.87
E844966		430	17.1	305	<0.002	<0.01	0.39	17.5	1	3.9	14.4	0.35	<0.05	19	0.13	0.83
E844967		490	2.3	309	<0.002	0.02	0.53	18.3	1	4.3	15.1	0.38	<0.05	18.7	0.153	0.81
E844968		540	84	46.9	0.025	0.28	0.31	16.1	3	7.7	166.5	1.09	0.07	12.1	0.312	0.2
E844969		430	2.2	299	<0.002	<0.01	0.5	16.5	1	3.9	13	0.35	<0.05	18.7	0.147	0.71
E844970		420	2.3	278	<0.002	<0.01	0.52	16.4	1	4.5	13.5	0.39	<0.05	17.2	0.155	0.58
E844971		10	0.9	0.8	<0.002	0.01	0.06	0.3	1	<0.2	2	<0.05	<0.05	0.3	0.005	<0.02
E844972		400	2.3	265	<0.002	0.01	0.52	16.7	1	4.1	13.7	0.27	0.05	17.8	0.152	0.48
E844973		400	2.5	252	<0.002	<0.01	0.61	14.9	1	4.4	15.8	0.5	0.05	19.7	0.183	0.51
E844974		550	2.6	204	<0.002	<0.01	0.51	12.7	1	4.2	18.6	0.47	0.18	16.4	0.165	0.42
E844975		470	2.5	242	<0.002	<0.01	0.46	15	1	5.1	16.1	0.49	<0.05	18.3	0.192	0.51
E844976		460	2.3	244	<0.002	<0.01	0.48	13	1	4.3	13.2	0.43	0.06	20.2	0.159	0.52
E844977		360	2.9	223	0.003	0.01	0.49	13.3	1	5.1	20.1	0.43	<0.05	27.2	0.182	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
E844938		2.4	81	2.2	7.8	32	64.7	
E844939		2.2	63	2.2	7.3	19	63.4	
E844940		2.8	62	2.7	5.1	22	57.3	
E844941		6.8	54	2	6.9	20	62.6	
E844942		3.9	72	2.3	5.9	20	64.1	
E844943		4.1	64	2.2	6.6	16	61.7	
E844944		3.9	64	2.7	6.6	11	65.9	
E844945		3	60	13.6	10.3	114	21.3	
E844946		3.8	66	2.8	7	18	63.1	
E844947		8.6	56	2.6	7.5	24	63.8	
E844948		4.2	67	2.6	7.4	23	68.9	
E844949		2.6	57	2.5	6.3	16	61.3	
E844950		4	73	2.8	7.3	21	71.2	
E844951		2.7	73	3.1	9.8	14	80.2	
E844952		2.9	69	3.1	9.9	15	91.8	
E844953		1.4	40	2.4	5.6	6	49.4	
E844954		1.8	56	2.9	7.3	9	68.1	
E844955		1.9	61	3.4	9.3	14	71.1	
E844956		1.9	61	2.6	9.1	16	73.2	
E844957		1.8	65	3.7	7.6	6	71	
E844958		1.9	67	2.8	11.3	12	69	
E844959		2.2	74	2.9	9.4	7	77	
E844960		3.1	71	1.6	10.7	7	77.2	
E844961		3.4	73	1.9	13	5	94.6	
E844962		3.6	69	3.6	13.4	6	101.5	
E844963		3.3	70	6.2	11.7	6	99.3	
E844964		3.6	63	5.4	14.1	5	104	
E844965		3.9	70	4.7	15.5	3	111	
E844966		2.9	67	4.6	14	3	92.6	
E844967		4.3	72	5.5	13.4	5	107	
E844968		198.5	197	9.7	17.3	133	119	
E844969		3.4	70	5.5	13.4	3	110	
E844970		3.7	69	6.1	13.5	5	120	
E844971		0.2	<1	<0.1	1.8	3	23.7	
E844972		4.2	67	6	15.1	4	121	
E844973		4	65	5.4	14.2	6	93.6	
E844974		3.3	60	6.1	10.8	7	80.3	
E844975		3.4	68	7.5	11.9	8	88.4	
E844976		3.4	57	7.2	13.8	4	78.1	
E844977		5.9	62	9.1	14.9	17	106.5	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E844978		1.50	0.007		0.01	9.02	0.4	300	1.41	0.03	0.55	<0.02	8.35	4.4	40	0.97
E844979		1.31	0.010		0.01	9.12	0.5	320	1.65	0.5	0.98	<0.02	12.3	7.9	38	1.07
E844980		5.37	<0.005		<0.01	8.93	0.3	1020	3.47	0.03	0.26	<0.02	9.49	4.2	54	4.38
E844981		5.10	<0.005		0.02	9.63	<0.2	1000	2.91	0.09	0.17	<0.02	45.7	4.7	53	4.31
E844982		1.97	<0.005		<0.01	8.06	0.6	840	2.73	0.08	0.23	<0.02	83.1	11.6	45	4.97
E844983		6.49	<0.005		<0.01	8.32	0.5	1020	2.82	0.1	0.15	<0.02	94.2	5.9	46	4.89
E844984		6.09	0.006		<0.01	7.41	0.5	910	2.54	0.17	0.59	<0.02	48	24.7	38	3.72
E844985		6.37	<0.005		<0.01	8.02	0.2	1160	2.99	0.04	0.09	0.02	79.5	4	37	4.4
E844986		6.09	<0.005		0.01	8.1	0.2	1300	2.82	0.05	0.24	<0.02	65.8	4.6	35	4.09
E844987		6.44	<0.005		<0.01	8.31	0.3	1420	3.51	0.07	0.16	<0.02	121	7.4	48	5.97
E844988		6.56	<0.005		0.02	10.8	0.4	2600	4.42	0.03	0.06	<0.02	84.4	4.6	67	8.41
E844989		3.30	<0.005		<0.01	12.1	0.4	3490	5.16	0.02	0.05	<0.02	39.2	5	68	9.51
E844990		4.88	<0.005		<0.01	12.05	<0.2	3420	5	0.03	0.05	<0.02	2.81	4.4	63	9.63
E844991		0.04	0.020		0.09	0.06	<0.2	20	<0.05	0.01	0.01	<0.02	2.44	0.1	1	<0.05
E844992		3.93	<0.005		<0.01	9.04	0.4	2560	3.8	0.05	0.1	<0.02	72.1	8	54	10.35
E844993		5.45	<0.005		0.01	9.42	0.5	1740	3.74	0.07	0.17	<0.02	65.1	7.1	55	11.65
E844994		4.84	<0.005		0.04	10.45	0.2	1570	4.07	0.14	0.27	<0.02	101.5	6.2	62	14
E844995		4.33	<0.005		<0.01	10.1	0.6	1360	4.14	0.04	0.14	<0.02	131	3.8	67	16.2
E844996		8.39	<0.005		<0.01	9.95	0.2	1300	4.32	0.04	0.2	<0.02	110.5	5.5	58	15.8
E844997		5.01	<0.005		<0.01	10.3	0.5	1320	4.68	0.04	0.11	<0.02	104	3.4	64	17.3
E844998		4.81	0.005		5.84	11.2	0.7	1530	4.61	0.09	0.12	<0.02	115.5	4	66	17.45
E847246		0.69	<0.005		0.16	0.56	30.7	2880	0.22	3.96	0.03	<0.02	13.5	1.6	12	0.58
E847247		0.69	<0.005		1.54	0.28	7.7	30	0.16	0.45	5.09	0.02	4.58	9.5	1	0.39
E847248		0.65	0.023		2.21	2.51	79.9	50	0.78	3.93	0.07	<0.02	25.4	40.4	21	0.91
E847249		1.59	0.006		0.79	0.27	55	30	0.17	2.27	17.9	0.04	17.55	33.9	1	0.36
E847250		2.27	0.007		1.21	3.61	490	70	1.13	2.91	3.55	0.03	53.7	180.5	28	2.06
E847301		0.58	<0.005		<0.01	7.97	2	30	2.22	0.13	0.16	<0.02	53	2.5	8	0.27
E847302		1.08	>10.0	9.36	34.5	4.44	73.3	220	1.64	2.7	2.8	0.05	43	34.2	29	5.35
E847303		1.28	1.035	1.19	13.6	6.31	19	130	1.73	18.9	10.1	<0.02	4.78	66.6	35	0.8
E847304		0.83	0.026		0.26	6.14	7.4	150	1.56	0.16	7.08	<0.02	70.6	19.8	27	1.13
E847305		1.00	0.181		5.32	4.58	36.2	180	1.34	1.34	8	<0.02	5.99	49.9	27	0.75
E847306		0.85	0.157		1.43	7.85	7.7	3070	3.69	1.09	1.9	<0.02	121.5	15.2	49	2.65
E847307		1.72	0.110		0.66	7.28	15.1	1510	1.96	2.42	0.96	<0.02	107	28.3	47	5.33
E847308		1.05	0.006		0.17	7.21	8.5	890	2.43	0.46	0.48	<0.02	173	24.5	53	4.28
E847309		1.20	0.342		3.15	7.51	17	2600	1.35	27.4	0.5	<0.02	439	39	54	3.48
E847231		1.45	0.018		0.15	4.17	0.9	80	0.54	0.33	5.62	<0.02	100.5	29	7	0.39
E847232		0.98	0.078		0.77	7.36	1.3	50	0.82	1.28	2.8	<0.02	75.2	30.3	35	0.3
E847233		0.75	0.087		0.24	5.74	24.1	50	0.71	2.91	4.32	<0.02	72	478	25	0.48
E847234		0.84	0.020		0.06	6.65	5.1	160	1.46	0.82	5.26	<0.02	20.9	117.5	31	1.33
E847235		1.04	0.019		0.34	6.55	1.4	460	1.99	0.87	0.22	<0.02	25.3	57.7	33	0.95

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E844978		2.8	4.08	13.35	0.07	4.9	0.024	1.38	4.1	16	0.8	484	1.57	4.54	7.4	29.1
E844979		2.6	3.98	13.8	0.11	5.1	0.026	1.42	6	17.3	1.01	801	2.11	4.41	7.2	30
E844980		1.8	5.13	26.3	0.09	2.9	0.071	3.46	4.6	16.5	0.63	217	0.26	1.11	5.5	34.8
E844981		1	5.48	23.5	0.11	1.7	0.074	3.43	22.3	16.1	0.86	123	0.09	1.47	4.3	35.8
E844982		7.5	3.83	25	0.14	1.7	0.086	3	40.5	17.3	0.51	155	0.54	1.06	5.2	27.5
E844983		4.3	4.25	25.3	0.16	1.7	0.106	3.49	47	7.3	0.27	68	0.73	0.54	5	26.2
E844984		3.9	4.74	20.8	0.12	1.7	0.092	3	23.8	8.4	0.36	263	2.41	0.47	4.5	29.1
E844985		2.5	3.99	22	0.14	2.7	0.102	3.21	38.8	8	0.32	72	1.31	0.74	5.1	22.5
E844986		3.2	4.17	20.5	0.13	1.3	0.108	2.69	31.5	11	0.4	172	1.99	1.52	3.9	27.3
E844987		18.9	5.24	23.5	0.18	2	0.118	3.45	58.4	14.6	0.41	133	1.93	0.36	4.1	34.2
E844988		3.8	9.45	32.4	0.19	2.2	0.12	4.67	40.2	12.7	0.43	61	0.61	0.54	4.3	47.8
E844989		9.1	7	35.7	0.16	3.8	0.114	5.5	17.4	12.1	0.39	52	0.61	0.46	7.6	39.8
E844990		9.7	7.28	33.3	0.13	2.8	0.101	5.23	1.2	13.1	0.38	69	0.44	0.73	4.2	39.9
E844991		1	0.02	0.19	<0.05	0.5	<0.005	0.01	1.3	1.7	<0.01	<5	<0.05	<0.01	0.1	0.4
E844992		14.1	4.77	26.3	0.16	2.7	0.092	4.12	34.8	9.7	0.3	47	0.79	0.21	4.8	27.9
E844993		23.9	4.14	24.4	0.14	2.4	0.093	4.28	29.7	14.2	0.52	131	1.1	0.21	4.9	32.4
E844994		28.8	4.87	25.7	0.17	2.9	0.103	4.59	46.7	13.1	0.68	155	0.93	0.24	5.5	36.3
E844995		6.6	5.26	27.2	0.2	2.4	0.089	4.69	61.5	11.2	0.45	63	1.28	0.24	5.4	33.6
E844996		8.2	4.73	27.7	0.19	2.9	0.089	4.43	49.3	13.5	0.53	127	1.4	0.24	5.6	32.6
E844997		7.2	5.04	28.4	0.17	2.8	0.086	4.8	45.8	11	0.41	55	0.9	0.25	5.5	30.2
E844998		24.4	4.82	29.4	0.17	3.1	0.093	5	52.7	12.2	0.46	72	1.59	0.27	5.9	33.9
E847246		12.6	2.25	3.34	0.06	0.5	0.017	0.22	5.9	2.2	0.08	65	1.01	0.04	0.9	2.6
E847247		2810	15.25	0.94	0.18	<0.1	1.825	0.11	1.9	2.9	12.7	5360	<0.05	0.02	0.2	8.2
E847248		>10000	3.55	6.36	0.1	0.7	1.585	0.64	9.7	14.1	1.3	381	0.29	0.03	2.2	40.4
E847249		7370	7.13	1.1	0.11	<0.1	3.6	0.08	10.2	2.8	7.96	11200	0.05	0.02	0.2	26
E847250		4180	4.69	11.1	0.13	1.1	0.462	1.42	26	24.2	2.98	2520	0.37	0.03	3.4	81.4
E847301		15.5	1.73	21.2	0.11	1.5	0.005	0.06	25.6	0.7	0.02	46	0.1	7.03	2.1	1.3
E847302		>10000	12.1	11.25	0.27	1.7	5.06	1.72	20.6	22.8	1.19	1970	2	0.45	4.4	136.5
E847303		79.8	2.82	11.3	1.21	1.8	0.066	3.26	1.7	11.2	5.35	3570	>10000	0.05	3	57.4
E847304		140.5	4.88	12.15	0.12	1.4	0.054	3.18	39.1	13.7	3.76	3050	33.2	0.04	2.6	27.9
E847305		44.5	2.25	10.85	0.21	2.6	0.044	2.38	1.9	8.6	4.25	2760	1005	0.03	1.5	45.6
E847306		94.2	3.76	27.1	0.21	2	0.105	5.25	67.8	46.9	1.56	660	86.5	0.06	11.9	42.9
E847307		54.7	3.43	26.9	0.21	2	0.061	8.13	56.4	227	2.13	772	51.2	0.06	8.5	80.4
E847308		9.4	6.96	27.2	0.25	2.5	0.068	6.27	102.5	158.5	1.49	417	6.04	0.04	6.7	84.1
E847309		16.1	4.64	37.4	0.4	2.8	0.067	7.6	252	75.7	1.05	802	83.7	0.07	12.3	139
E847231		706	3.34	9.55	0.15	2.4	0.058	0.25	49.5	2.3	1.87	4350	18.4	2.89	5.8	15.2
E847232		>10000	7.24	17.3	0.2	1	0.313	0.22	40.1	4	1.21	1885	11.05	5.32	5.8	11.8
E847233		1240	7.06	13.8	0.25	0.8	0.065	0.29	36.8	5.1	1.89	2600	19	3.96	3.3	29.9
E847234		164.5	7.56	16.8	0.1	1.1	0.058	1.12	10.7	6.7	2.1	4300	10.4	3.41	2.4	22.4
E847235		4520	11.55	23.4	0.16	2	0.123	2.5	10.9	90.6	5.82	628	4.77	0.04	5.6	75.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E844978		40	3.5	89.8	<0.002	0.01	0.61	3.7	1	2.7	40.1	0.5	<0.05	28.4	0.161	0.21
E844979		20	4.2	98.4	<0.002	0.01	0.67	4.2	1	2.8	43.9	0.49	0.32	34.8	0.148	0.22
E844980		290	2.7	204	<0.002	<0.01	0.45	14.7	1	5.8	29.5	0.29	<0.05	11.5	0.138	0.39
E844981		260	1.8	169.5	<0.002	<0.01	0.32	11.8	1	4.3	31.6	0.25	0.06	8.7	0.134	0.34
E844982		450	2.4	184	<0.002	0.03	0.65	12.3	1	4.7	23.6	0.35	<0.05	17.5	0.147	0.42
E844983		500	2.1	206	<0.002	0.02	0.38	12.3	1	4.8	20.4	0.33	0.07	19.4	0.136	0.45
E844984		550	2.2	178.5	<0.002	0.13	0.36	11.6	1	4.6	19	0.28	0.14	20.6	0.123	0.39
E844985		290	2.5	195.5	<0.002	0.01	0.36	10.4	1	4.3	21.1	0.31	<0.05	17.3	0.121	0.45
E844986		420	3.3	167.5	<0.002	0.01	0.41	9.6	1	3.4	30.6	0.23	0.06	17.7	0.105	0.41
E844987		490	2.3	220	<0.002	0.02	0.52	12	1	4	18	0.26	0.07	20.5	0.135	0.56
E844988		220	1.8	284	<0.002	<0.01	0.45	15.4	1	5.1	28	0.22	<0.05	13.9	0.148	0.77
E844989		200	1.9	339	<0.002	0.01	0.53	18.1	1	6.4	24.2	0.46	<0.05	14.6	0.195	1.01
E844990		120	1.8	320	<0.002	0.01	0.41	15.9	1	6	28.8	0.22	<0.05	4.3	0.15	1.04
E844991		10	1	0.5	<0.002	0.01	<0.05	0.2	1	<0.2	1.9	<0.05	<0.05	0.3	0.005	<0.02
E844992		450	2.2	288	<0.002	0.02	0.49	14.1	1	3.4	20.4	0.3	0.05	20.3	0.137	1.05
E844993		490	2.3	287	<0.002	0.01	0.57	13.5	1	3	18.3	0.27	0.05	19.3	0.115	1.19
E844994		560	2	319	<0.002	0.01	0.45	14	1	3.2	19.9	0.32	0.1	20	0.141	1.37
E844995		560	2.3	331	<0.002	<0.01	0.56	15.6	1	3.4	21.6	0.35	<0.05	20.7	0.166	1.6
E844996		520	2.3	320	<0.002	<0.01	0.51	15	1	3.7	21.4	0.35	0.05	20	0.167	1.61
E844997		530	2.2	346	<0.002	<0.01	0.47	15.4	1	3.7	23.4	0.32	<0.05	19.8	0.211	1.89
E844998		600	2.6	367	<0.002	0.01	0.61	16	1	3.9	25.5	0.4	0.05	21.5	0.187	1.94
E847246		50	19	11.6	<0.002	0.11	5.82	0.9	1	0.3	31.9	0.07	<0.05	3.2	0.022	3.12
E847247		10	18.8	5.7	<0.002	0.1	1.75	6	2	0.5	18.6	<0.05	<0.05	0.8	0.005	0.06
E847248		110	10	27.8	<0.002	0.83	13.5	3	3	3.3	4	0.15	<0.05	4.4	0.055	0.13
E847249		20	4.4	4	<0.002	0.44	1.44	7.9	2	0.6	41	<0.05	<0.05	0.5	0.006	0.05
E847250		280	6	71.9	<0.002	0.25	6.42	6	1	3.7	16.3	0.21	<0.05	6	0.088	0.22
E847301		80	2	2	<0.002	0.01	0.34	0.9	1	1.7	48.2	0.06	0.06	4.1	0.019	0.02
E847302		390	13.6	98.4	<0.002	7.86	6.16	9.4	3	6.8	38.7	0.25	0.43	7.2	0.133	0.63
E847303		700	156.5	157	2.69	0.68	6.2	10.1	353	0.6	30.4	0.26	19.95	7.8	0.102	1.53
E847304		780	4.9	169	0.008	0.02	2.48	17	3	1.6	21.2	0.24	0.3	12.3	0.128	0.17
E847305		310	36.8	122	0.27	0.07	5.61	13.6	34	0.5	24.9	0.15	1.95	7.3	0.094	0.56
E847306		760	82.6	304	0.019	0.09	9.73	15.9	4	5.2	75	0.86	0.3	37.3	0.275	0.55
E847307		860	50.1	307.5	0.008	0.03	8.89	10.4	4	3.4	16.8	0.61	0.14	15.7	0.212	0.76
E847308		760	15.5	321	<0.002	0.02	6.53	9.8	2	4.2	12.3	0.58	<0.05	17.6	0.218	0.5
E847309		810	147	237	0.003	0.06	11.6	14.5	7	3.4	33.5	0.93	0.22	20	0.303	0.88
E847231		990	3.1	14.6	<0.002	0.1	0.59	10	2	0.5	52.6	0.36	0.14	15.9	0.063	0.07
E847232		800	2.9	11	0.002	1.11	0.84	10.2	15	1.4	37.8	0.44	0.17	12	0.153	0.04
E847233		1250	3.4	18.2	0.002	2.98	0.73	30.4	28	1	48.9	0.26	1.57	14.6	0.099	0.06
E847234		800	3.1	81.5	<0.002	0.86	1.13	14.6	5	2	51.9	0.29	0.47	13.4	0.139	0.19
E847235		50	3.2	45.4	0.002	0.33	1.42	16.9	2	1.7	5.6	0.41	0.21	5.8	0.132	0.14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Cu-OG62 Cu % 0.001
E844978		6.1	27	13.8	14	18	145.5	
E844979		30.6	25	14.5	17	18	149.5	
E844980		3	70	7.7	9	11	79.6	
E844981		2	74	5	6.7	10	71.6	
E844982		1.9	60	5.7	8.1	9	50.7	
E844983		2.2	58	6.3	8.4	4	52.1	
E844984		4	52	6.8	8.5	7	47.4	
E844985		3.7	47	6.2	10.8	5	73.3	
E844986		17.3	43	3.8	6.8	10	39	
E844987		2.5	56	4.2	10.2	10	56.7	
E844988		2.5	87	4.3	7.8	5	61.2	
E844989		4.9	92	6.6	10	4	112	
E844990		3	87	5.9	5.8	4	80.4	
E844991		0.2	1	<0.1	1.6	3	17.8	
E844992		3.2	72	2.5	11.3	6	71.4	
E844993		3.1	75	1.9	10.9	11	65.9	
E844994		3.7	82	1.8	12.8	9	82.3	
E844995		4.7	87	2.4	11	5	66.8	
E844996		3.8	79	2.5	11.7	6	77.5	
E844997		3.6	86	2.3	11.1	5	75.6	
E844998		4	93	2.3	11.3	6	82.8	
E847246		0.8	9	0.2	1.9	4	16.8	
E847247		0.2	10	0.1	7.4	11	3.3	
E847248		1.9	20	0.4	17.8	7	22.8	1.530
E847249		0.4	9	0.1	16	20	3.2	
E847250		1.2	28	0.7	8.4	15	35.9	
E847301		1.3	12	8.7	4.4	7	45.9	
E847302		3.3	33	0.4	12.5	90	43.1	7.20
E847303		173	77	2.7	11.8	5	54.1	
E847304		28.5	125	2.9	13.2	<2	41.6	
E847305		71.3	112	2.4	19.8	3	77.3	
E847306		402	71	10	37.5	7	58.3	
E847307		201	67	14.9	37.7	10	61.1	
E847308		168	87	17.5	28	13	71.3	
E847309		560	573	35.2	63.3	20	79.8	
E847231		5	9	2	14.3	6	68.8	
E847232		4.9	122	4.2	6.5	8	32.7	1.175
E847233		3.6	36	8.7	19.8	11	25.7	
E847234		4.4	125	8.2	10.1	10	37.3	
E847235		4.2	223	1.3	11.4	76	65.5	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E847236		0.74	0.032		0.2	7.04	2.2	1350	0.56	0.61	1.11	<0.02	208	7.7	7	0.97
E847237		0.66	0.007		0.07	6.92	4.4	1220	0.69	0.17	2.57	<0.02	204	21.9	5	0.81
E847238		0.93	0.005		0.13	7.62	3.6	1330	0.32	0.23	1.37	<0.02	92.5	7.3	50	0.87
E847239		0.71	0.005		0.19	6.25	107.5	610	2.38	3.02	2.18	0.04	225	167	51	2.44
E847240		1.11	0.016		0.08	6.77	6.8	1090	1.09	0.32	0.67	<0.02	173.5	72.8	39	1.34
E847241		1.13	0.077		0.41	2.41	928	260	0.94	4.1	0.31	0.03	32	295	24	1.18
E847242		1.12	0.029		1.07	6.02	5.2	140	1.51	1.01	4.69	0.02	276	21.8	12	0.32
E847243		1.27	0.006		0.27	6.67	5.1	70	1.34	0.39	3.8	0.02	298	22.8	15	0.3
E847244		0.72	0.011		0.13	1.65	192	30	0.74	1.86	0.12	<0.02	14.55	52.9	18	0.49
E847245		0.94	0.020		0.37	4.45	36.1	60	1.84	2.55	0.05	0.02	42.7	14.6	27	1.09
E839561		1.54	0.819		7.23	4.63	146	190	0.75	15.05	4.8	0.15	7.18	196.5	16	1.41
E839562		1.23	0.148		44.2	5.75	3.2	1220	1.02	195	1.35	<0.02	82.4	22.1	30	1.02
E839563		1.23	0.154		0.9	8.14	12.4	9410	4.99	1.52	1.32	<0.02	89.8	29.4	55	4.24
E839564		1.09	0.116		1.73	7.18	14.3	2710	1.96	1.35	2.54	<0.02	35.7	29	46	1.98
E847013		2.14	0.006		0.42	6.46	8.7	1200	0.25	1.23	2.41	<0.02	186.5	58.7	35	0.4
E847014		1.81	0.068		2.86	2.85	1990	80	0.96	15.5	0.77	0.35	32.1	356	27	1.17
E847015		2.65	0.269		20.8	1.94	44.4	50	0.65	0.98	1.86	0.07	22.5	52.1	12	1.26
E839793		2.02	<0.005		0.16	7.78	11.4	370	2.39	0.29	8.59	<0.02	90.7	5.6	37	17.15
E839794		1.35	<0.005		0.18	7.52	3.7	40	0.59	0.07	1.72	0.02	5.63	15.5	15	0.37
E839795		0.89	0.081		0.91	7.59	8.5	120	0.47	1.93	1.8	0.05	51.3	6.9	24	0.61
E839796		2.11	<0.005		0.05	9	7.6	670	3.74	0.24	0.3	<0.02	89.8	12.6	61	6.63
E839797		1.66	0.007		0.07	7.42	4.7	530	1.1	0.21	0.57	<0.02	54.8	46.2	55	0.91
E839798		1.44	0.017		0.16	6.55	2.9	350	1.6	0.46	0.07	<0.02	45.7	56.6	35	1.71
E839799		1.76	<0.005		0.05	6.23	3.2	1270	1.22	0.1	3.1	<0.02	74.8	72	10	0.79
E847067		0.94	0.036		0.14	6.44	4.8	1090	0.94	4.24	2.93	<0.02	14.2	12.7	45	1.31

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E847236		2900	2.63	21.8	0.23	4.4	0.055	6.9	133.5	23	2.3	516	26.9	0.08	11.4	30.2
E847237		26.9	7.07	15.1	0.3	8.7	0.036	8.81	103.5	5.5	0.5	1380	1.72	0.32	19.8	8.8
E847238		1210	6.03	10.4	0.17	1.7	0.034	8.13	49.6	2.9	0.52	1085	21.1	0.99	4.8	1.9
E847239		1030	3.52	16.8	0.25	1.8	0.153	3.16	111.5	23.9	2.34	2120	7.25	0.15	8.8	48.8
E847240		1160	7.28	16.9	0.24	1.6	0.039	6.19	99.7	24.7	1.43	671	2.05	0.17	6.4	29.8
E847241		>10000	5.15	7.76	0.18	0.6	0.759	1.19	15.1	2.8	0.19	63	0.75	0.04	1.5	130.5
E847242		5930	6.54	29.5	0.35	0.8	0.579	0.75	148	28.9	2.99	3180	0.62	1.84	8.2	69.2
E847243		1360	5.97	29.1	0.37	0.9	0.332	0.37	159	28.5	2.89	2770	0.51	2.64	10.6	61.3
E847244		8330	1.59	5.02	0.06	0.6	0.269	0.42	7.3	3.5	0.4	159	0.85	0.07	1.9	104.5
E847245		4910	2.13	12.95	0.1	2.2	0.11	1.1	21.1	16.4	1.16	66	1.28	0.13	6.3	76.1
E839561		>10000	9.55	7.01	0.17	0.6	0.908	0.69	3.6	3.7	1.68	3490	2.65	2.36	3.2	325
E839562		>10000	2.56	13.15	0.34	2	0.197	6.6	48.5	12.1	0.73	1230	524	0.06	4.8	12.5
E839563		230	3.59	29.5	0.2	2.2	0.138	5.91	46.4	72.2	1.63	476	25.9	0.11	15	32.9
E839564		426	1.96	29.8	0.13	2.2	0.109	7.29	18.3	35.1	1.7	981	30.8	0.08	12	30.1
E847013		1680	2	11.1	0.24	1.5	0.071	7.93	109.5	15	1.63	1775	3.8	0.07	10.2	11.9
E847014		4190	2.56	12.6	0.13	0.9	0.193	1.12	17	8.4	0.7	448	0.85	0.05	2.2	167
E847015		>10000	19.25	5.73	0.23	0.4	5	0.84	11.4	6.4	4.55	7560	0.57	0.03	2	84.2
E839793		74.7	3.59	24.5	0.15	2.1	0.22	4.29	38.5	36.7	4.49	4420	0.73	0.26	14.4	17.6
E839794		126	0.75	21.1	0.05	1.9	0.035	0.08	2.2	2.6	0.34	1445	0.61	6.28	8	3.4
E839795		>10000	3.35	21.5	0.15	1.4	0.36	0.14	22.5	2.1	0.29	2500	2.19	6.15	2.1	16.6
E839796		55	3.98	26.4	0.16	1.9	0.046	2.47	44.1	53.3	0.84	198	2.49	0.53	12.8	23.9
E839797		101	9.91	23.1	0.2	2.2	0.037	3.29	28.6	65.3	4.81	574	8.48	1.04	17.2	51.1
E839798		2100	13	22	0.22	1.8	0.094	2.38	23.8	94.1	6.02	431	3.01	0.06	6.9	64.2
E839799		17.9	8.75	17.6	0.22	2.7	0.05	5.29	34.9	23.1	2.58	1890	8.26	0.08	4.6	45.5
E847067		>10000	7.89	14.1	0.15	1.2	0.159	6.99	7.5	6.7	1.36	2750	1.87	0.06	8.3	10.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E847236		970	2.9	73.4	0.005	0.22	2.5	13.3	5	2.7	16.2	0.81	0.59	5.9	0.929	0.27
E847237		2330	5.9	129.5	<0.002	0.21	2	11.2	2	1.9	16.6	1.22	0.05	34.9	0.442	0.46
E847238		670	4	99.6	<0.002	0.04	1.71	7.7	1	1.8	15.6	0.38	0.05	15.2	0.163	0.72
E847239		410	3.5	134	<0.002	0.41	2.11	10.5	2	2.4	14.8	0.66	0.11	13.8	0.241	0.32
E847240		810	2.2	145.5	<0.002	0.5	1.28	10.9	2	2.3	14.1	0.53	0.06	15.1	0.196	0.46
E847241		1730	56.7	54.8	<0.002	3.46	3.74	2.5	19	2.6	7.5	0.11	<0.05	4.5	0.05	0.15
E847242		680	6.5	22.6	<0.002	0.33	1.58	64.6	3	0.8	41.1	0.55	0.05	9.4	0.72	0.08
E847243		840	2.5	10.6	<0.002	0.1	1.73	62.5	2	1	41.6	0.72	<0.05	9.8	0.857	0.05
E847244		240	1.4	18.2	<0.002	0.08	2.23	2.9	2	1.4	4.5	0.17	<0.05	3.9	0.045	0.07
E847245		190	4.4	52.7	<0.002	0.06	2.95	5.5	2	2.5	6	0.51	<0.05	12.6	0.13	0.67
E839561		600	30.4	45.1	<0.002	6.74	2.88	4.3	12	2.1	26.1	0.24	3.99	7.5	0.121	0.16
E839562		670	31.8	154	0.008	1.07	3.19	7.9	7	1.2	15.2	0.22	1.1	14	0.088	0.74
E839563		820	84.9	314	0.002	0.31	15.25	16.8	4	5.3	119.5	1.06	0.44	45.8	0.311	0.79
E839564		640	87.9	204	0.005	0.11	12.2	15.7	3	5.3	41.4	0.93	1.57	21.7	0.254	0.62
E847013		680	3.5	111.5	<0.002	0.4	5.16	8.8	2	0.9	13.9	0.84	0.05	11.9	0.259	0.75
E847014		410	22.4	51.1	<0.002	1.1	54	2.7	2	4.1	9.3	0.17	0.05	5	0.069	0.2
E847015		150	4	46	<0.002	2.92	2.94	15.6	3	1.8	24.6	0.14	0.1	3.8	0.049	0.13
E839793		800	2.3	200	<0.002	0.26	0.89	28.7	1	2.9	33.1	1.08	<0.05	12.2	0.402	2.07
E839794		1770	3.2	3.4	<0.002	0.06	0.82	2	1	0.5	37.7	0.54	<0.05	9.9	0.138	0.06
E839795		1590	7.2	8.2	<0.002	1.8	0.61	3.3	5	0.4	46.1	0.16	0.21	3.2	0.046	0.1
E839796		960	1025	171.5	0.004	0.08	1.94	13.9	1	3.4	242	0.97	0.05	19.7	0.247	1.16
E839797		750	2.4	53.8	<0.002	0.13	3.32	17.2	2	3.8	13.4	1.16	0.08	9.1	0.585	0.19
E839798		180	1.6	70.4	<0.002	0.21	1.76	22.3	2	1.8	5.4	0.44	0.13	12.1	0.304	0.15
E839799		100	2	124	0.003	0.31	1.47	16.8	1	1.2	23.3	0.41	<0.05	19	0.188	0.23
E847067		570	4.5	137	<0.002	1.07	1.43	11.3	3	2.7	15.8	0.67	0.08	10.6	0.2	0.43

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 30-SEP-2007
Account: EIAFRG

Project: Werneckes - E

CERTIFICATE OF ANALYSIS TR07088981

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62
	Analyte	U	V	W	Y	Zn	Zr	Cu
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001
E847236		11.4	247	5.4	39.3	20	142.5	
E847237		59.1	136	3.5	41.2	5	390	
E847238		6.7	72	1.4	8.1	17	51	
E847239		3.1	62	4	13.8	62	59.9	
E847240		7.9	68	3.8	7.2	23	50.2	
E847241		2.2	16	0.4	8.8	14	20.7	2.12
E847242		1.6	271	2.5	39.4	152	18.5	
E847243		1.7	301	2.6	30.4	149	22.6	
E847244		2.7	12	0.4	6.2	5	22.5	
E847245		6	33	1.4	9.6	23	69	
E839561		1.4	20	4.4	9	33	21.6	3.19
E839562		45.8	52	0.8	14	8	58	9.08
E839563		590	76	13	44.1	5	65.1	
E839564		157.5	88	14.9	38.5	6	63.7	
E847013		3.4	51	0.9	7.8	11	45.2	
E847014		3.8	20	0.4	5.8	108	31.2	
E847015		1.7	15	0.5	7.1	26	17.1	2.75
E839793		3.4	100	2	16.8	24	64.1	
E839794		2.9	7	2.2	6.3	13	60.8	
E839795		3.6	10	1.2	7.6	32	46.7	2.35
E839796		5.5	101	2.5	8.4	25	55.1	
E839797		3.9	189	2.5	9.5	59	65.1	
E839798		2.1	288	0.7	11	73	57.3	
E839799		3.9	197	0.6	9.5	14	98	
E847067		20.7	70	2.6	9.1	16	39.2	1.515

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-SEP-2007
Account: EIAFRG

CERTIFICATE TR07090164

Project: Werneckes

P.O. No.: FRG07-01

This report is for 22 Rock samples submitted to our lab in Terrace, BC, Canada on 14-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07090164

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E847310		3.44	0.011		0.21	5.96	8.3	640	1.40	0.72	0.49	<0.02	16.70	7.5	34	2.32
E847311		3.63	0.005		0.13	7.49	6.5	1010	1.66	1.11	0.94	<0.02	12.10	11.4	55	3.05
E847312		2.14	0.006		0.24	7.25	8.3	980	2.02	1.21	0.76	0.14	24.00	15.2	53	3.26
E847313		1.99	0.024		0.41	7.03	10.4	1070	2.08	1.02	0.75	0.06	99.40	20.2	44	3.19
E847314		2.43	0.026		0.66	6.51	9.7	2110	1.44	3.50	2.77	0.05	>500	21.1	50	2.80
E847315		2.38	<0.005		0.14	8.43	5.7	980	3.47	1.29	1.02	0.04	210.00	10.6	61	3.52
E847316		2.09	2.15	2.63	0.66	7.53	7.2	1050	3.32	0.98	0.92	0.02	295.00	13.2	55	2.88
E847317		2.64	2.22	1.86	0.39	7.49	6.7	1050	2.95	1.49	1.62	0.04	154.50	11.3	50	2.99
E847318		0.87	0.125		1.64	9.04	7.1	1540	5.14	1.06	0.34	<0.02	65.10	21.0	61	4.91
E847319		0.62	0.027		0.34	5.32	1240.0	120	1.51	11.40	6.24	0.02	8.08	1190.0	56	0.59
E847320		2.36	0.718		3.87	7.47	21.2	2530	1.34	16.15	0.61	<0.02	>500	40.0	53	3.60
E847321		3.22	0.400		4.72	7.30	17.9	2190	1.75	24.00	1.09	<0.02	498.00	37.4	48	4.13
E847322		3.42	0.853		2.60	8.22	15.5	2070	2.08	12.75	0.41	<0.02	487.00	29.4	60	4.43
E847323		2.94	0.282		7.78	7.83	9.1	2580	1.85	66.00	0.27	<0.02	>500	21.2	55	4.14
E847324		2.63	2.73	2.30	10.30	7.67	7.4	1220	1.67	24.30	0.35	0.02	>500	31.5	53	4.36
E839800		1.95	0.005		0.20	7.80	6.9	1720	1.68	2.11	0.49	<0.02	104.50	28.8	55	2.83
E846468		0.80	0.006		0.06	6.51	5.6	740	1.13	0.27	3.52	<0.02	80.90	23.8	41	2.91
E847016		4.98	0.041		5.40	0.41	1080.0	20	0.25	19.85	1.36	0.03	12.05	377.0	<1	0.40
E847017		6.87	0.031		4.96	4.00	2290.0	110	1.31	270.00	2.18	0.04	39.80	531.0	30	2.72
E847018		2.22	0.012		0.19	7.76	50.0	410	1.20	2.12	1.13	<0.02	11.45	21.4	36	2.26
E847019		1.05	0.132		0.06	8.35	19.0	240	1.60	1.66	0.63	<0.02	12.50	15.6	29	2.39
E847020		2.62	0.015		0.20	6.57	16.3	830	1.14	2.08	2.40	0.02	13.55	20.7	48	2.25

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090164

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E847310		12.8	9.36	17.80	0.17	2.1	0.161	4.35	8.6	25.9	0.67	545	14.60	0.05	4.2	23.2
E847311		17.4	6.99	20.10	0.15	2.8	0.162	4.49	5.8	70.7	1.15	755	4.28	0.07	4.1	46.4
E847312		11.7	7.45	22.40	0.16	2.5	0.084	5.76	13.9	112.5	1.27	643	4.46	0.06	5.3	58.3
E847313		9.8	5.91	23.50	0.22	2.8	0.071	5.60	58.8	116.0	1.27	585	5.78	0.04	6.1	67.8
E847314		8.6	7.74	22.80	0.62	2.2	0.068	5.10	356.0	96.1	1.95	1730	7.71	0.05	4.6	63.0
E847315		2.7	5.91	31.80	0.30	2.7	0.065	5.21	124.0	140.0	1.49	834	3.05	0.06	6.7	50.5
E847316		2.2	6.51	30.20	0.35	3.1	0.065	4.56	169.5	103.5	1.23	813	2.66	0.05	4.4	53.0
E847317		3.4	5.66	27.70	0.26	2.9	0.057	4.81	94.3	98.7	1.59	1070	2.08	0.05	5.4	52.2
E847318		45.6	4.07	31.90	0.19	4.2	0.150	4.51	31.8	51.9	1.40	106	78.40	0.04	15.3	27.9
E847319		42.4	5.62	16.40	0.12	2.0	0.142	0.44	3.3	67.6	7.70	4170	1.06	0.04	2.9	42.7
E847320		14.2	5.21	43.80	0.67	4.0	0.074	4.57	480.0	68.4	1.04	1080	92.90	0.05	8.6	134.5
E847321		54.4	4.59	43.00	0.46	3.6	0.089	4.51	274.0	72.6	1.42	1280	132.50	0.05	7.6	145.0
E847322		51.9	4.51	43.00	0.48	3.8	0.081	4.69	268.0	82.9	1.18	607	91.30	0.07	9.3	107.0
E847323		18.1	6.18	41.30	0.70	3.5	0.078	4.31	364.0	73.1	1.09	492	87.50	0.05	5.8	97.7
E847324		12.5	8.42	34.10	0.79	3.1	0.078	5.35	421.0	94.1	2.23	817	20.60	0.05	3.6	103.0
E839800		12.8	7.24	24.00	0.23	3.4	0.033	4.67	62.2	38.7	1.73	681	0.92	0.18	10.8	38.5
E846468		11.3	6.17	18.10	0.23	2.9	0.050	4.02	45.2	34.1	3.10	1260	2.71	0.03	6.0	33.2
E847016		>10000	26.70	2.43	0.40	0.3	3.270	0.16	4.6	3.5	6.22	13450	0.71	0.01	0.5	291.0
E847017		>10000	7.92	13.15	0.17	1.6	1.015	1.79	19.5	13.7	1.41	4460	0.65	0.04	2.2	275.0
E847018		791.0	7.68	20.10	0.20	3.2	0.229	4.07	3.2	10.2	1.07	1560	0.62	0.05	7.4	25.0
E847019		81.1	7.29	22.40	0.21	3.3	0.149	5.38	2.9	12.4	0.97	690	0.72	0.04	8.1	23.7
E847020		7250.0	6.92	19.20	0.21	1.9	0.197	4.65	7.0	14.3	1.39	3780	0.98	0.06	6.1	17.1

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090164

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E847310		700	3.9	231.0	<0.002	0.02	4.99	8.7	2	4.5	9.7	0.30	<0.05	11.9	0.134	0.32
E847311		850	8.1	184.0	<0.002	0.02	5.45	11.4	2	3.8	16.3	0.35	<0.05	12.8	0.160	0.39
E847312		790	18.4	249.0	<0.002	0.01	5.65	14.4	2	3.3	16.9	0.45	<0.05	11.1	0.200	0.49
E847313		780	30.8	274.0	<0.002	0.03	6.74	9.8	2	3.3	15.4	0.46	0.13	19.1	0.185	0.48
E847314		800	33.6	190.0	<0.002	0.05	4.68	20.1	3	3.2	35.1	0.34	0.13	18.5	0.172	0.49
E847315		830	12.6	225.0	<0.002	0.01	5.45	17.0	2	3.6	15.9	0.49	0.05	15.2	0.203	0.53
E847316		730	21.8	186.0	<0.002	0.01	4.75	14.4	3	3.1	16.8	0.36	3.09	16.2	0.183	0.49
E847317		780	25.9	209.0	<0.002	0.01	5.05	13.7	3	2.9	20.7	0.44	2.80	17.1	0.171	0.47
E847318		780	13.7	300.0	<0.002	0.02	3.65	21.1	3	5.9	30.8	1.14	0.28	27.3	0.305	0.59
E847319		460	4.5	28.9	<0.002	0.03	1.41	31.1	2	0.6	27.7	0.23	0.08	2.7	0.349	0.05
E847320		830	159.5	180.0	0.004	0.07	14.90	20.5	11	3.5	36.4	0.69	0.31	21.7	0.237	0.81
E847321		770	142.5	230.0	0.003	0.07	10.90	20.4	11	3.4	32.3	0.57	0.46	21.0	0.203	0.69
E847322		830	105.0	230.0	0.003	0.05	9.92	20.8	11	4.5	25.7	0.71	0.31	17.5	0.235	0.65
E847323		770	178.0	188.0	0.004	0.05	6.53	17.3	48	3.5	34.3	0.46	3.22	20.7	0.182	0.57
E847324		830	333.0	243.0	0.039	0.01	4.47	18.4	57	3.2	16.0	0.29	64.20	19.5	0.167	0.47
E839800		790	7.5	120.0	<0.002	0.26	2.70	13.8	2	3.4	26.8	0.85	0.21	17.9	0.274	1.25
E846468		640	4.8	159.0	<0.002	0.02	2.87	11.5	2	3.5	20.6	0.46	0.18	16.0	0.166	0.35
E847016		30	9.5	8.9	0.002	3.07	10.80	6.2	5	7.8	11.9	<0.05	0.05	1.5	0.010	0.08
E847017		500	9.8	89.3	<0.002	0.79	35.90	6.8	3	6.9	14.2	0.14	0.06	8.1	0.072	0.86
E847018		840	16.9	175.0	<0.002	0.08	4.92	4.8	3	2.3	7.3	0.48	0.08	79.7	0.167	0.46
E847019		700	20.5	253.0	<0.002	0.05	5.80	4.7	4	2.2	4.2	0.54	0.12	95.0	0.189	0.44
E847020		720	2.7	199.0	0.002	0.37	1.43	16.1	3	3.0	15.7	0.47	0.07	18.6	0.184	0.45

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07090164

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E847310		6.7	50	11.4	9.8	10	57.4		<0.01
E847311		16.4	64	11.2	14.4	10	76.8		<0.01
E847312		50.2	90	13.8	20.6	15	78.3		0.01
E847313		201.0	75	14.4	31.6	17	88.5		0.02
E847314		50.9	99	11.7	26.1	13	73.0		0.01
E847315		16.4	93	12.7	18.3	7	87.6		<0.01
E847316		18.4	97	11.9	19.7	9	98.1		<0.01
E847317		11.9	82	10.4	19.8	7	94.0		<0.01
E847318		70.6	88	7.7	25.1	6	108.0		0.01
E847319		2.3	247	0.9	22.1	30	52.5		<0.01
E847320		870.0	724	38.0	84.7	20	102.5		0.10
E847321		442.0	464	37.6	53.2	18	95.3		0.05
E847322		434.0	472	38.2	46.3	17	97.3		0.05
E847323		155.0	435	26.2	29.6	14	93.7		0.02
E847324		66.8	245	19.1	20.1	64	85.5		0.01
E839800		9.1	72	1.5	13.9	39	91.9		<0.01
E846468		6.1	70	7.0	13.4	7	78.3		<0.01
E847016		0.7	8	0.2	5.7	23	7.7	2.88	<0.01
E847017		1.5	32	0.9	9.2	25	47.0	2.15	<0.01
E847018		287.0	56	3.8	25.6	9	87.6		0.03
E847019		440.0	52	3.5	36.6	9	92.5		0.04
E847020		12.7	77	3.1	10.5	9	52.4		<0.01

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

CERTIFICATE TR07091753

Project: Werneckes

P.O. No.: FRG07-01

This report is for 105 Drill Core samples submitted to our lab in Terrace, BC, Canada on 21-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E845070		1.10	<0.005		0.05	10.1	1.5	1080	4.11	0.01	0.13	<0.02	14.25	5.5	59	17.35
E845071		1.41	<0.005		0.03	10.1	1	1070	4.18	0.01	0.15	<0.02	18.05	4.8	58	16.25
E845072		1.03	<0.005		0.06	9.45	1.1	960	4.08	0.01	0.04	<0.02	8.7	4.1	53	16.35
E845073		2.50	<0.005		0.09	10	0.4	1130	3.97	0.01	0.05	<0.02	3.96	1.2	53	16.15
E845074		0.66	<0.005		0.04	10.05	<0.2	1000	4	0.02	0.1	<0.02	3.38	2.4	56	16.75
E845075		2.85	<0.005		0.04	9.13	1.4	940	3.81	0.03	0.08	<0.02	13.8	6.5	51	16.2
E845076		3.02	<0.005		<0.01	12.25	0.7	1520	4.87	<0.01	0.13	<0.02	7.29	1.8	68	19.55
E845077		2.19	<0.005		0.09	12.95	1.6	1220	4.31	0.04	0.2	0.02	3.29	1.7	70	16.95
E845078		0.06	<0.005		0.39	7.68	7	390	11.15	0.6	2.18	0.28	61.2	23	73	1.17
E845079		2.25	<0.005		0.08	9.81	0.8	1070	3.89	0.02	0.11	<0.02	19.35	7.4	47	19.1
E845080		1.71	<0.005		0.13	10.1	1.1	1120	3.74	0.02	0.21	<0.02	8.44	7.2	47	19.25
E845081		1.23	<0.005		0.29	9.55	2.5	1000	3.58	0.15	0.08	0.02	88	18.6	47	19.45
E845082		1.75	0.006		0.37	10.1	0.8	1110	3.76	0.05	0.09	<0.02	10.55	3.6	49	17.95
E845083		4.92	<0.005		0.14	10.4	1	1060	3.95	0.04	0.14	<0.02	53.8	7.7	51	18.05
E845084		2.22	<0.005		0.08	10	1.4	770	2.87	0.03	0.12	<0.02	41	4.8	41	13.35
E845085		1.21	<0.005		0.14	10.55	6	740	3.69	0.39	0.28	0.06	91.1	22.9	48	15.4
E845086		4.25	0.005		0.13	10.7	7.6	860	3.02	0.38	0.26	0.06	90.6	9.9	54	14.65
E845087		4.62	<0.005		0.05	10.4	0.9	960	3.21	0.08	0.11	0.02	17.95	4.9	47	14.9
E845088		4.54	<0.005		0.13	12.45	1.1	1370	4.56	0.03	0.07	<0.02	3.7	3.6	65	18.95
E845089		1.56	<0.005		0.1	13.75	0.9	1610	5.37	0.06	0.05	<0.02	9.03	5.5	74	22.5
E845090		0.80	<0.005		0.08	11.9	0.4	1500	4.56	0.02	0.02	<0.02	4.25	2.2	63	20.3
E845091		4.41	<0.005		0.05	11.1	<0.2	1260	4.09	0.02	0.06	<0.02	3.97	2.5	54	17.7
E845092		5.49	<0.005		0.04	10.7	<0.2	1150	3.67	0.02	0.07	<0.02	7.8	1.4	53	15.4
E845093		5.89	<0.005		0.05	10.6	0.5	1180	3.82	0.03	0.07	<0.02	5.94	2.4	54	16.2
E845094		5.06	<0.005		0.05	10.75	0.4	920	3.74	0.02	0.12	<0.02	12.45	1.6	53	12.75
E845095		2.57	<0.005		0.05	10.9	<0.2	740	3.28	0.02	0.18	<0.02	3.85	1.6	36	8.75
E845096		4.84	<0.005		0.04	10.8	0.4	870	3.72	0.03	0.15	<0.02	115.5	6.8	46	12.55
E845097		5.39	<0.005		0.03	8.2	0.4	290	2.04	0.03	0.16	<0.02	41.4	4	22	4.15
E845098		5.69	<0.005		0.04	7.58	0.4	270	1.61	0.02	0.21	<0.02	54.2	3.8	22	4.27
E845099		5.49	<0.005		0.04	8.93	0.3	580	2.62	0.03	0.08	<0.02	147.5	5.5	38	11.2
E845100		5.47	<0.005		0.06	8.99	<0.2	870	3.51	0.02	0.2	<0.02	207	9.6	53	15.35
E845101		3.21	<0.005		0.05	11.65	0.2	1330	4.26	0.02	0.08	<0.02	217	2.7	57	17
E845102		0.23	<0.005		0.02	10.7	0.2	670	3.59	0.03	0.23	<0.02	198.5	2	31	8.78
E845103		0.07	<0.005		0.01	0.07	<0.2	10	<0.05	<0.01	0.01	<0.02	3.25	0.1	<1	0.05
E845104		1.48	<0.005		0.04	14.95	0.2	1840	5.76	0.02	0.17	<0.02	126.5	3.1	78	21.3
E845105		0.37	<0.005		0.03	15.25	0.2	2270	5.91	0.11	0.13	<0.02	152.5	1.8	84	22
E845106		5.20	<0.005		0.05	15.3	<0.2	2150	5.67	0.02	0.07	<0.02	322	1.9	97	24.8
E845107		2.14	<0.005		0.05	11.35	<0.2	1410	4.11	0.02	0.08	<0.02	22.3	1.4	60	15.65
E845108		0.26	<0.005		0.06	11.55	0.6	1310	4.17	0.02	0.04	<0.02	36.2	1.9	77	19.35
E845109		5.76	<0.005		0.07	9.64	0.8	860	3.37	0.03	0.19	<0.02	315	5.4	49	14.45

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E845070		18.4	1.69	29.9	0.09	2.6	0.037	4.22	6.3	14	0.35	90	0.43	0.69	7.8	9.4
E845071		16.9	1.53	29.4	0.09	2.6	0.039	4.16	7.9	13.8	0.33	92	0.5	0.86	7.7	9
E845072		12.9	1.38	27.3	0.08	2.8	0.034	4.03	3.6	24.6	0.43	142	0.35	0.43	8.2	9
E845073		18.5	0.95	29.1	0.06	2.8	0.031	4.23	1.9	10.3	0.27	37	0.25	0.69	9.2	5.9
E845074		12	0.94	30.1	0.07	2.6	0.036	4.36	1.6	12.2	0.28	60	0.33	0.43	7.4	5.8
E845075		11.3	0.9	27.1	0.07	2.7	0.032	3.99	6.5	7.6	0.24	32	0.29	0.54	7.8	5.4
E845076		48	1.11	35.5	0.06	3.5	0.035	5.14	3.5	10.6	0.33	41	0.13	1.71	9.7	6.5
E845077		9.1	1	30.7	<0.05	3	0.032	4.17	1.6	11.5	0.34	61	0.18	3.88	7	7.6
E845078		62.1	5.05	19.75	0.14	4.6	0.319	0.97	30.9	12.1	1.25	577	39.5	3.84	9.1	161
E845079		9.4	0.83	28.2	<0.05	2.9	0.033	4.15	9.3	9.9	0.27	81	0.54	0.57	6.8	5.4
E845080		30.3	0.94	26.7	<0.05	2.7	0.031	4.2	5.1	10.2	0.32	110	1.95	0.34	7.3	10.4
E845081		47.6	1.82	24.9	0.15	2.3	0.028	3.76	45.7	21.9	0.59	159	2.04	0.32	4.4	27
E845082		7	0.82	25.6	<0.05	2.7	0.028	3.87	5.2	10.5	0.3	54	0.75	0.79	6.8	7.9
E845083		6.5	1.08	27.6	0.08	3	0.031	3.97	27.3	14.5	0.44	84	0.35	1.13	8.4	16.1
E845084		12	0.78	22.1	<0.05	2	0.026	3.06	21.2	10.9	0.3	99	0.5	2.21	6.2	8.5
E845085		27.2	1.38	25.2	0.08	2.7	0.04	3.4	47.4	26	0.63	219	2.16	1.8	6.5	18.7
E845086		20.2	1.46	24.4	0.09	2.6	0.033	3.67	46.4	18.6	0.62	129	0.9	1.69	7	18.4
E845087		9.1	0.74	25.3	<0.05	2.6	0.027	3.7	9.5	10.5	0.29	66	0.44	1.5	7	5.4
E845088		7.8	0.74	32.6	<0.05	4.3	0.031	4.81	1.8	9.6	0.27	40	0.26	1.88	9.6	3.7
E845089		7.2	0.87	36.3	<0.05	4.9	0.052	5.82	3.9	10.1	0.32	47	0.47	1.27	12.1	5.2
E845090		2	0.7	32.6	<0.05	4.9	0.041	5.1	2	7.1	0.25	24	0.13	0.78	10.6	3.2
E845091		4.3	0.64	28.4	<0.05	3.3	0.037	4.35	2	6.1	0.22	26	0.16	1.27	9.2	3.1
E845092		3.5	0.64	27	<0.05	2.9	0.034	3.89	3.9	6.9	0.23	31	0.2	1.64	7.8	3.1
E845093		10.7	0.65	26.7	<0.05	3.2	0.032	3.99	3	6.6	0.23	30	0.34	1.47	10.3	3.2
E845094		15.9	0.52	24.4	<0.05	3.7	0.031	3.35	5.6	5.7	0.17	31	0.31	3.41	8.8	2.9
E845095		15.3	0.41	19.5	<0.05	3	0.02	2.37	1.9	4.4	0.15	32	0.17	5.07	8.5	2.2
E845096		12.5	0.84	24.4	0.13	2.9	0.028	3.27	58.4	8.8	0.3	69	0.17	2.83	7.9	9.9
E845097		11.6	0.27	12.35	<0.05	1.7	0.01	1.09	20.9	2.8	0.09	25	0.27	5.44	5.5	3.9
E845098		8.2	0.68	11.9	0.05	1.6	0.011	1.12	28.1	10.4	0.26	139	0.49	4.06	4.8	6.6
E845099		3.8	1.31	21.8	0.17	2.3	0.018	2.61	77.1	17.9	0.52	136	0.34	1.94	5	23.6
E845100		5.9	1.53	27.2	0.26	2.8	0.029	3.56	92.5	19.7	0.53	195	0.42	1.05	7	25.5
E845101		4.6	0.87	31.7	0.27	3.3	0.036	4.56	108	9.7	0.3	48	0.24	1.46	9.5	5
E845102		30	0.44	21	0.25	1.2	0.021	2.29	95.2	5.7	0.15	45	0.25	5.87	4.9	2.7
E845103		1.5	0.02	0.17	<0.05	0.7	<0.005	0.01	1.8	1.8	<0.01	<5	0.06	0.01	0.1	0.6
E845104		14	0.84	41.8	0.16	2.9	0.044	5.59	58.4	8.7	0.27	35	0.15	2.36	9.3	4.5
E845105		6.6	0.89	44.5	0.19	3	0.05	6.18	69.4	9.2	0.28	30	0.09	2	8	4.2
E845106		9.5	0.92	47.2	0.4	4.4	0.05	6.36	152	10	0.29	36	0.15	1.42	11.8	5
E845107		5.9	0.65	29.4	<0.05	3.3	0.033	4.22	10.5	7	0.22	27	0.55	1.61	8.1	4.1
E845108		5.1	0.67	32.4	0.05	3.3	0.034	4.57	16.9	8.1	0.25	30	0.43	1.39	8.9	3.3
E845109		13.5	1.54	24.9	0.39	2.4	0.027	3.09	159.5	22.4	0.56	165	0.28	1.35	6.4	28.8

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845070		90	4.8	300	<0.002	0.02	0.46	16.6	1	4.8	95.4	0.5	<0.05	20.3	0.158	1.94
E845071		140	5.9	291	<0.002	0.02	0.43	16.5	1	4.6	98.4	0.5	<0.05	19.7	0.157	1.88
E845072		50	4.5	293	<0.002	<0.01	0.52	15.4	1	4.3	84.7	0.51	<0.05	19.7	0.152	1.88
E845073		70	3.8	288	<0.002	<0.01	0.34	16.8	1	4.4	99	0.61	<0.05	20.8	0.177	2.02
E845074		100	3.7	299	<0.002	<0.01	0.36	17.7	1	4.7	90.1	0.53	<0.05	20.4	0.164	2.1
E845075		250	3.9	277	<0.002	0.04	0.41	15.3	1	3.9	90.6	0.56	<0.05	16.5	0.152	2.07
E845076		30	4.8	328	<0.002	0.01	0.53	19.1	2	4.7	130.5	0.66	<0.05	23.1	0.21	2.35
E845077		40	7.3	273	<0.002	<0.01	0.62	16.5	1	3.9	142	0.45	<0.05	20.8	0.163	1.61
E845078		570	90.3	52.2	0.028	0.29	0.36	15.6	3	7.9	176.5	1.15	0.07	13.9	0.333	0.2
E845079		60	5.5	286	<0.002	<0.01	0.44	17.6	1	3.5	93.6	0.47	<0.05	18.9	0.15	1.93
E845080		150	12.1	290	<0.002	<0.01	0.83	16.4	1	3.6	94.9	0.51	<0.05	20.6	0.156	1.98
E845081		260	9.9	265	<0.002	0.03	0.74	14.7	2	3	93.2	0.32	0.08	19.4	0.112	1.87
E845082		110	5	273	<0.002	<0.01	0.39	15.4	1	3.3	101.5	0.47	<0.05	20.9	0.148	1.84
E845083		150	4.7	273	<0.002	0.02	0.55	16.4	1	3.6	104.5	0.62	<0.05	23.4	0.18	1.84
E845084		110	18.8	211	<0.002	<0.01	0.49	12.4	1	2.7	86.8	0.44	<0.05	18.4	0.146	1.32
E845085		260	5.9	246	<0.002	0.09	1.32	13.9	2	3.2	72.8	0.49	<0.05	19.1	0.15	1.54
E845086		350	9.2	243	<0.002	0.06	2.19	13.3	1	3.2	99.5	0.52	<0.05	18.6	0.182	1.54
E845087		110	4.5	252	<0.002	<0.01	0.48	14.1	1	3.2	96.7	0.53	<0.05	18.7	0.162	1.66
E845088		20	5.3	328	<0.002	<0.01	0.45	18.8	1	4.1	122.5	0.64	<0.05	19.8	0.192	2.01
E845089		40	4.5	407	<0.002	0.01	0.51	21.5	1	4.9	112	0.75	<0.05	18.6	0.237	2.43
E845090		10	4.5	340	<0.002	<0.01	0.32	18.9	1	4.3	101	0.65	<0.05	20.9	0.192	2.22
E845091		60	3.9	295	<0.002	<0.01	0.33	16.4	1	3.7	97.8	0.61	<0.05	13.2	0.182	1.85
E845092		30	3.9	269	<0.002	<0.01	0.32	15.6	1	3.3	91.8	0.53	<0.05	19.8	0.174	1.55
E845093		20	4.4	269	<0.002	0.01	0.39	15.6	1	3.5	93	0.71	<0.05	15.4	0.225	1.55
E845094		20	5.4	206	<0.002	<0.01	0.35	12.3	1	3.1	100.5	0.64	<0.05	11	0.183	1.37
E845095		10	5.4	160	<0.002	<0.01	0.3	8.9	1	2.2	131.5	0.63	<0.05	9.3	0.153	0.96
E845096		220	29.6	212	<0.002	0.03	0.32	12.1	1	2.9	109	0.61	<0.05	15.7	0.167	1.42
E845097		30	5.8	70.9	<0.002	0.01	0.29	4.2	1	1.2	96.2	0.41	<0.05	11.5	0.11	0.45
E845098		40	5.8	73.5	<0.002	<0.01	0.34	5	1	1.2	68.5	0.36	<0.05	12	0.102	0.46
E845099		190	5.2	171	<0.002	<0.01	0.29	11	1	2.4	75.1	0.39	<0.05	17	0.111	1.25
E845100		190	6.1	231	<0.002	0.01	0.38	14.9	2	3.2	91.9	0.51	<0.05	25.2	0.151	1.72
E845101		70	5.8	301	<0.002	<0.01	0.32	17.6	2	3.9	113	0.67	<0.05	24.2	0.206	1.93
E845102		30	6.8	157	<0.002	<0.01	0.41	8.2	1	2	145.5	0.36	<0.05	26.7	0.109	0.95
E845103		10	1.6	0.6	<0.002	0.01	<0.05	0.1	1	<0.2	2	<0.05	<0.05	0.4	0.005	<0.02
E845104		50	7	378	<0.002	0.01	0.38	22.4	2	4.9	178	0.65	<0.05	31.9	0.229	2.34
E845105		40	8.4	408	<0.002	<0.01	0.35	24.5	2	5.3	176	0.55	<0.05	24.1	0.213	2.59
E845106		30	7.9	429	<0.002	<0.01	0.45	25.5	2	5.8	145	0.87	<0.05	29.7	0.281	2.72
E845107		20	5.3	281	<0.002	<0.01	0.32	17.4	1	3.5	105	0.62	<0.05	9.9	0.195	1.74
E845108		30	5.2	305	<0.002	<0.01	0.35	19.5	1	4.1	89.4	0.66	<0.05	11.5	0.22	2.06
E845109		720	6.7	211	<0.002	<0.01	0.38	13.2	2	2.9	82.9	0.51	<0.05	21.1	0.148	1.5

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E845070		2.4	73	11.6	6.5	8	81.6			
E845071		2.3	71	10.9	6.6	9	81.2			
E845072		2.7	64	10.8	5.7	13	86.5			
E845073		2.2	68	11.9	6	4	90			
E845074		2.1	74	11.9	5.8	5	78.3			
E845075		2	66	8.1	6.9	4	82.5			
E845076		2.7	88	8.1	6.5	6	113.5			
E845077		2.2	76	4.9	5.1	10	99.6			
E845078		226	201	7.8	19.8	134	149			
E845079		2.9	73	2.6	7.9	8	93.7			
E845080		2.6	68	3.6	7.4	8	85.7			
E845081		3.3	65	2	11.6	27	73.4			
E845082		2.4	63	2.8	6.9	7	89			
E845083		2.5	70	3.8	7.4	10	94.4			
E845084		2.1	56	3	5.9	9	65.1			
E845085		3.1	65	3	9.5	31	84.7			
E845086		2.4	72	3.1	8.1	32	81.7			
E845087		2.5	66	3.2	6.2	10	82			
E845088		3.7	79	4.6	7.5	8	135			
E845089		4.8	94	7.3	7.1	10	155			
E845090		4.1	78	5.4	8.6	6	147.5			
E845091		2.7	72	4.4	6.8	5	102			
E845092		2.7	70	4.3	5.9	4	93.5			
E845093		2.8	73	5.4	6.1	5	105			
E845094		1.9	60	3.9	5.1	5	118			
E845095		2	40	2.4	4.5	5	91			
E845096		2.2	59	2.8	7.1	10	91.8			
E845097		1.5	21	1.8	3.1	4	52.8			
E845098		1.4	24	1.6	3.8	10	51.7			
E845099		2	54	2	6.5	15	73.7			
E845100		2.4	70	3.1	8.6	18	90.7			
E845101		2.6	84	4.6	7.5	7	103			
E845102		1.7	39	1.7	5	6	37			
E845103		0.2	<1	<0.1	1.7	4	21.6			
E845104		3.2	104	4.3	5.5	5	92.5			
E845105		2.3	121	4.3	5.9	4	98.3			
E845106		3.3	124	4.8	9.5	4	136			
E845107		2.4	82	3.8	5.7	4	105.5			
E845108		2.4	97	3.3	5.8	4	110.5			
E845109		2.2	62	2.3	10	17	77.3			

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E845110		1.48	<0.005		0.06	11.8	0.7	990	3.9	0.02	0.11	<0.02	286	2.3	68	15.65
E845111		2.31	<0.005		<0.01	10.65	0.8	750	5.21	0.03	0.13	0.02	179.5	2.1	69	12.2
E845112		1.06	<0.005		0.09	9.66	1.6	740	3.75	0.01	0.12	<0.02	82	1.7	70	15.45
E845113		2.13	<0.005		0.07	11.75	0.8	990	4.56	0.02	0.14	0.03	181	1.9	65	16.6
E845114		1.24	<0.005		0.01	9.48	0.3	740	3.1	0.02	0.21	<0.02	470	0.9	39	9.05
E845115		0.43	<0.005		0.03	11.25	4.1	1120	4.7	0.03	0.18	<0.02	205	1.3	78	14.95
E845116		0.38	<0.005		<0.01	12.75	2.2	1640	6.3	0.01	0.07	<0.02	492	1	95	23.8
E845117		0.05	<0.005		0.31	6.78	8.5	350	10.75	0.53	1.97	0.26	50.7	21.5	70	1.06
E845118		1.82	<0.005		0.03	10.85	1.5	1200	4.66	0.02	0.13	<0.02	484	1.9	73	16.35
E845119		0.06	0.977		37.1	4.34	1030	500	0.6	24.8	6.72	0.14	22.2	42.2	261	1.22
E845120		0.47	<0.005		0.31	9.42	8.7	840	3.59	0.08	0.15	<0.02	>500	1.4	70	12.2
E845121		0.29	<0.005		0.22	10.75	5.8	920	3.89	0.04	0.16	<0.02	>500	3.4	74	13.2
E845122		2.52	<0.005		0.03	11.7	1.8	1250	5.07	0.02	0.12	<0.02	159	1.5	68	17.65
E845123		0.38	<0.005		0.03	12	1.6	1540	5.83	0.03	0.08	<0.02	121	1.2	79	18.4
E845124		4.57	<0.005		0.02	11.1	1.1	1000	4.52	0.02	0.14	<0.02	105	1.1	61	13.75
E845125		1.66	<0.005		0.03	8.61	1.1	510	2.97	0.03	0.26	<0.02	119	3.5	31	3.67
E845126		3.76	<0.005		0.06	8	1.1	450	2.18	0.02	0.13	<0.02	320	4.2	39	3.37
E845127		3.64	<0.005		0.03	8.91	0.7	1320	3.98	0.1	0.12	<0.02	113.5	4.5	49	7.1
E845128		0.68	0.006		0.04	6.27	1.1	870	2.23	0.1	0.11	<0.02	60.7	4.9	30	3.97
E845129		4.17	0.009		0.08	7.95	0.8	1130	2.89	0.1	0.11	<0.02	76.1	4.1	54	4.7
E845130		4.68	0.005		0.01	7.73	0.9	1180	2.76	0.04	0.1	<0.02	80.9	4.3	38	4.51
E845131		1.12	<0.005		0.03	8.24	1	1260	2.99	0.03	0.09	<0.02	38.2	4.4	41	4.49
E845132		1.21	<0.005		0.01	7.88	0.5	1240	2.96	0.03	0.09	<0.02	58.4	4.2	41	4.41
E845133		1.53	0.005		0.03	7.36	0.5	1140	2.86	0.03	0.06	<0.02	77.2	4.1	36	4.45
E845134		1.30	<0.005		0.04	6.59	1	690	2.21	0.02	0.1	<0.02	10.65	4.3	35	3.57
E845135		2.74	<0.005		0.02	7.58	0.6	1140	3.05	0.02	0.06	<0.02	15.85	2.8	39	4.73
E845136		5.17	<0.005		0.04	5.41	1.3	390	1.42	0.03	0.13	<0.02	5.36	7.2	41	1.97
E845137		4.19	<0.005		0.04	6.73	1.3	790	2.08	0.06	0.09	<0.02	45.5	5.1	38	4.13
E845138		3.41	0.005		0.04	8.06	0.6	1280	3.14	0.13	0.1	<0.02	94.7	2.8	42	5.46
E845139		2.07	<0.005		0.04	8.02	0.8	1200	3.35	0.05	0.09	<0.02	104	3.6	39	5.39
E845140		0.04	<0.005		0.02	0.06	0.3	10	<0.05	<0.01	0.01	<0.02	3.04	0.1	<1	<0.05
E845141		1.89	<0.005		0.03	7.24	0.9	1050	3.05	0.14	0.27	<0.02	77.9	6.1	42	4.46
E845142		3.93	<0.005		0.01	8.9	0.4	1070	3.46	0.04	0.56	<0.02	76.2	4.4	51	5.41
E845143		2.24	<0.005		0.16	8.73	0.9	150	1.73	0.02	0.21	0.02	19.35	9	28	0.93
E845144		2.93	<0.005		0.04	9.36	1.4	1780	4.27	0.07	0.12	0.02	108	17.1	56	7.57
E845145		1.74	0.007		0.14	9.1	1.6	2030	4.37	0.24	0.13	0.02	72.1	30	56	7.98
E845146		2.97	<0.005		0.18	8.91	1.1	1740	4.14	0.08	0.11	0.02	31.1	12.8	49	6.95
E845147		3.22	0.007		0.21	9.2	1.1	1710	4.36	0.36	0.1	0.05	42.2	8.5	51	7.3
E845148		2.62	0.011		0.05	9.41	1.1	1930	4.74	0.12	0.11	<0.02	69.5	6.9	57	7.16
E845149		2.31	<0.005		0.03	9.15	1	1780	4.62	0.12	0.12	<0.02	76.9	5.6	52	7.07

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E845110		25.1	0.7	31.8	0.19	2.9	0.032	4.06	138	8.3	0.26	53	0.13	2.94	10.3	5.4
E845111		72.2	0.61	26.8	0.43	2.6	0.031	2.99	79.2	9.8	0.24	69	0.36	4.48	11.8	5
E845112		51.4	0.57	29.1	0.12	2.7	0.037	3.99	32.8	10	0.14	48	0.18	3.73	11.8	4.1
E845113		11.3	0.75	32.2	0.25	3.6	0.035	4.17	78.6	12.1	0.25	57	0.32	3.2	11.1	6.1
E845114		34.2	0.41	22	0.57	2.1	0.022	2.4	234	5.9	0.15	37	0.15	3.82	6.4	2.5
E845115		24.6	0.59	32.4	0.24	3.1	0.035	3.86	93.7	12.4	0.22	73	1.49	3.84	9.4	3.5
E845116		11.6	0.68	48	0.53	5.6	0.054	5.19	203	13.2	0.24	28	0.5	1.42	15.3	3.7
E845117		57.2	4.77	19.75	0.13	4.2	0.371	0.88	25.8	11.7	1.16	524	32.9	3.45	9.4	147.5
E845118		11	0.74	36.2	0.51	3.3	0.042	3.51	220	12.4	0.29	63	0.26	2.38	10.3	4.1
E845119		4320	4.33	13.3	0.09	0.7	0.222	1.39	16.1	13.2	0.8	1710	699	0.66	1.9	19.2
E845120		98.3	0.63	201	24.7	2.8	0.035	2.98	>10000	12	0.21	64	3.47	2.98	8.6	3.7
E845121		91	0.62	93.7	11.8	2.7	0.036	3.22	6520	11.1	0.23	67	1.54	3.62	9.9	4.2
E845122		16.2	0.63	39.2	0.2	3.8	0.038	4.21	69.8	11.5	0.23	42	0.47	2.66	11.2	3.8
E845123		18.4	0.67	44.1	0.16	5.3	0.046	4.93	49	11.5	0.23	31	0.42	2.05	12.7	4.3
E845124		33	0.51	33	0.14	3.3	0.031	3.56	47.4	8.9	0.2	36	0.47	3.53	11.6	3.2
E845125		6.4	2.18	23.1	0.17	2.9	0.038	1.6	62.3	16.8	0.37	159	0.18	4.56	7.5	17.9
E845126		8.6	2.22	20.1	0.35	2.9	0.032	1.44	164	10.8	0.27	90	0.57	4.35	7.2	12.6
E845127		4	3.73	29.8	0.17	3.3	0.09	3.82	56.3	15.3	0.46	71	0.29	0.34	5.1	24.2
E845128		12.9	6.47	18	0.14	1.7	0.064	2.49	32.2	8.8	0.27	67	1.04	0.21	3.1	23.1
E845129		3.7	3.38	25.7	0.11	2	0.088	3.14	38.9	8.7	0.25	56	2.85	0.47	4.4	26.5
E845130		4.2	3.6	24	0.12	2.3	0.088	3.34	41.6	7.2	0.22	47	0.51	0.25	4.8	15.1
E845131		5.4	3.34	23.8	0.09	2.1	0.088	3.49	19.3	6.9	0.22	52	0.4	0.42	4.5	15.7
E845132		2.7	2.72	24	0.08	2.2	0.082	3.47	30.1	8	0.25	50	0.43	0.33	5.7	16.3
E845133		4.1	2.28	24.4	0.1	2.3	0.076	3.06	39.1	9.4	0.28	84	0.35	0.49	5.5	16.5
E845134		6.4	6.58	18.7	0.09	1.9	0.048	2.05	5.3	14.1	0.32	166	0.41	1.45	2.6	22.7
E845135		2	3.92	25.5	0.07	2.1	0.087	3.22	8	9.4	0.31	55	0.22	0.61	5	18.9
E845136		2.5	6.16	12.45	0.07	1.3	0.031	1.12	2.6	16.4	0.69	193	0.22	1.72	1.6	36.1
E845137		8.1	5.57	18.75	0.09	1.4	0.068	2.28	24.5	17.5	0.36	239	0.4	1.03	2.8	26.9
E845138		5.8	3.1	25.7	0.13	2.1	0.096	3.52	50.4	7.8	0.24	54	0.49	0.28	4.8	16
E845139		2.6	3.87	26.5	0.15	2.5	0.086	3.37	54.7	8.5	0.26	55	0.54	0.27	6.2	18
E845140		0.7	0.01	0.18	<0.05	0.8	<0.005	0.01	1.3	1.9	<0.01	<5	0.08	<0.01	0.1	0.4
E845141		8.7	4.35	23.3	0.14	2	0.069	3.15	40.2	9.1	0.32	164	0.6	0.39	5.4	19.1
E845142		3.9	2.92	31	0.14	2.3	0.069	3.26	38.2	12.4	0.47	341	0.8	1.64	5.7	19.9
E845143		20.7	3.03	16.3	0.09	1.9	0.012	0.56	9.9	17.1	0.33	174	0.33	6.15	4	22.6
E845144		36.9	4.39	31.6	0.19	2.9	0.083	4.34	52.6	16.8	0.4	136	0.81	0.25	6.9	25.8
E845145		134	4.76	29.6	0.15	3	0.088	4.44	35.5	18.9	0.37	167	1.02	0.19	6.7	29
E845146		149	4.48	28.2	0.11	3.6	0.094	3.83	14.9	19.6	0.39	167	0.72	0.19	5.7	31.7
E845147		86.1	4.29	28.2	0.11	3.8	0.13	3.89	20.2	17.3	0.37	131	1.13	0.19	5.5	34.3
E845148		298	5.09	28.4	0.17	3.5	0.134	3.93	34.6	12.1	0.32	78	1.3	0.2	5	32.4
E845149		248	4.98	25	0.27	3.7	0.12	4.41	39.1	13.1	0.34	76	1.1	0.18	4.4	32.6

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845110		140	5.4	273	<0.002	<0.01	0.4	18.7	1	3.9	125	0.74	<0.05	34.2	0.218	2.01
E845111		100	5.1	207	<0.002	<0.01	0.58	14.9	2	3.1	118	0.87	<0.05	46.2	0.239	1.4
E845112		70	4.4	177	<0.002	<0.01	0.44	12.6	1	4.2	83.5	0.84	<0.05	23.4	0.218	1.9
E845113		100	4.9	218	<0.002	<0.01	0.38	15.8	2	4.3	106.5	0.83	<0.05	35.2	0.226	1.96
E845114		90	4.9	157	<0.002	0.01	0.27	10.4	2	2.4	125.5	0.49	<0.05	45.8	0.141	1.09
E845115		140	9.5	242	0.002	<0.01	0.45	16.8	1	3.8	134.5	0.64	<0.05	63.4	0.197	1.91
E845116		100	8.3	337	0.002	<0.01	0.54	26.9	2	6.2	146.5	1.1	<0.05	70.9	0.274	3.26
E845117		530	81.6	42.9	0.028	0.26	0.41	16.1	3	7.8	165.5	1.12	0.08	14.4	0.297	0.23
E845118		200	6.2	246	0.002	<0.01	0.45	21.1	1	4.2	125	0.72	<0.05	45.9	0.194	2.1
E845119		550	58	33	0.075	0.68	91.3	6.1	4	2.9	278	0.1	3.62	1.4	0.113	0.22
E845120		>10000	43.6	238	0.024	<0.01	0.99	14	32	3.7	321	0.77	<0.05	200	0.184	1.62
E845121		6590	22.4	250	0.011	0.01	0.77	16.7	16	3.7	128.5	0.77	<0.05	460	0.214	1.65
E845122		80	5.9	287	0.002	<0.01	0.63	21.3	1	4.5	134.5	0.81	<0.05	33.3	0.207	2.21
E845123		110	6.9	252	0.002	<0.01	0.46	22.6	1	5.3	128.5	0.97	<0.05	35.9	0.228	2.74
E845124		70	5.7	247	<0.002	<0.01	0.47	16.9	1	3.8	133	0.79	<0.05	29.3	0.197	2.04
E845125		250	3.5	116.5	<0.002	<0.01	0.57	13.2	1	4.2	68.2	0.48	<0.05	13.1	0.133	0.26
E845126		380	5.3	101.5	<0.002	<0.01	0.64	8.6	1	3.4	44	0.49	<0.05	22.3	0.165	0.23
E845127		550	2.3	227	<0.002	<0.01	0.41	15.6	1	4.6	15.4	0.31	0.1	21.4	0.208	0.51
E845128		490	2.1	163.5	<0.002	<0.01	0.55	10.9	1	2.4	10.3	0.21	0.05	14.1	0.135	0.29
E845129		470	1.9	214	<0.002	<0.01	0.42	14.8	1	4.7	14.9	0.29	0.12	17.9	0.157	0.38
E845130		450	1.8	215	<0.002	<0.01	0.45	11.9	1	3.2	13.3	0.32	<0.05	18.9	0.154	0.4
E845131		370	2	221	<0.002	<0.01	0.46	11.9	1	3.2	16.6	0.3	<0.05	17.8	0.149	0.4
E845132		390	1.6	216	<0.002	<0.01	0.44	13	1	3.8	16.3	0.39	<0.05	15.8	0.161	0.39
E845133		230	2.1	202	<0.002	<0.01	0.45	13.3	1	4.3	19.2	0.37	<0.05	17.4	0.141	0.36
E845134		180	2.4	132.5	<0.002	<0.01	0.52	9.1	1	3.5	33.1	0.18	<0.05	14.9	0.225	0.25
E845135		110	1.7	213	<0.002	<0.01	0.41	15.7	1	4.9	20.3	0.37	<0.05	16.2	0.171	0.37
E845136		60	2.7	71.5	<0.002	<0.01	0.38	5.8	1	2.4	30.2	0.09	<0.05	7.3	0.196	0.12
E845137		170	3.4	154.5	<0.002	<0.01	0.64	10.1	1	3.5	25.5	0.17	<0.05	13.1	0.165	0.3
E845138		490	2	217	<0.002	<0.01	0.4	13.1	1	4.6	15.9	0.3	0.11	18.2	0.171	0.41
E845139		430	2.3	228	<0.002	<0.01	0.42	13.7	1	4.7	15.7	0.36	0.07	19.5	0.189	0.44
E845140		20	1.3	0.6	<0.002	0.01	<0.05	0.2	1	<0.2	2.1	<0.05	<0.05	0.4	0.005	<0.02
E845141		450	2.3	198	<0.002	0.01	0.46	12.6	1	3.9	15.6	0.33	0.1	17.7	0.173	0.38
E845142		290	2.1	226	<0.002	<0.01	0.55	18.1	1	6	36.8	0.35	0.05	13.2	0.167	0.49
E845143		330	4.8	50.4	<0.002	0.01	0.7	3.1	1	1.4	74.7	0.33	<0.05	15	0.129	0.14
E845144		550	2.5	271	<0.002	0.03	0.67	17	1	5.2	15.4	0.4	0.08	19.6	0.158	0.58
E845145		570	4.3	263	<0.002	0.12	0.83	16	1	4.2	13.2	0.38	0.21	19.2	0.158	0.59
E845146		490	4.9	266	0.002	0.02	0.66	14.6	1	3.6	12.5	0.35	0.09	18.5	0.138	0.59
E845147		470	4	269	<0.002	0.01	0.71	15.9	1	3.5	13	0.31	0.27	18.9	0.152	0.63
E845148		530	2.1	256	<0.002	0.02	0.54	16	1	3.4	14	0.33	0.08	20	0.162	0.63
E845149		520	5.9	254	<0.002	0.01	0.57	15	2	2.8	12.3	0.26	0.09	19.4	0.165	0.61

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E845110		2.8	89	3.1	7.2	7	87.5			
E845111		3.3	65	4.5	5.9	9	93.8			
E845112		1	86	4.7	3.1	5	86.9			
E845113		2.2	87	4.3	6.2	7	117.5			
E845114		3.3	47	2.5	11.3	5	69			
E845115		6.8	79	3.8	8.4	7	103			
E845116		5.6	108	5.7	14	4	163.5			
E845117		225	184	7.6	18.5	115	133.5			
E845118		3.6	82	3.9	12.8	6	104			
E845119		2.6	59	15.4	10.7	105	24.3			
E845120		19.1	65	3.4	417	<2	48.4			
E845121		8.7	73	3.7	175	<2	70.1			
E845122		3.7	84	4.1	8	6	117.5			
E845123		4.6	98	4.6	7.3	5	157			
E845124		3.4	68	4	6.6	5	107			
E845125		2.7	41	7.2	9.1	9	88.4			
E845126		2.7	41	4.9	12.7	5	94.7			
E845127		3.2	62	7.6	14.4	4	102.5			
E845128		2.2	39	5.4	7.9	3	52.9			
E845129		1.9	52	5.8	8.3	2	64.3			
E845130		2.2	46	4.4	9	2	70.1			
E845131		1.9	48	3.9	8	2	64.5			
E845132		1.8	48	4.5	8.9	2	67.4			
E845133		2	45	4.6	8.7	3	72.9			
E845134		2.1	54	4.8	6.3	8	63.5			
E845135		1.9	59	5.8	6.1	3	65.8			
E845136		1.2	45	2.4	3.8	11	40.7			
E845137		1.4	51	3.5	5.3	12	44.3			
E845138		1.8	52	4.1	9.4	3	67.1			
E845139		2	47	5	10.6	3	77.7			
E845140		0.2	<1	0.1	1.9	3	25.5			
E845141		1.9	51	4.5	8.8	5	60.5			
E845142		2.2	64	6.1	8.2	6	72.3			
E845143		2.2	25	3.1	6.3	13	59			
E845144		2.8	70	6.1	11.9	12	91.4			
E845145		8.9	73	4.4	12.3	18	99.8			
E845146		4.5	63	4.8	12.7	16	113			
E845147		5.6	67	3.2	14.8	11	123.5			
E845148		3.9	73	2.9	14.8	6	110.5			
E845149		3.8	68	2.3	15.6	5	115			

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E845150		3.20	0.009		<0.01	9.66	<0.2	1610	4.54	0.53	0.09	<0.02	132	5.4	54	10.35
E845151		2.61	0.011		0.01	9.68	1	1620	3	0.08	0.12	<0.02	110.5	5.1	58	10.5
E845152		1.11	<0.005		0.01	10.9	<0.2	1480	4.03	0.02	0.11	<0.02	108	2.6	65	14.2
E845153		1.07	<0.005		0.02	11.05	0.5	1480	4.35	0.06	0.09	<0.02	130	3.8	62	16.2
E845154		0.51	0.005		0.08	10	0.8	1340	4.33	0.11	0.14	<0.02	113.5	4.8	62	15.9
E845155		1.23	<0.005		0.02	10.95	0.6	1540	4.78	0.07	0.1	<0.02	196.5	2.3	67	14.55
E845156		2.08	<0.005		0.01	10.9	<0.2	1550	4.46	0.06	0.12	<0.02	193.5	2.6	67	15.95
E845157		1.41	<0.005		0.02	10.5	1.3	1400	3.67	0.06	0.11	<0.02	169.5	4.1	61	13.15
E845158		1.23	<0.005		0.02	9.61	0.7	1290	2.94	0.05	0.11	<0.02	112	2.6	59	11.35
E845159		2.36	<0.005		<0.01	10.8	<0.2	1500	3.29	0.03	0.11	<0.02	99.3	2.6	66	15
E845160		0.18	<0.005		0.05	8.35	0.5	1160	1.99	0.09	0.05	<0.02	214	2	51	8.64
E845161		3.79	<0.005		0.01	10.2	0.8	1350	2.61	0.02	0.1	<0.02	101.5	2.7	62	10.75
E845162		1.99	<0.005		0.06	11.6	0.5	1590	3.34	0.05	0.09	<0.02	137	3.2	64	14.7
E845163		0.34	<0.005		0.07	11.1	0.7	1400	3.93	0.07	0.12	<0.02	109	3.4	63	18.4
E845164		0.51	<0.005		0.04	11.05	0.7	1460	4.57	0.06	0.11	<0.02	49	2	64	16.65
E845165		1.55	<0.005		0.03	9.61	0.9	1240	3.95	0.04	0.11	<0.02	34.9	3.1	55	14.2
E845166		3.02	<0.005		0.01	10.95	0.3	1390	3.21	0.02	0.09	<0.02	76.6	3.5	66	14.4
E845167		4.75	<0.005		0.01	10.5	1.1	1430	3.35	0.08	0.11	<0.02	155.5	7	64	15.35
E845168		2.89	0.006		<0.01	11.1	0.7	1650	3	0.03	0.06	<0.02	192	2.2	62	14.25
E847021		3.82	0.009		19.95	1.1	77.5	20	0.7	10.95	2.15	0.09	6.38	112.5	7	0.43
E847022		2.61	1.255	1.31	>100	0.44	260	20	0.37	658	0.88	2.43	4.75	60.2	3	0.49
E846469		1.03	0.068		1.64	6.67	40.4	850	0.44	1.9	5.85	0.04	152.5	59.6	38	1.46
E846470		0.48	0.049		0.94	8.57	10.8	740	1.36	1.28	0.85	<0.02	151.5	43.8	30	5.31
E846471		1.00	1.190	1.40	6.65	7.81	78.1	1460	3.08	29.7	0.37	<0.02	427	41.5	46	3.38
E846472		0.70	0.093		2.79	6.89	43.6	2880	1.7	6.56	2.45	0.21	140.5	17	46	1.87

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E845150		106.5	5.11	28.2	0.43	3.6	0.113	4.63	68.2	15.5	0.43	60	1.36	0.19	5.3	37.4
E845151		13.3	3.91	23.4	0.22	3.3	0.072	4.54	54.3	10.7	0.34	51	0.48	0.2	5.7	18.5
E845152		3.5	3.88	29.9	0.23	4.4	0.091	5.28	52.9	12.6	0.35	46	0.42	0.22	5.8	20.9
E845153		13.8	4.88	31.7	0.28	4.6	0.116	5.23	64.6	14.3	0.36	141	1.67	0.22	6.5	24.5
E845154		16.8	5.6	28.9	0.28	3.5	0.086	4.6	56.5	18.3	0.35	163	1.99	0.2	5	28.8
E845155		17.3	5.14	31	0.2	3.2	0.11	3.53	93.5	11.3	0.33	55	1.93	0.23	5.9	30.1
E845156		2.7	5.05	33	0.36	3.7	0.089	5.14	97.3	10.5	0.31	76	1.1	0.23	5.4	28.3
E845157		9.9	4.95	29.2	0.21	2.8	0.07	4.85	79.2	14.9	0.39	144	1.21	0.21	4.6	40.2
E845158		7.8	4.55	24	0.23	2.7	0.057	4.6	55.7	10.7	0.32	102	0.89	0.19	3.8	22.8
E845159		6.3	4.4	30.3	0.2	3.8	0.071	5.18	49	8.7	0.29	43	0.5	0.23	6.2	21.6
E845160		12	3.4	18.75	0.26	2.1	0.037	3.8	105.5	5.6	0.25	79	0.59	0.18	4.3	12.6
E845161		24.7	3.42	23.5	0.2	3	0.048	4.75	50.8	7.4	0.3	85	0.49	0.21	4.7	13.4
E845162		10.1	2.4	29.2	0.23	4.1	0.061	5.66	67.6	7.3	0.32	42	0.3	0.24	7.5	11.6
E845163		7.7	4.55	33.3	0.27	4.7	0.077	5.25	54.5	11.9	0.35	76	0.48	0.22	6.7	20.7
E845164		7.3	3.4	35.1	0.11	3.3	0.095	4.11	23.5	10.4	0.32	39	0.72	0.23	6.8	14.4
E845165		9.3	3.44	31.3	0.12	3.8	0.078	3.51	16.9	12.1	0.32	68	0.59	0.19	5.3	15.1
E845166		32.1	4.79	30.3	0.21	3.8	0.064	5.18	39.7	12.7	0.43	114	0.57	0.21	4.5	17.2
E845167		40.9	4.02	31.7	0.27	4	0.062	4.87	79.4	12.9	0.37	100	1.67	0.2	4.9	14.9
E845168		19.3	2.9	27.9	0.29	3.5	0.049	5.33	98.4	7.9	0.34	61	0.61	0.22	5.6	8.4
E847021		6000	12.15	3.67	0.12	0.4	1.29	0.24	3	6.3	8.92	6640	0.31	0.04	0.4	27.7
E847022		>10000	16.7	2.42	0.6	0.3	10.15	0.1	3.7	1.5	9.15	4930	0.2	0.03	0.3	32.6
E846469		393	6.02	14.15	0.3	3.1	0.07	6.27	90.9	15.2	3.55	1985	34.9	0.06	5.2	35
E846470		3590	7.21	41.7	0.32	7.3	0.07	5.81	86.5	48.9	5.61	577	13.45	0.03	6.8	106.5
E846471		451	4.84	41	0.64	3.5	0.109	5.76	227	64.1	0.82	180	51.4	0.06	9.5	60.4
E846472		302	7.19	16.75	0.43	3.5	0.062	6.24	81.6	33.3	1.42	1630	79.7	0.06	11.4	19.2

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 17-OCT-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E845150		420	4.4	289	<0.002	<0.01	0.62	15.9	2	4.1	14.5	0.32	0.37	21.8	0.165	0.79
E845151		620	2.5	301	0.002	0.01	0.63	11	1	3.3	14.6	0.39	0.06	17.9	0.152	0.82
E845152		570	2	352	0.002	<0.01	0.7	12	1	4.1	17.2	0.41	<0.05	19.2	0.177	1.08
E845153		450	2.5	367	0.002	<0.01	1.04	14.2	1	4.3	20.1	0.46	0.05	21.8	0.165	1.34
E845154		600	3.7	328	0.002	<0.01	1.08	14	1	3.9	18.6	0.34	0.08	18.6	0.14	1.17
E845155		530	2.5	269	<0.002	<0.01	0.69	17.2	2	3.7	22	0.45	<0.05	23.7	0.171	1.34
E845156		530	1.9	365	0.002	<0.01	0.57	15	1	4.6	22.2	0.4	0.05	20.5	0.16	1.36
E845157		540	3.1	336	<0.002	<0.01	0.72	15.2	<1	4.2	21.3	0.38	0.06	18.9	0.15	1.3
E845158		460	1.6	295	<0.002	<0.01	0.5	10.7	1	3.4	16.3	0.28	<0.05	13.3	0.138	1.04
E845159		520	1.7	361	0.004	<0.01	0.86	15.3	1	4.6	21.3	0.47	<0.05	20.2	0.184	1.45
E845160		190	2.6	245	<0.002	<0.01	2.21	8.8	1	3.1	14.3	0.33	0.05	50.6	0.143	0.82
E845161		480	1.9	307	<0.002	<0.01	0.6	10.3	1	3.7	15	0.35	<0.05	15.1	0.197	1.05
E845162		490	2	393	0.002	<0.01	0.7	13.1	1	4.7	18.8	0.56	0.06	19.2	0.212	1.38
E845163		590	2	382	0.003	<0.01	0.79	15.3	2	5	21.8	0.44	0.06	20.4	0.208	1.6
E845164		490	2.5	308	<0.002	<0.01	0.74	19.8	2	4.5	23.6	0.53	<0.05	22.3	0.207	1.73
E845165		490	3.1	268	<0.002	<0.01	0.6	16.9	1	4.1	22.7	0.37	<0.05	21.2	0.174	1.51
E845166		440	2.3	357	0.002	<0.01	0.76	13.9	1	5.3	18.5	0.3	<0.05	18	0.206	1.4
E845167		560	2.9	350	0.003	0.01	0.93	14.3	2	5.6	22.9	0.35	0.06	19.2	0.191	1.52
E845168		360	2.3	359	<0.002	<0.01	0.62	12.5	1	5	21.5	0.42	<0.05	16.6	0.2	1.37
E847021		80	13	9.8	<0.002	0.84	346	3.9	2	1.5	11.2	<0.05	<0.05	2.1	0.016	0.04
E847022		40	105.5	8	0.025	6.72	>10000	3.5	12	27.5	7.5	<0.05	0.16	0.9	0.007	0.09
E846469		1060	16.7	91.6	0.019	3.32	37.2	12.3	4	2.6	43.6	0.37	0.41	16	0.113	2.94
E846470		2000	3.5	86.7	0.051	0.58	21	14.8	4	6	10	0.53	0.2	6.9	0.409	1.39
E846471		840	107	215	0.007	0.06	108.5	20.9	17	4.6	15.2	0.72	0.78	23.9	0.215	0.59
E846472		830	68.3	160	0.005	0.07	22.8	10.8	10	4.5	41.1	0.94	0.37	21.7	0.248	0.96

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS TR07091753

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E845150		3.5	75	4.7	16.2	5	105.5			
E845151		2.5	75	3.7	11.9	4	87.3			
E845152		2.7	85	5.3	14.2	5	112.5			
E845153		3.3	84	4.9	14.6	5	110.5			
E845154		3.2	78	3.2	14	9	86.5			
E845155		3.2	80	3.1	13.3	5	98.9			
E845156		2.8	86	3.5	12.6	4	90.7			
E845157		2.8	80	2.8	12.4	10	87.9			
E845158		1.8	77	2.6	9.3	7	67.3			
E845159		3	86	3.3	11.2	3	93.8			
E845160		4.8	63	2.8	8	8	53.1			
E845161		2.5	78	2.9	8.1	7	75.5			
E845162		2.9	86	4	10.1	5	97.9			
E845163		3.7	85	3.7	12.5	6	110.5			
E845164		4.7	84	2.4	10.8	5	94			
E845165		4.9	73	3.4	10	8	108			
E845166		2.6	90	5	8.5	12	88.2			
E845167		3.3	85	5.9	9.8	10	97.4			
E845168		2.2	88	4.8	8.3	6	86.3			
E847021		0.7	11	0.3	4.3	34	13.2			
E847022		0.1	2	0.2	2.7	1115	6.6	9.38	749	
E846469		9	88	7.4	18.7	15	79.8			
E846470		27.6	422	8.9	16.5	37	212			
E846471		1440	56	14.1	84.4	14	81.2			0.16
E846472		249	65	53	65.2	48	83			

Comments: Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE TR07093493

Project: Werneckes

P.O. No.: FRG07-01

This report is for 20 Rock samples submitted to our lab in Terrace, BC, Canada on 27-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07093493

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E846316		0.86	0.005		0.14	7.50	22.2	30	0.66	0.41	0.35	<0.02	55.80	6.4	39	0.19
E846317		0.92	2.94	3.19	0.32	5.33	9.8	30	0.34	0.45	4.92	0.03	37.30	9.1	16	0.31
E846318		0.90	0.034		0.20	2.90	86	40	0.47	0.95	11.60	0.06	460.00	85.5	16	0.48
E846319		0.92	0.012		0.08	4.41	10.6	30	0.42	0.21	9.65	0.03	107.50	13.6	12	0.48
E846320		0.98	0.012		0.19	0.32	<5	50	0.20	0.27	17.70	0.05	29.50	11.1	4	0.79
E846321		0.98	0.143		0.07	0.05	90	30	0.08	0.13	18.70	0.05	5.43	18.9	2	0.76
E846322		0.89	<0.005		0.06	8.02	18.8	20	0.47	0.25	3.59	<0.02	229.00	41.1	30	0.20
E846323		1.12	0.006		0.08	8.45	92.9	20	0.68	1.27	0.76	0.02	18.90	131.5	27	0.24
E846324		0.87	<0.005		0.04	8.36	44.2	20	0.53	0.29	0.90	<0.02	18.70	65.0	24	0.17
E846325		0.91	<0.005		0.06	7.17	101.5	20	0.40	1.41	0.68	<0.02	205.00	272.0	29	0.15
E846326		1.07	<0.005		0.41	7.69	105.0	20	0.44	1.56	0.39	<0.02	37.00	82.4	31	0.17
E846327		1.23	<0.005		0.25	7.75	219.0	30	0.36	1.52	1.39	0.02	276.00	340.0	46	0.22
E846328		1.07	<0.005		0.09	5.13	13.9	20	0.23	0.18	7.28	0.02	237.00	38.7	24	0.25
E846329		1.47	<0.005		0.04	5.05	8.5	20	0.21	0.13	6.87	<0.02	42.50	35.4	24	0.24
E846330		1.01	<0.005		0.05	7.15	10.9	20	0.32	0.12	4.54	<0.02	326.00	21.9	31	0.25
E846331		1.06	0.020		0.12	7.49	216.0	20	0.31	2.36	0.45	<0.02	85.60	472.0	33	0.17
E846332		0.81	<0.005		0.03	7.60	22.5	20	0.43	0.43	0.78	<0.02	71.50	38.3	36	0.18
E846334		1.14	0.017		0.20	1.35	56.7	20	0.16	4.42	5.46	<0.02	8.18	108.5	12	0.40
E846335		0.98	0.017		0.23	1.38	59.6	20	0.16	4.95	5.36	0.19	8.58	117.0	13	0.45
E846336		1.11	0.044		0.42	3.03	39.4	30	0.57	0.68	5.47	0.24	18.30	34.9	9	0.67

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07093493

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846316		36.7	0.57	16.85	0.09	6.0	0.010	0.17	30.5	4.6	0.15	272	3.59	5.61	10.8	6.1
E846317		846.0	2.49	10.15	0.11	3.4	0.063	0.12	21.3	6.0	1.79	2870	3.40	3.59	4.0	5.2
E846318		722.0	6.28	9.38	0.34	0.8	0.084	0.12	302.0	2.6	3.81	6870	15.05	1.93	5.2	20.5
E846319		183.0	4.70	9.08	0.12	1.4	0.055	0.14	61.7	2.4	3.50	5660	10.85	3.03	3.3	3.8
E846320		1030.0	8.31	1.36	0.12	<0.1	0.105	0.12	16.1	3.7	7.19	10050	2.94	0.06	0.2	8.5
E846321		126.0	8.47	0.46	0.11	<0.1	0.052	0.03	2.2	2.2	7.77	9430	2.58	0.05	0.1	13.3
E846322		12.7	2.01	18.95	0.20	1.7	0.021	0.13	124.5	2.0	1.30	1910	1.50	5.88	6.2	14.0
E846323		15.5	2.87	21.60	0.10	1.9	0.011	0.18	9.2	1.7	0.14	373	4.44	6.39	5.5	11.8
E846324		23.1	1.46	21.90	0.08	2.4	0.011	0.11	11.4	1.0	0.20	881	3.21	6.64	6.9	10.3
E846325		32.5	4.08	16.45	0.22	1.5	0.009	0.09	110.5	0.7	0.11	706	3.11	5.38	5.1	37.8
E846326		49.9	2.55	20.90	0.12	1.7	0.005	0.10	19.8	0.6	0.11	349	7.12	6.67	6.8	15.9
E846327		336.0	5.24	19.30	0.30	1.4	0.018	0.13	148.5	1.0	0.36	717	1.32	6.10	5.5	71.6
E846328		71.5	3.31	12.00	0.24	1.8	0.020	0.09	133.5	1.7	2.63	3600	1.54	3.77	5.9	11.3
E846329		25.4	4.65	9.86	0.11	1.4	0.032	0.06	23.8	2.1	2.49	4760	0.73	3.66	4.3	8.8
E846330		14.9	2.24	16.65	0.28	1.6	0.019	0.16	178.5	1.7	1.39	2390	0.73	5.61	5.8	4.4
E846331		61.5	5.59	19.00	0.17	1.5	<0.005	0.13	43.4	0.9	0.09	482	1.35	6.24	5.4	66.4
E846332		26.3	1.12	20.40	0.14	1.6	0.017	0.15	38.9	1.0	0.16	524	1.22	6.76	6.4	9.2
E846334		47.3	5.58	2.26	0.10	0.8	0.060	0.17	3.8	3.8	1.48	4030	2.80	0.70	0.8	29.9
E846335		48.1	5.76	2.34	0.09	0.9	0.067	0.18	3.9	4.3	1.47	3990	3.11	0.71	0.9	33.2
E846336		3710.0	5.11	5.71	0.08	2.0	0.145	0.29	9.3	34.8	2.61	4100	2.76	1.12	1.9	19.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07093493

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846316		1160	2.7	7.2	0.002	0.04	1.03	2.2	2	0.8	28.6	0.85	<0.05	15.9	0.251	0.47
E846317		650	3.6	4.8	<0.002	0.14	0.74	5.2	1	0.4	31.5	0.33	<0.05	8.5	0.088	0.41
E846318		890	7.5	6.5	0.002	1.48	1.33	7.9	3	0.8	61.6	0.19	0.11	10.4	0.048	0.61
E846319		220	4.6	7.3	<0.002	0.10	0.52	10.1	2	0.7	61.5	0.26	<0.05	7.0	0.068	0.63
E846320		30	7.0	7.7	<0.002	0.20	0.49	12.1	2	0.4	98.9	<0.05	<0.05	0.6	<0.005	0.74
E846321		10	4.9	2.0	<0.002	0.29	0.45	10.3	2	<0.2	90.9	<0.05	<0.05	<0.2	<0.005	0.32
E846322		1860	2.7	4.0	<0.002	0.58	0.56	4.4	2	1.8	30.1	0.42	0.07	13.7	0.122	0.27
E846323		2410	3.9	5.8	0.002	1.94	0.77	2.7	3	2.7	23.0	0.37	0.16	8.1	0.128	0.27
E846324		1400	3.3	3.4	<0.002	0.81	1.05	3.1	2	2.4	18.5	0.54	<0.05	16.5	0.179	0.31
E846325		730	3.1	2.7	<0.002	3.41	0.80	2.9	3	2.0	14.1	0.38	0.14	15.1	0.113	0.26
E846326		460	5.8	5.1	0.002	1.06	0.99	2.6	3	2.0	18.0	0.48	0.21	6.0	0.169	0.37
E846327		1270	4.2	5.1	<0.002	5.59	0.97	3.2	3	2.7	20.5	0.38	0.11	17.7	0.142	0.44
E846328		1240	3.8	3.9	<0.002	0.47	0.84	7.7	1	2.6	43.4	0.38	0.05	13.9	0.125	0.47
E846329		790	2.8	2.7	<0.002	0.60	0.54	8.4	1	1.2	44.1	0.29	<0.05	12.7	0.083	0.30
E846330		1230	4.6	4.4	<0.002	0.34	0.69	4.5	1	1.8	33.5	0.42	<0.05	17.9	0.144	0.32
E846331		610	3.3	3.4	<0.002	5.80	0.88	1.9	3	1.8	14.6	0.42	0.23	10.5	0.129	0.46
E846332		990	2.9	5.2	<0.002	0.55	0.75	2.9	1	2.1	16.8	0.48	<0.05	17.7	0.152	0.55
E846334		230	9.3	8.2	<0.002	2.55	0.67	2.9	1	0.2	24.8	0.05	0.21	2.2	0.012	1.91
E846335		230	14.6	8.6	<0.002	2.76	0.77	3.0	1	0.2	25.7	0.06	0.25	2.4	0.014	2.15
E846336		400	9.1	15.1	<0.002	0.83	0.74	2.7	1	0.8	32.3	0.14	<0.05	4.3	0.034	1.42

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS TR07093493

Sample Description	Method / Analyte / Units / LOR	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
E846316		8.2	59	54.9	17.4	4	150.5
E846317		7.5	40	26.9	12.2	7	89.6
E846318		4.6	73	14.4	14.6	16	28.4
E846319		3.2	55	20.6	15.2	8	41.7
E846320		0.6	32	1.3	13.5	15	2.3
E846321		0.4	24	0.4	10.9	14	0.7
E846322		1.5	64	29.4	11.5	<2	51.7
E846323		3.4	70	28.8	7.0	<2	54.9
E846324		4.1	56	38.2	6.6	<2	67.0
E846325		1.7	51	24.1	5.4	<2	44.1
E846326		1.4	53	34.3	2.9	5	56.2
E846327		1.9	55	28.3	7.7	5	47.5
E846328		2.5	56	21.4	12.1	6	59.9
E846329		2.7	41	12.6	7.1	5	43.2
E846330		4.4	63	31.7	9.6	6	50.5
E846331		1.8	56	25.6	5.2	3	48.7
E846332		2.2	64	30.8	5.4	4	55.4
E846334		2.8	21	1.6	8.4	8	28.1
E846335		3.2	22	1.9	8.7	19	29.6
E846336		4.0	21	6.3	10.3	30	70.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

CERTIFICATE TR07093495

Project: Werneckes-E

P.O. No.: FRG07-01

This report is for 58 Rock samples submitted to our lab in Terrace, BC, Canada on 27-AUG-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 25-OCT-2007
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Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1
E846422		1.22	>10.0		18.15	23.9	6.41	50.95	2770	2.85	347	0.25	0.02	61.3	104	34
E846423		1.33	4.27		4.21	1.62	5.77	32.6	1540	2.87	12.95	0.44	<0.02	33.6	30.5	35
E846424		1.38	>10.0		15.65	2.32	7.01	38.6	4350	2.46	10.35	1.03	<0.02	97.6	54.7	52
E846425		0.85	0.079			0.27	7.07	5.3	9290	1.85	1.18	2.98	<0.02	200	12.4	48
E846426		1.42	>10.0		9.87	>100	3.54	39.8	360	2.51	585	0.12	0.02	74.5	4.6	24
E846427		1.11	1.255		1.39	17.65	8.28	22.3	550	7.56	7.98	0.18	<0.02	44.5	10.2	60
E846428		1.76	0.047			1.14	1.06	24.9	4190	0.44	3.26	0.16	<0.02	125.5	2.7	21
E846429		2.04	0.011			0.86	0.94	20.9	2880	0.57	0.88	0.17	<0.02	41.6	3.5	24
E846430		1.23	0.082			1.29	6.42	31.2	6140	2.05	7.96	2.55	<0.02	298	33.3	27
E846431		1.16	0.006			0.07	7.55	7.9	1090	3.32	0.25	4.19	<0.02	19.95	14.2	38
E846432		1.46	0.018			0.09	7.6	12.9	1130	3	0.28	3.31	<0.02	19.65	14.3	33
E846433		1.17	0.096			1.23	6.86	28.5	1520	0.48	1.76	5.35	<0.02	73.9	43.6	19
E846434		1.11	0.229			0.13	9	27.4	460	6.12	0.29	0.06	<0.02	20.7	5.1	24
E846435		1.11	0.123			0.26	5.4	14.8	390	3.18	0.4	4.57	<0.02	15.25	19.8	30
E846436		1.08	0.051			0.1	8.01	12.2	950	3.62	0.26	3.59	0.02	23.2	18.3	44
E846437		0.97	1.120		1.14	3.11	6.61	64.1	1740	2.14	10.05	3.15	0.06	371	237	41
E846438		1.48	0.431			0.67	6.5	23	740	4.45	0.98	1.94	<0.02	22.9	20.8	38
E846439		1.43	0.075			1.36	2.56	13.7	670	0.28	1.93	0.17	<0.02	294	21	18
E846440		1.42	0.242			0.27	7.03	30.3	560	3.98	0.41	1.99	0.06	21.8	22	44
E847154		0.76	<0.005	0.007		0.13	7.62	75.6	1890	3.6	1.37	0.33	<0.02	>500	27.2	43
E847155		7.45	0.232			2.31	7.16	110	670	2.02	3.78	0.35	<0.02	414	444	35
E847156		3.29	0.307			1.35	7.14	2270	880	2.12	1.76	0.33	<0.02	357	1275	32
E847157		2.15	0.298			2.13	6.28	304	740	1.95	6.11	0.18	<0.02	357	264	37
E847158		2.39	0.208			3.58	7.14	157.5	750	1.87	4.67	0.16	<0.02	286	240	40
E847159		2.73	0.247			2.18	7.13	2630	900	1.89	3.64	0.22	<0.02	393	1175	35
E847160		1.91	0.328			2.75	7.3	1750	680	1.78	4.45	0.24	<0.02	334	395	41
E847161		2.43	0.235			2.28	6.89	198	640	1.81	3.58	0.58	0.08	320	324	40
E847162		1.83	0.274			2.83	7.24	152.5	420	2.16	4.1	0.23	0.04	492	174.5	48
E847163		1.41	0.075			1.72	8.22	1510	900	1.58	2.34	0.36	0.04	361	616	42
E847164		2.00	0.097			0.78	8.39	26.8	420	1.74	1.63	0.31	0.03	257	95	46
E847165		1.05	0.261			1.82	5.97	22.9	750	0.67	7.9	4.56	0.12	172.5	422	30
E847166		1.43	0.026			0.06	7.6	4.5	1120	1.34	0.79	2.74	<0.02	98.7	32.7	46
E846337		0.71	0.034			0.24	3.87	78	20	0.31	7.23	5.99	0.02	20.3	124	7
E846338		1.14	0.014			0.19	1	23	20	0.18	1.75	12.3	0.03	22.2	54.5	3
E846339		1.35	0.021			0.16	6.37	157	40	1.04	1.63	2.48	0.02	101	109.5	41
E846340		1.14	0.005			0.06	9.95	8.9	1810	3.44	0.13	6.46	<0.02	110.5	20.1	44
E846343		1.05	0.011			0.05	8.72	5.5	7880	2.9	1.37	1.11	<0.02	98.6	18.6	50
E846344		1.05	<0.005	0.006		0.05	6.32	5.8	2840	1.56	0.3	4.39	<0.02	84.5	47.8	43
E846345		1.02	<0.005	<0.005		0.36	7.48	11.8	1220	2.53	0.25	4.5	0.04	85.1	30.1	45
E846441		1.52	1.455		1.75	1.3	8.22	14.5	850	3.83	1.39	0.62	<0.02	46	17.3	51

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
E846422		3.6	590	6.42	40.9	1.2	2.6	0.081	5.35	16	48.5	0.6	45	42.3	0.05	10.3
E846423		2.2	303	7.22	40.6	0.41	2.8	0.086	5.12	9.9	45.3	0.64	381	26.3	0.05	7.8
E846424		1.97	523	6	32.3	0.48	3.3	0.088	7.11	47	41.9	0.87	540	27.3	0.07	7.7
E846425		1.96	148.5	5.23	24.6	0.4	3	0.268	6.36	120.5	29.3	1.68	1630	15.45	0.08	3.9
E846426		1.47	107	14.6	27.4	6.4	1.3	0.033	2.2	48.9	20.2	0.36	37	3210	0.02	5.9
E846427		3.52	36.6	8.11	64.1	0.64	3.4	0.123	5.34	17.7	83.1	0.86	33	79.7	0.04	9.8
E846428		0.43	7.9	27.9	2.63	0.56	0.8	0.008	0.61	136.5	4.7	0.1	46	62.3	0.02	6.4
E846429		0.36	15.2	28.4	3.58	0.47	1.1	0.012	0.8	35.5	6	0.1	165	36.6	0.01	6
E846430		0.81	57.5	3.96	21.2	0.51	5.6	0.399	6.39	160.5	43.8	3.8	2020	5.01	0.08	7.2
E846431		3.43	29.5	3.11	51.6	0.21	3.3	0.165	6.76	11	101.5	3.22	1445	3.04	0.06	5.9
E846432		2.86	89	2.65	50.8	0.23	3.1	0.172	7.05	10.7	89.5	2.56	1265	5.78	0.08	6.8
E846433		0.8	46.2	2.53	9.6	0.23	3.3	0.063	6.24	45.2	5.9	2.53	1985	12.95	0.08	6.3
E846434		5.85	22.6	3.25	35	0.24	11.5	0.177	6.88	7	43.2	1.66	51	6.89	0.04	16.6
E846435		3.46	1530	3.6	50.3	0.19	2.4	0.19	3.65	7.9	93.6	3.35	1925	10.55	0.04	5.1
E846436		3.47	183	2.7	57.8	0.23	3.6	0.15	6.95	12.2	112.5	2.96	1170	2.47	0.07	8.3
E846437		2.66	71.1	3.16	22.6	0.28	2.6	0.148	6.03	219	50.2	2.5	1780	331	0.06	9.6
E846438		3.98	1860	3.02	67.4	0.25	3.4	0.284	4.72	7.8	144.5	2.3	1080	48.5	0.05	8.7
E846439		3.78	1010	26.5	10.65	0.58	1.3	0.094	3.46	220	245	1.91	76	15.5	0.03	17.4
E846440		4.3	2630	2.92	59.9	0.19	3	0.247	4.96	8.6	120.5	2.26	1000	7.95	0.05	9.7
E847154		3.13	175	1.04	30.1	1.12	4.9	0.056	5.98	419	33.6	0.71	25	2.61	0.04	10.6
E847155		5.47	7330	4.49	21.7	0.53	2.6	0.622	4.21	240	79.1	1.29	680	29.5	1.78	3.3
E847156		3.7	2590	2.19	19.2	0.44	3.4	0.334	3.98	203	56	0.84	540	13.95	1.99	3.6
E847157		5.41	2860	5.38	21.3	0.5	2.5	0.557	4.2	205	69.1	1.17	235	42.7	1.09	1.9
E847158		5.22	4720	4.76	19.9	0.43	2.6	1.005	4.17	164.5	79.2	1.22	133	44.2	1.94	2
E847159		4.7	3330	3.54	21.5	0.51	3.3	0.61	4.66	226	75.3	1.14	335	36.5	1.65	2.8
E847160		5.94	4740	4.71	22.8	0.45	3.1	0.913	4.06	194	104.5	1.55	732	41.6	2.22	3.8
E847161		5.95	8990	5.12	25	0.43	2.9	0.667	4.26	186	115	1.91	1575	29.4	1.52	2.6
E847162		6.97	6190	5.09	27.6	0.62	3.1	0.827	3.33	273	130.5	1.86	747	36	2.54	4.2
E847163		2.83	7110	2.88	21.5	0.37	3.1	0.398	4.5	195.5	49.7	0.93	891	17.65	2.89	5.9
E847164		1.53	3330	2.08	18.8	0.29	3.2	0.225	2.07	142.5	18.8	0.46	674	18.25	4.82	7.9
E847165		1.01	>10000	9.79	15.55	0.38	1	0.52	4.47	96.9	30.4	1.83	6480	412	0.2	6.5
E847166		1.56	32.6	10.05	21.3	0.26	1	0.08	5.83	57.4	40	1.33	4660	6.18	0.24	9.2
E846337		0.36	838	6.6	5.84	0.15	3.4	0.093	0.21	9.6	6.9	1.98	4290	6.42	2.53	4.8
E846338		0.5	34.4	5.69	1.95	0.11	0.4	0.084	0.12	11.1	3.1	5.31	6900	3.44	0.57	0.9
E846339		2.76	80.3	8.05	13.15	0.22	1.6	0.028	1.27	54.1	82.6	4.84	1590	1.7	0.03	5.9
E846340		1.83	21.3	3.37	31.1	0.21	2.8	0.36	5.41	52.4	18.8	3.89	3850	1.3	0.06	8.9
E846343		2.1	29.8	2.84	22.5	0.21	2.9	0.182	6.1	51.2	32.3	0.53	2520	4.95	1.03	8.8
E846344		1.53	15.6	9.53	17.75	0.26	1.9	0.073	2.77	46.8	31.4	1.44	6710	4.57	2.64	3.3
E846345		1.99	26.3	4.63	19.25	0.23	2.4	0.165	2.55	46.1	28.4	1.09	6410	3.33	2.06	6.8
E846441		4.45	1290	3.17	59	0.2	3	0.26	5.55	21.2	101	1.87	449	72.7	0.06	9.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
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Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
E846422		82.8	1130	697	261	0.218	0.59	25.6	11.2	248	4.7	50.2	0.89	11.5	11	0.214
E846423		45.4	710	105.5	241	0.005	0.05	14.3	12.7	8	3.3	23.7	0.83	0.14	12.8	0.226
E846424		60.3	860	104	244	0.007	0.18	10.45	16.3	23	3.4	59.5	0.76	0.56	16.3	0.235
E846425		46.8	840	9.2	186	<0.002	0.24	2.58	15.2	3	3.6	171.5	0.36	0.21	16.5	0.143
E846426		13.6	330	4320	145	0.169	0.02	7.25	9.9	>1000	7	6.7	0.32	79.4	16.3	0.13
E846427		37.2	780	97.8	328	0.019	0.01	14.5	22.2	87	6.5	5.2	0.87	7.16	50.3	0.278
E846428		6.1	730	17.9	33.5	0.002	0.12	6.74	1.8	10	9.7	182.5	0.28	1.42	5.2	0.115
E846429		9.5	790	3.8	32.3	<0.002	0.1	5.87	3.3	4	9.9	425	0.19	1.54	3.9	0.121
E846430		43.2	830	680	186.5	0.003	0.06	11.35	35.2	7	2.6	83.5	0.58	0.91	11.5	0.754
E846431		30.5	710	44.4	434	0.003	0.01	4.44	35	3	7.9	24.8	0.59	0.08	17.4	0.218
E846432		24.7	820	98.8	402	0.002	0.03	4	86.3	3	6.9	20.2	0.66	0.08	20.1	0.211
E846433		10.1	600	72.8	129.5	0.002	0.02	6.78	12.4	4	1.7	31.1	0.66	0.75	48	0.166
E846434		24	320	10.2	173.5	0.003	0.03	3.63	15.3	3	5.1	9.1	2.66	0.08	39.6	0.174
E846435		34.2	680	102	369	<0.002	0.16	3.05	38.7	4	4.8	17.1	0.48	0.11	10	0.186
E846436		35	880	118	460	<0.002	0.03	3.14	32.2	3	6.2	19.5	0.81	<0.05	20.8	0.249
E846437		27.1	620	598	237	0.021	0.38	27.3	18.2	15	2.7	24.6	0.83	4.27	27.3	0.247
E846438		41.7	740	371	450	0.008	0.18	11.5	65	7	6.5	16.2	0.83	0.56	19.4	0.24
E846439		12.9	1200	8.1	173.5	0.002	0.37	5.27	2.9	6	23.5	240	0.4	1.89	5.9	0.108
E846440		41.6	770	366	460	0.002	0.22	17.95	60.3	7	5.4	14	0.83	0.16	18.4	0.26
E847154		6.4	2750	11.9	191	0.002	0.1	3.35	16.8	3	2.8	27.7	0.82	0.09	17.6	0.271
E847155		43.4	980	5.1	242	<0.002	1.8	2.02	11.9	4	1	14.2	0.24	0.87	15.2	0.112
E847156		69.7	860	3.5	204	<0.002	0.38	1.48	9.2	3	0.8	17	0.26	0.59	16.7	0.092
E847157		34.6	950	4	228	<0.002	1.19	2.2	12.6	4	1.2	11.6	0.13	1.22	13.9	0.076
E847158		28.2	980	3.8	247	0.002	1.22	2.11	10.9	4	1.1	13.8	0.15	0.86	14.6	0.088
E847159		49.5	830	3.9	236	<0.002	0.66	1.68	10.5	3	1	14.8	0.21	0.86	16.2	0.09
E847160		41.2	820	4.2	253	<0.002	0.75	1.61	12.5	3	1.1	15.4	0.28	0.93	14.5	0.126
E847161		55.5	640	3.9	257	<0.002	1.31	1.78	14.4	4	1	13.8	0.21	0.79	14.7	0.105
E847162		48.4	690	4	262	<0.002	0.87	1.8	16.2	5	1.2	17.5	0.31	1.14	15.3	0.141
E847163		48.3	530	4.8	205	0.002	0.75	1.23	9.3	2	1	21.4	0.35	0.77	16.8	0.145
E847164		19.8	630	2.7	93.3	<0.002	0.47	1.07	8.9	2	0.8	27.8	0.48	0.35	14.2	0.188
E847165		76.5	800	4.5	135	0.027	3.2	1.21	15.9	23	1.9	21.5	0.45	1.96	12.8	0.139
E847166		29.8	810	2.1	173	0.003	0.28	1.35	11.7	2	2.6	20.1	0.6	0.27	14.6	0.25
E846337		36	600	6.3	9.4	<0.002	3.54	0.95	3.4	2	0.5	26.8	0.27	0.33	7.2	0.076
E846338		13.7	120	4.8	5.7	<0.002	1.25	0.71	1.9	1	0.2	46.9	<0.05	0.12	1.8	0.014
E846339		102	740	3.3	47.8	<0.002	2.1	1.97	10.9	1	0.9	6.9	0.45	0.1	15.7	0.185
E846340		21.6	920	1.6	180.5	0.004	0.19	1.08	14.9	1	6.2	16.1	0.68	<0.05	14.3	0.281
E846343		16	810	1.9	213	0.003	0.1	1.91	11.2	1	4.5	62.3	0.74	0.65	16.7	0.225
E846344		24.9	660	1.8	134	0.003	0.45	1.29	12.2	1	3.3	110.5	0.26	0.05	13.6	0.112
E846345		22	840	1.3	159	<0.002	0.14	1.52	11.2	1	4.5	30.8	0.49	<0.05	15.5	0.21
E846441		40.3	940	251	500	0.003	0.1	13.95	48.7	4	5.9	11.8	0.62	0.63	26	0.267

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	Tl	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E846422		0.68	8890	110	16.5	188	20	69.3			1.01
E846423		0.52	1450	85	14.3	95.8	10	72.6			0.16
E846424		0.51	2070	85	13.2	98.8	28	85.3			0.22
E846425		0.38	19.4	67	6.2	17	6	83.4			
E846426		0.45	249	63	14.2	9.6	2	41.5		258	
E846427		1.13	820	94	33.7	50	4	90.5			
E846428		0.06	7.8	56	15.5	4.4	2	21.2			
E846429		0.08	6.5	69	18.7	4.3	3	28.6			
E846430		0.29	2700	289	4.2	90.5	24	163.5			0.30
E846431		0.51	400	96	9.9	45.4	9	90.4			
E846432		0.49	304	121	10.3	50.6	16	86			
E846433		0.4	50.4	16	4.2	38	12	90.7			
E846434		0.99	118.5	26	1.6	25.3	41	260			
E846435		0.39	520	78	6.9	35.7	3	65.8			
E846436		0.51	610	76	14	49	7	99.1			
E846437		1.16	2600	83	7	235	10	73.3			0.28
E846438		0.6	2110	97	9	128	5	87.3			0.23
E846439		0.46	18.9	48	16.4	9.8	9	38.1			
E846440		0.49	2190	86	7.7	81.2	12	83.6			0.21
E847154		0.64	316	65	4.4	28.4	9	152			
E847155		0.67	30.5	94	2	13.5	9	76.8			
E847156		0.53	27.2	68	2.1	14.9	6	98.9			
E847157		0.59	14.5	89	1.5	11.4	8	73.9			
E847158		0.64	18.8	86	1.7	11.7	8	74.4			
E847159		0.62	22.7	79	1.7	13.9	9	94.3			
E847160		0.65	22.9	92	1.8	12.7	10	89.9			
E847161		0.66	27.6	99	1.5	13.8	17	84.2			
E847162		0.63	31.1	123	2	15.3	13	95.4			
E847163		0.41	23.8	97	2.4	16.3	13	102.5			
E847164		0.21	10.3	96	3.3	16	4	107.5			
E847165		0.3	36	52	3.7	22.5	19	30	1.135		
E847166		0.34	5.9	91	3.9	12.4	21	35.7			
E846337		2.33	5.9	25	7.3	15.3	6	123			
E846338		0.82	2.4	47	3.1	6.5	11	15.6			
E846339		2.45	4.5	70	5.8	6.6	30	56.8			
E846340		4.97	3.5	111	8.7	13.3	4	92.4			
E846343		18.45	6.5	80	6.9	15	3	96.6			
E846344		13.4	5.1	69	7.7	11.7	7	62.9			
E846345		8	4.8	73	6.8	12.9	5	78.7			
E846441		0.68	2000	123	6.7	84.9	11	94.6			0.20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1
E846442		0.86	0.017			0.09	7.72	12.3	1050	2.39	0.12	1.28	<0.02	37.3	16.9	53
E846443		1.28	0.046			0.39	4.95	2530	300	1.51	1.59	9.12	0.02	11.1	1890	20
E846444		1.45	0.010			0.69	4.38	7.1	200	1.19	1.41	1.18	20.4	49	23.4	37
E846445		1.86	0.400			3.01	6.86	33.9	3680	3.69	11.55	4.63	0.06	212	55	19
E847023		2.59	0.010			0.11	5.43	18.3	460	0.45	1.36	3.93	0.03	24.4	169	26
E847024		2.87	0.011			0.06	6.2	163	400	1.04	1.67	4.66	0.04	9.11	110.5	29
E846473		0.90	0.007			0.06	7.49	5.6	780	2.24	0.26	3	0.02	112.5	20.1	46
E846474		0.70	0.049			0.23	6.88	9.3	310	3.59	2.29	0.14	<0.02	77.3	8.9	47
E846475		0.78	1.045		2.06	6.94	6.42	146	230	2.41	58.2	0.11	<0.02	68.5	29.2	53
E839527		0.71	0.010			0.09	4.42	16.4	6860	1.07	0.61	0.61	<0.02	490	15	25
E839528		0.91	0.009			0.77	9.38	19.7	1380	4.68	1.73	0.45	<0.02	149	58.7	67
E839529		2.52	0.037			1.9	4.47	75.5	1370	0.69	1.08	6.19	0.03	59.5	56.7	15
E839530		1.29	1.230		0.98	1.57	0.93	264	100	0.28	2.97	6.96	0.05	23.9	482	10
E839531		1.08	0.286			0.3	5.3	58.1	4910	0.26	0.77	2.62	<0.02	19.9	212	4
E839628		0.66	0.380			8.17	0.21	984	130	0.26	58.3	0.05	0.65	4.06	41.9	<1
E839629		1.23	>10.0		54.6	5.56	7.11	<0.2	560	<0.05	235	5.69	<0.02	33.3	15.1	56
E839630		0.75	0.169			0.21	6.96	7.5	1460	0.3	19.55	4.36	0.04	4.89	6.8	16
E839631		0.78	0.191			0.08	6.98	5.7	1020	2.1	2.29	3.85	0.02	48.9	19	33

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
E846442		3.59	554	3.19	40.4	0.18	2.9	0.162	6.36	21.6	65.7	1.78	1250	7.59	0.06	6.6
E846443		1.37	7270	4.19	15.25	0.16	1.9	0.363	2.85	5.1	11.5	5.21	5110	22.1	0.03	2.8
E846444		2.91	113.5	4.88	10.7	0.15	1.6	0.21	1.45	21.6	17.9	1.04	727	0.49	0.6	3.6
E846445		0.81	62.5	3.76	18.55	0.56	3.4	1.195	5.31	84.4	57.3	6.01	3440	38.8	0.08	5.6
E847023		0.67	82.3	4.86	13.95	0.18	1.4	0.041	4.57	12.6	19.5	2.45	3090	10.2	0.43	3.2
E847024		1.79	110.5	3.55	16.85	0.16	1.2	0.107	2.43	4.5	19.2	2.55	4580	1.29	1.38	2.6
E846473		2.27	1160	7	20.4	0.25	2.1	0.076	6.26	58.1	23.2	2.01	1520	6.94	0.06	4.4
E846474		2.46	20.2	8.94	41.2	0.2	2.2	0.055	3.86	47	38	0.65	60	12.25	0.04	6.8
E846475		5.9	6460	9.24	18.3	0.2	1.9	0.524	2.4	36.7	32.5	1.3	475	14.8	0.04	4.2
E839527		2.85	26.7	15.75	12.4	0.41	1.7	0.033	3.69	460	98.7	0.9	200	4.91	0.03	10.6
E839528		3.98	420	7.08	36.1	0.26	3.4	0.24	5.68	83.5	34.1	1.08	475	2.58	0.03	5.7
E839529		0.97	5850	4.37	11.1	0.3	3.1	0.153	4.78	29.8	6.1	2.73	5170	7.11	0.04	6.4
E839530		0.34	>10000	8.58	3.34	0.25	0.7	0.216	0.87	7.7	3	3.02	6110	9.22	0.02	1.1
E839531		0.46	4860	12.55	6.74	0.22	6	0.104	4.64	9.5	1.8	0.87	2440	4.38	0.05	8.9
E839628		0.37	6600	35.8	1.05	0.38	0.1	0.756	0.08	1.4	1.8	0.17	8170	6.27	0.02	0.3
E839629		5.8	108.5	6.25	26.4	5.33	1.3	0.047	4.25	17.6	48.5	3.1	4490	>10000	0.05	3.7
E839630		0.71	81.4	2.44	7.93	0.17	0.8	0.065	5.1	1.9	6.5	1.1	4170	76.7	0.13	4.1
E839631		3.61	17.6	5.11	20.2	0.22	1	0.09	5.44	25.9	39.3	1.61	3500	50.9	0.09	7.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005
E846442		34	900	37.7	384	0.002	0.04	3.42	26.4	2	5	13.2	0.46	<0.05	16.5	0.206
E846443		107.5	340	7.2	148.5	0.002	0.52	2.27	14.1	7	0.6	50.1	0.22	0.08	8.7	0.181
E846444		22.7	230	310	98.3	<0.002	2.41	9.61	6.2	2	1.4	25.8	0.23	<0.05	12	0.124
E846445		47.2	400	1230	179	0.006	0.03	15	33.9	13	3.3	39.6	0.53	1.05	20.1	0.336
E847023		68.7	730	3.8	141.5	0.006	1.95	0.78	7.1	3	0.8	15	0.24	0.42	14.8	0.084
E847024		42.6	600	4	161.5	<0.002	0.72	0.81	18.4	1	2.2	13.4	0.16	0.18	15	0.123
E846473		20.3	690	7.7	269	<0.002	0.01	2.05	13.5	1	2.7	17.2	0.3	<0.05	14.1	0.182
E846474		17.6	590	3.9	272	0.002	0.03	4.28	21.7	3	6.2	3.7	0.45	1.87	16	0.214
E846475		91.8	740	8.8	169	0.003	0.88	4.87	11.8	5	3.8	3.8	0.27	0.86	13.7	0.147
E839527		21.2	2350	3.1	146.5	0.003	0.18	4.8	5.9	2	8.9	329	0.38	0.09	12.5	0.134
E839528		22.7	970	11.5	342	<0.002	0.09	2.84	15.7	4	4.8	9.9	0.4	0.07	20.3	0.242
E839529		8.9	1210	17	146.5	0.004	0.55	2.03	9.2	25	1.2	313	0.38	0.2	9.6	0.199
E839530		48.3	310	48.7	32.1	0.003	6.24	3.93	5.6	28	0.4	42.9	0.06	0.22	1.9	0.034
E839531		6.1	1280	5.5	90.5	0.004	0.56	2.14	12.6	4	2	52.2	0.55	0.09	16	0.351
E839628		190	70	152	4.9	0.002	4.52	42.7	8.2	14	0.6	7.9	<0.05	1.15	0.4	<0.005
E839629		45.1	1290	18.2	254	21.1	0.71	4.49	24.2	970	10.7	26.8	0.46	130	25.4	0.12
E839630		8.4	810	13.6	84.4	0.043	0.06	0.97	11.1	4	0.7	22.5	0.23	10.65	10.8	0.057
E839631		26.2	790	4.6	151.5	0.081	0.07	1.58	10.5	6	3.9	18.7	0.46	1.23	13.3	0.141

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 25-OCT-2007
Account: EIAFRG

Project: Werneckes-E

CERTIFICATE OF ANALYSIS TR07093495

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Ag-GRA21	U-XRF10
	Analyte	Tl	U	V	W	Y	Zn	Zr	Cu	Ag	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.1	1	0.1	0.1	2	0.5	0.001	5	0.01
E846442		0.5	107.5	93	8.3	33.4	15	90.1			
E846443		0.22	9.8	140	0.8	18.6	6	68.3			
E846444		0.46	1.8	34	0.5	8.3	6010	64.2			
E846445		0.42	4020	302	11.2	247	22	108.5			0.40
E847023		0.26	24.7	55	2.6	8.3	22	48.4			
E847024		0.21	25.9	50	2.4	10.8	19	39.6			
E846473		0.31	21.5	66	3.9	14.6	3	71			
E846474		0.32	34.5	87	7.2	11.5	3	71.9			
E846475		0.59	7.1	84	3.9	8	9	62.3			
E839527		0.28	4.9	76	22.3	16.9	9	57.2			
E839528		0.37	6.2	98	3.8	16.5	5	108.5			
E839529		0.19	32.4	44	2.2	38.3	2	119.5			
E839530		0.1	44.3	21	1.3	49	17	23.7	2.31		
E839531		0.2	26.2	114	3.3	35	<2	223			
E839628		0.09	1.1	<1	0.1	13.4	192	1.4			
E839629		1.07	231	73	4.1	23.6	21	21.7			
E839630		0.61	80.2	18	1.6	10.6	8	26.8			
E839631		0.54	52.9	51	2.9	11.7	14	31.8			

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
Account: EIAFRG

CERTIFICATE VA07070664

Project: Werneckes

P.O. No.: FRG07-01

This report is for 59 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E839510		0.94	<0.005		<0.01	6.81	2.2	6200	1.75	0.12	4.04	<0.02	68.00	16.6	40	4.12
E839511		0.68	0.020		0.10	0.84	19.4	80	0.59	0.57	7.59	<0.02	228.00	3.9	3	0.44
E839552		1.08	<0.005		2.61	0.43	384.0	60	0.09	6.46	0.01	0.04	5.67	40.4	4	0.28
E839660		1.84	0.007		0.04	3.17	4.4	50	0.60	0.10	0.50	<0.02	35.20	1.8	17	0.53
E839740		1.92	0.097		5.34	5.80	32.4	410	2.52	0.77	0.68	<0.02	>500	71.8	35	2.68
E839741		0.04	0.009		0.02	0.05	<0.2	10	<0.05	0.01	<0.01	<0.02	3.27	0.1	1	<0.05
E839742		1.44	1.460	1.45	2.07	3.08	2020.0	340	0.52	17.65	0.36	<0.02	362.00	955.0	18	0.81
E839743		3.24	0.005		0.30	0.25	19.0	50	0.11	2.32	<0.01	<0.02	10.80	4.7	25	0.22
E839744		2.48	0.011		0.20	0.26	29.5	330	0.15	1.83	0.07	<0.02	4.77	28.3	20	0.20
E839745		3.44	0.015		0.23	0.61	73.3	10	0.13	7.26	0.55	<0.02	17.00	111.0	16	0.16
E839746		1.64	0.069		1.11	1.51	126.5	10	0.22	26.10	0.09	<0.02	14.15	34.8	13	0.21
E839769		1.30	0.247		3.27	0.75	5	20	0.16	2.69	12.55	0.04	16.95	43.2	10	0.28
E839770		1.96	0.815		1.16	6.93	12.4	930	1.18	6.92	0.35	<0.02	458.00	41.4	45	1.73
E839771		1.36	0.005		0.05	8.81	2.9	1400	0.88	0.12	0.85	<0.02	151.00	16.6	49	0.69
E839772		1.44	0.079		0.11	7.12	9.4	6820	0.66	2.06	3.69	<0.02	395.00	38.5	45	1.24
E839773		1.00	0.035		0.43	6.41	80.8	90	2.16	7.83	0.09	<0.02	162.50	20.0	47	3.91
E846044		8.58	0.063		0.63	6.32	21.2	1680	1.60	0.38	3.48	<0.02	390.00	66.4	40	2.02
E846045		5.78	0.249		0.66	7.08	21.7	3840	1.21	1.95	0.23	<0.02	322.00	55.6	50	2.10
E846046		6.52	0.291		1.20	3.99	33.4	2410	0.89	12.75	1.08	<0.02	>500	106.5	29	1.70
E846047		8.46	0.030		0.12	6.61	44.1	2080	1.03	0.60	0.19	<0.02	80.50	130.0	48	2.09
E846048		5.14	0.141		0.37	6.62	65.5	4750	1.80	0.88	0.11	<0.02	274.00	108.0	46	2.30
E846049		3.72	0.046		0.38	6.48	27.3	8210	0.96	0.27	1.58	<0.02	>500	97.3	52	0.71
E846050		3.46	0.385		1.96	6.53	11.7	680	1.86	0.58	3.89	<0.02	470.00	10.3	40	3.06
E846085		1.00	0.005		0.04	1.77	7.2	170	0.49	0.29	1.58	0.02	6.28	13.3	16	0.54
E846086		0.76	<0.005		0.04	6.14	5.3	230	1.84	0.49	0.12	<0.02	8.53	7.8	31	3.79
E846087		0.72	0.006		0.28	7.09	51.5	40	0.39	0.11	5.75	0.02	307.00	19.1	8	0.25
E846088		0.56	0.061		0.39	7.46	115.0	40	1.25	13.10	0.13	<0.02	61.80	30.4	11	0.30
E846089		0.60	0.008		1.13	5.67	12.4	80	1.88	3.89	0.06	<0.02	51.10	9.9	56	1.61
E846090		0.90	<0.005		0.11	5.55	10.8	50	1.60	2.32	0.11	<0.02	47.60	25.6	54	1.04
E846091		0.94	0.010		0.86	5.52	8.3	70	1.66	1.75	0.04	<0.02	51.60	24.8	52	1.38
E846092		0.50	0.025		0.22	3.42	11.4	520	0.57	0.39	0.02	<0.02	18.90	127.5	21	1.45
E846093		0.88	<0.005		0.07	0.49	9.2	60	0.28	0.48	5.43	0.11	5.31	1.3	10	0.27
E846094		0.84	<0.005		0.05	0.16	5.6	40	0.12	0.45	6.86	0.03	6.00	4.4	6	0.21
E846095		0.50	<0.005		0.09	7.75	9.4	510	3.36	0.22	0.15	0.41	150.00	26.6	59	6.54
E846096		0.76	<0.005		0.08	1.35	5.4	40	1.07	0.52	0.17	0.04	15.80	1.6	25	1.25
E846097		0.58	<0.005		0.05	1.88	1.5	10	0.34	0.28	0.82	0.29	31.80	2.9	25	0.22
E846351		4.52	0.111		0.48	7.61	8.1	2260	1.52	0.15	3.15	<0.02	372.00	17.2	54	2.59
E846352		0.86	<0.005		0.04	6.31	6.7	150	2.23	0.06	0.10	0.03	109.00	26.5	138	1.89
E846353		1.40	0.007		0.21	8.36	24.9	920	2.39	0.40	0.45	0.07	64.40	3.7	66	0.34
E846354		0.80	<0.005		0.09	8.89	20.5	150	3.06	0.15	0.23	0.03	75.20	4.6	52	1.50

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839510		20.2	6.13	18.60	0.15	0.9	0.189	4.34	35.1	16.7	1.78	2900	0.57	0.61	5.7	23.2
E839511		7.6	23.70	2.51	0.40	0.2	0.146	0.45	223.0	2.8	3.54	3860	13.25	0.03	12.5	6.1
E839552		241.0	6.36	1.35	0.09	0.1	0.100	0.03	2.6	2.1	0.02	150	1.97	0.01	0.5	4.4
E839660		18.6	1.99	6.25	0.06	1.1	0.016	0.57	17.2	23.2	2.65	387	1.04	0.04	1.8	15.3
E839740		4300.0	12.05	24.30	0.81	2.0	0.113	1.47	770.0	66.1	2.12	939	216.00	0.07	14.2	59.3
E839741		4.4	0.03	0.14	<0.05	0.9	<0.005	<0.01	2.0	2.2	0.01	<5	0.56	<0.01	0.2	0.2
E839742		>10000	18.10	11.20	0.41	0.8	0.208	0.89	302.0	40.3	0.90	163	385.00	0.02	14.2	49.9
E839743		59.5	0.63	0.79	<0.05	0.1	<0.005	0.09	7.2	3.6	0.04	38	4.73	0.01	0.6	2.6
E839744		89.9	0.98	0.68	<0.05	0.1	0.005	0.07	3.1	5.1	0.04	349	3.90	0.01	0.4	8.6
E839745		21.7	3.44	1.88	0.07	0.1	0.061	0.02	8.6	14.8	0.97	876	7.96	0.01	0.3	25.0
E839746		68.7	4.92	5.11	0.10	0.4	0.014	0.02	7.2	34.5	2.00	109	65.40	0.01	0.7	17.4
E839769		>10000	6.51	2.13	0.11	0.3	0.469	0.11	9.4	2.5	5.78	6770	4.52	0.36	0.7	17.7
E839770		4790.0	12.80	19.30	0.42	1.9	0.069	5.81	337.0	33.2	0.96	491	59.90	0.06	3.5	39.3
E839771		422.0	4.88	19.10	0.17	2.6	0.041	5.91	106.5	41.1	1.25	664	1.40	1.85	2.4	19.6
E839772		1940.0	6.50	15.95	0.31	1.9	0.147	7.44	282.0	17.7	1.87	4530	4.88	0.11	2.3	34.7
E839773		43.0	5.36	25.30	0.19	2.6	0.115	1.54	108.5	111.0	4.56	207	80.10	0.05	12.1	18.2
E846044		918.0	9.38	18.65	0.30	1.9	0.090	4.98	317.0	61.2	2.00	3520	42.90	0.07	4.1	28.8
E846045		4590.0	12.90	20.60	0.32	2.4	0.093	4.63	245.0	66.5	1.13	395	28.90	0.09	4.9	44.2
E846046		4460.0	24.10	13.15	0.47	1.4	0.074	1.61	510.0	58.4	1.12	1110	61.60	0.05	7.7	42.8
E846047		33.1	17.35	19.75	0.26	2.0	0.052	4.91	71.8	43.9	0.57	210	9.96	0.49	4.0	28.6
E846048		1910.0	12.65	20.00	0.31	2.4	0.116	4.62	202.0	56.7	0.81	115	17.45	0.08	6.0	33.6
E846049		362.0	16.80	19.15	0.48	1.6	0.051	4.66	404.0	15.1	1.49	1890	47.80	0.16	3.6	62.3
E846050		229.0	3.22	20.30	0.27	2.3	0.119	3.65	341.0	25.9	1.43	3730	26.10	0.97	7.7	17.9
E846085		32.7	1.59	4.84	0.06	1.2	0.008	0.33	3.5	4.6	0.53	831	2.32	0.85	1.1	5.7
E846086		11.7	12.95	14.50	0.19	1.6	0.165	2.62	6.8	29.3	0.70	146	0.47	0.71	7.7	21.3
E846087		1610.0	2.80	14.35	0.24	1.9	0.058	0.11	159.5	3.7	2.57	2730	16.85	5.16	2.1	42.7
E846088		56.8	3.87	17.35	0.14	1.9	0.007	0.13	34.3	1.5	0.03	28	31.60	6.16	3.5	226.0
E846089		1600.0	2.43	17.20	0.09	2.5	0.384	1.19	30.9	25.4	2.29	53	0.90	0.21	7.0	25.1
E846090		6990.0	3.13	15.85	0.09	2.2	0.128	0.52	27.9	39.1	4.08	112	0.53	0.19	6.3	46.7
E846091		5830.0	3.08	15.05	0.11	2.2	0.598	1.24	27.5	29.5	2.97	62	0.56	0.13	6.1	29.3
E846092		124.5	17.80	16.95	0.22	0.5	0.017	0.46	10.3	21.1	0.87	169	0.91	0.14	0.8	42.3
E846093		39.8	1.63	1.48	0.05	0.3	0.043	0.19	2.7	5.0	0.57	2670	1.38	0.01	0.5	2.3
E846094		22.2	1.71	0.58	<0.05	0.1	0.048	0.06	3.7	1.7	2.94	2000	0.46	0.01	0.2	5.2
E846095		53.1	3.53	21.70	0.16	1.9	0.067	2.48	53.0	69.1	1.65	1270	0.44	0.77	12.5	57.2
E846096		28.9	1.18	3.16	<0.05	0.3	0.006	0.16	9.9	14.2	0.23	125	1.17	0.27	0.9	4.3
E846097		22.3	2.20	6.66	0.05	0.2	0.054	0.02	17.0	27.9	0.53	329	0.95	0.15	2.2	10.8
E846351		1170.0	6.52	21.30	0.25	2.5	0.079	5.26	260.0	19.2	1.34	2970	16.85	1.24	8.8	23.9
E846352		9.7	3.09	22.00	0.11	1.4	0.060	0.03	66.4	93.4	8.82	506	2.74	0.02	3.6	53.6
E846353		42.8	0.88	24.00	0.11	4.1	0.007	0.21	33.2	7.0	0.33	693	13.85	6.97	4.3	100.5
E846354		37.0	0.64	26.40	0.10	4.7	0.011	0.88	39.7	6.6	0.23	167	14.30	6.68	5.1	82.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
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CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839510		760	1.4	154.5	<0.002	0.19	1.49	13.1	2	2.9	385.0	0.42	<0.05	13.9	0.180	0.38
E839511		1630	1.8	21.3	<0.002	0.01	4.28	1.1	2	17.2	23.6	0.16	0.31	3.1	0.043	0.06
E839552		30	38.6	2.1	<0.002	3.75	0.86	0.3	1	<0.2	6.0	<0.05	<0.05	0.8	0.006	0.47
E839660		410	2.1	25.6	<0.002	0.01	1.33	2.4	1	0.5	5.4	0.15	<0.05	5.7	0.046	0.06
E839740		750	77.7	97.9	0.024	0.37	4.26	11.3	16	27.2	33.3	0.88	1.15	18.5	0.175	1.55
E839741		20	1.6	0.2	<0.002	0.01	<0.05	0.2	1	<0.2	2.2	<0.05	<0.05	0.4	0.005	<0.02
E839742		1880	9.5	59.7	0.083	0.85	2.81	3.8	14	12.6	145.5	0.23	3.88	5.7	0.056	0.15
E839743		80	5.8	4.7	<0.002	0.03	0.86	0.3	1	0.4	4.1	<0.05	0.09	0.5	0.008	0.20
E839744		400	3.7	3.6	<0.002	0.08	0.86	0.3	1	0.2	5.7	<0.05	0.06	0.4	0.005	0.09
E839745		200	10.8	0.6	<0.002	1.07	1.00	6.4	2	<0.2	3.2	<0.05	0.09	0.8	<0.005	2.17
E839746		650	44.7	1.0	<0.002	0.55	2.96	2.2	4	0.3	2.4	<0.05	0.46	2.2	0.010	10.70
E839769		90	4.5	3.4	<0.002	2.72	0.79	6.2	3	1.0	43.1	0.05	0.20	1.3	0.019	0.09
E839770		690	4.6	180.0	0.032	0.27	1.84	11.8	11	19.8	15.6	0.22	1.67	12.3	0.075	1.13
E839771		1180	4.3	126.5	0.007	0.03	1.24	4.9	2	1.7	27.0	0.22	<0.05	17.6	0.046	1.10
E839772		660	2.3	172.5	<0.002	0.22	1.29	11.0	3	5.4	103.5	0.19	0.79	15.4	0.071	0.60
E839773		1050	5.8	77.8	0.004	0.24	5.24	12.7	4	6.5	4.6	0.67	0.38	15.8	0.180	0.44
E846044		670	8.8	152.0	0.008	0.19	1.30	10.9	3	15.2	32.3	0.23	0.30	14.0	0.092	1.50
E846045		910	5.4	153.5	0.015	0.39	2.00	10.8	9	27.7	41.2	0.13	0.79	14.8	0.088	1.67
E846046		1500	4.8	85.3	0.016	0.30	1.73	6.6	8	37.2	117.5	<0.05	7.85	9.7	0.065	0.67
E846047		830	2.6	144.0	0.015	0.77	1.58	8.5	3	16.4	26.4	0.13	0.42	12.6	0.086	2.94
E846048		860	3.2	163.5	0.011	0.46	2.06	10.6	7	20.0	56.6	0.22	0.80	15.2	0.099	3.35
E846049		890	10.9	108.5	0.011	0.35	1.92	3.9	3	1.9	359.0	0.17	0.30	35.2	0.033	0.76
E846050		770	11.4	127.5	0.013	0.03	2.32	10.8	3	28.3	27.6	0.50	1.32	11.4	0.177	1.12
E846085		1010	2.7	18.5	<0.002	0.09	0.61	1.5	2	0.3	15.6	<0.05	<0.05	3.6	0.018	0.11
E846086		600	1.9	234.0	<0.002	0.43	1.95	5.2	2	3.2	5.3	0.62	0.07	13.1	0.153	0.55
E846087		700	2.7	6.8	<0.002	0.19	0.77	5.7	2	0.2	53.8	0.10	0.07	20.3	0.044	0.03
E846088		80	19.9	7.0	0.003	3.09	12.40	1.9	7	0.3	46.7	0.18	0.62	5.3	0.073	0.03
E846089		310	2.8	47.7	<0.002	0.13	2.65	11.7	2	3.6	9.1	0.51	<0.05	10.2	0.194	0.42
E846090		280	1.8	8.1	<0.002	0.39	2.23	8.0	2	2.1	7.4	0.45	<0.05	9.1	0.180	0.20
E846091		340	2.0	50.5	<0.002	0.94	2.37	8.2	3	3.3	6.0	0.43	<0.05	9.8	0.169	0.18
E846092		250	3.2	36.5	<0.002	0.81	0.67	3.1	3	0.5	35.9	<0.05	1.09	9.7	0.025	0.16
E846093		100	54.8	9.2	<0.002	0.03	0.96	0.7	2	0.2	15.7	<0.05	<0.05	1.0	0.011	0.55
E846094		30	5.0	3.2	<0.002	0.02	0.63	0.2	2	<0.2	20.0	<0.05	0.05	0.4	<0.005	0.06
E846095		480	11.8	151.0	<0.002	0.01	0.68	13.7	2	2.8	59.5	0.85	<0.05	13.2	0.296	0.87
E846096		90	26.4	11.6	<0.002	0.02	0.24	2.0	2	0.3	55.1	<0.05	0.18	2.5	0.024	0.07
E846097		70	14.8	1.3	<0.002	0.02	0.36	3.9	2	2.1	75.7	0.06	<0.05	3.7	0.047	<0.02
E846351		850	4.6	151.5	0.004	0.10	1.30	13.7	3	20.7	51.0	0.57	0.41	15.4	0.154	1.46
E846352		70	11.3	1.2	<0.002	0.09	1.48	36.6	2	2.2	3.2	0.20	0.07	38.5	0.137	0.07
E846353		180	22.8	11.7	<0.002	0.05	5.46	6.9	2	0.4	39.5	0.27	0.07	89.3	0.147	0.06
E846354		480	3.7	51.9	<0.002	0.01	1.29	11.8	2	0.8	36.1	0.30	0.07	22.2	0.123	0.19

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839510		2.6	58	4.7	10.6	6	30.6		
E839511		1.9	15	15.2	11.2	2	8.2		
E839552		2.0	1	0.2	0.9	18	5.7		
E839660		0.9	18	0.9	6.8	9	36.1		
E839740		820.0	60	40.7	77.2	61	56.4		
E839741		0.8	<1	0.1	2.1	3	30.0		
E839742		76.2	184	38.7	8.6	31	29.4	1.260	
E839743		6.3	3	0.8	1.6	3	6.3		
E839744		3.4	3	0.5	1.9	6	5.2		
E839745		1.0	8	0.5	4.9	12	5.0		
E839746		2.2	21	1.0	4.1	22	15.0		
E839769		2.1	16	1.8	10.4	8	9.0	3.11	
E839770		71.8	57	19.7	22.7	31	62.2		
E839771		59.4	25	5.2	18.7	43	85.5		
E839772		11.2	64	10.5	12.3	9	64.0		
E839773		15.3	147	9.6	9.5	44	81.3		
E846044		41.6	59	16.9	23.2	17	62.7		
E846045		54.3	65	17.8	21.1	44	64.8		
E846046		46.4	58	15.2	20.3	45	37.3		
E846047		31.4	73	16.4	8.6	14	56.3		
E846048		24.8	64	25.6	11.0	10	63.3		
E846049		90.9	81	5.0	29.9	14	42.7		
E846050		55.8	67	39.3	25.6	10	62.7		
E846085		4.2	18	0.8	5.4	8	32.0		
E846086		2.9	46	4.4	3.6	15	45.0		
E846087		3.4	9	2.0	14.7	9	52.7		
E846088		2.4	12	3.7	3.4	6	53.5		
E846089		2.2	52	1.2	8.2	4	65.5		
E846090		2.4	48	1.1	7.7	6	60.1		
E846091		2.0	44	1.0	8.4	4	59.6		
E846092		2.6	25	0.2	3.6	20	12.5		
E846093		1.7	5	0.2	2.6	41	9.4		
E846094		0.8	2	0.1	5.1	20	3.5		
E846095		4.4	72	2.1	22.5	107	54.0		
E846096		0.8	12	0.4	3.9	28	8.5		
E846097		1.1	16	0.3	16.1	51	5.3		
E846351		12.5	73	24.5	19.6	9	68.8		
E846352		288.0	73	9.7	16.1	30	41.1		
E846353		920.0	76	3.0	33.5	16	108.5		
E846354		80.6	153	2.7	18.4	12	131.5		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E846355		0.88	<0.005		0.09	5.58	4.8	1300	0.59	0.06	4.25	<0.02	27.70	11.0	37	0.73
E846356		1.02	0.085		0.84	7.60	3.0	580	2.13	1.04	4.33	0.02	91.30	9.9	44	1.87
E846357		1.34	<0.005		0.19	5.81	7.5	3280	0.63	0.16	3.14	0.04	16.00	33.2	38	0.72
E846358		0.62	0.059		4.86	7.45	85.1	1490	0.61	2.24	1.60	<0.02	112.00	87.5	50	1.12
E846359		0.92	0.018		0.54	4.69	75.8	90	1.19	4.13	8.49	0.03	53.50	92.5	21	1.70
E846360		0.76	0.006		0.90	6.69	6.3	2220	1.87	0.34	3.69	<0.02	90.10	23.7	38	3.27
E846361		0.92	<0.005		0.27	5.02	20.2	260	1.19	0.52	7.08	0.02	67.30	8.0	28	2.01
E846362		0.76	0.588		4.87	6.86	9.6	390	2.07	2.36	5.00	<0.02	118.00	13.8	38	2.02
E846363		0.64	0.005		0.07	4.50	1910.0	240	1.24	0.83	7.84	<0.02	65.40	1345.0	21	1.88
E846364		0.82	0.015		0.56	5.27	14.6	1250	0.78	0.32	8.61	0.03	64.00	45.3	28	1.54
E846365		1.02	0.020		0.91	2.87	15	830	0.38	0.99	13.00	0.02	43.60	21.2	13	0.65
E846366		1.00	0.064		82.50	0.29	243.0	30	0.14	16.25	0.02	0.04	24.30	224.0	2	0.61
E846367		0.62	0.047		8.05	1.31	798.0	220	0.34	12.20	0.04	<0.02	11.60	96.7	9	2.73
E846368		0.78	0.389		1.70	7.79	18.9	460	1.58	11.90	4.91	<0.02	65.00	95.0	53	4.40
E846369		0.80	0.338		2.03	6.79	35.8	410	1.48	34.30	6.78	<0.02	30.30	23.3	42	2.96
E846370		0.62	0.047		0.27	7.90	7.2	3140	1.20	13.10	5.25	<0.02	82.30	97.8	45	2.88
E846371		0.86	0.035		0.11	1.31	25.4	130	0.32	2.03	0.30	<0.02	113.00	4.7	22	0.78
E846372		0.60	>10.0	35.7	15.40	5.94	34.4	160	0.98	2120.00	5.82	0.03	156.00	24.8	20	2.85
E846373		0.86	0.021		0.40	0.66	13.7	30	0.18	1.37	0.02	0.02	9.45	13.0	13	1.66

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E846355		10.7	5.77	12.50	0.17	1.3	0.082	5.88	15.7	7.9	1.78	2440	0.64	0.07	1.6	16.3
E846356		81.2	2.75	21.40	0.15	3.1	0.154	4.01	46.5	21.5	2.27	1950	3.82	0.04	5.6	21.0
E846357		87.9	3.09	15.40	0.12	1.9	0.055	6.36	8.2	9.4	1.26	1815	0.51	0.08	3.3	15.1
E846358		>10000	5.63	19.55	0.23	2.7	0.152	6.10	69.9	32.7	2.17	885	26.20	0.06	6.7	53.3
E846359		114.0	7.21	12.65	0.15	1.9	0.199	2.53	23.5	14.4	4.48	2920	2.20	0.03	2.3	30.4
E846360		2550.0	5.53	19.80	0.18	2.5	0.218	5.73	52.5	38.0	2.17	1815	8.86	0.06	9.6	15.9
E846361		48.6	2.97	13.90	0.13	2.0	0.330	2.76	36.6	28.5	4.00	1515	0.76	0.03	2.9	16.9
E846362		25.1	2.48	19.05	0.16	2.8	0.210	4.41	70.6	48.9	2.93	999	18.25	0.04	9.2	21.8
E846363		43.5	3.07	12.45	0.11	1.7	0.182	2.40	34.4	26.1	4.02	2900	0.37	0.03	2.4	52.7
E846364		558.0	2.91	13.65	0.13	1.8	0.122	5.43	38.5	17.5	4.34	3310	7.35	0.07	5.9	17.5
E846365		1820.0	4.67	7.06	0.11	1.5	0.155	2.98	25.2	8.8	6.62	4400	7.26	0.04	4.1	12.0
E846366		>10000	33.40	1.31	0.28	0.1	8.790	0.12	12.0	1.7	0.07	4660	0.70	0.01	0.3	101.0
E846367		>10000	18.10	3.36	0.19	1.2	3.950	0.53	5.4	1.2	0.03	1085	0.37	0.02	0.5	41.9
E846368		86.1	3.21	22.80	0.16	2.7	0.170	2.80	30.8	10.3	2.52	2350	86.10	2.46	5.1	31.0
E846369		82.4	3.06	19.95	0.18	2.2	0.107	2.15	12.3	10.1	3.40	3440	83.00	2.41	4.4	27.1
E846370		29.0	3.00	19.25	0.13	2.0	0.119	2.42	46.3	7.8	2.44	2720	6.86	2.85	7.4	25.0
E846371		1910.0	1.03	3.46	0.10	0.3	0.088	0.57	55.2	0.9	0.13	225	2.67	0.03	0.7	3.7
E846372		44.6	2.13	17.50	5.60	1.5	0.066	1.41	82.0	14.5	3.31	1915	5.15	2.97	3.9	268.0
E846373		1630.0	5.90	1.52	0.10	0.5	0.532	0.27	4.5	2.1	0.17	3140	0.29	0.02	0.3	9.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E846355		480	4.8	160.0	<0.002	0.03	3.44	6.8	2	0.8	25.4	<0.05	<0.05	12.7	0.046	0.43
E846356		850	14.0	223.0	0.005	0.03	3.97	12.0	2	2.6	15.5	0.39	0.74	21.0	0.156	0.73
E846357		570	8.5	164.5	<0.002	0.25	2.12	10.9	2	2.0	29.5	0.15	0.06	14.9	0.067	0.45
E846358		910	8.3	134.0	0.004	1.07	4.11	11.0	12	2.9	11.8	0.53	0.56	15.3	0.220	0.79
E846359		600	11.7	170.5	<0.002	4.59	9.95	7.3	2	1.8	55.3	0.08	0.22	10.3	0.086	3.19
E846360		700	5.5	206.0	<0.002	0.15	3.34	13.4	2	3.8	25.4	0.76	0.09	13.5	0.231	0.57
E846361		580	11.8	173.5	<0.002	0.45	4.44	7.3	2	1.9	18.3	0.13	<0.05	12.2	0.109	0.43
E846362		700	45.3	209.0	0.011	0.09	6.64	12.1	5	3.7	12.7	0.74	0.87	18.3	0.213	0.57
E846363		560	3.9	162.5	<0.002	0.21	2.34	7.3	2	1.5	25.0	0.08	<0.05	10.9	0.091	0.39
E846364		510	8.3	144.0	<0.002	0.14	1.75	10.0	3	2.1	32.5	0.42	0.10	10.3	0.163	0.55
E846365		350	6.9	69.2	0.002	0.50	1.65	11.9	2	1.0	47.4	0.20	0.09	3.6	0.313	0.55
E846366		40	18.0	5.6	<0.002	9.71	30.60	3.4	6	6.3	5.7	<0.05	0.36	1.9	<0.005	0.05
E846367		50	8.4	28.9	<0.002	2.29	11.30	6.6	3	4.9	7.0	<0.05	0.09	3.9	0.016	0.14
E846368		1090	59.3	124.5	0.008	0.43	5.66	22.4	6	1.8	44.2	0.55	7.66	14.5	0.237	0.49
E846369		850	378.0	98.3	0.015	0.12	6.48	27.6	12	1.0	63.7	0.40	21.10	8.7	0.216	0.50
E846370		680	10.0	116.5	0.004	0.33	2.07	16.5	3	1.2	128.5	0.65	8.21	15.6	0.197	0.34
E846371		280	3.0	25.2	<0.002	0.05	0.71	1.0	2	0.4	4.3	0.06	0.14	4.5	0.018	0.13
E846372		630	381.0	67.1	<0.002	0.01	13.00	15.1	>1000	2.2	48.6	0.36	85.90	54.1	0.132	0.43
E846373		20	6.0	15.5	<0.002	0.11	3.70	1.9	2	0.5	7.7	<0.05	0.08	2.1	0.006	0.08

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 27-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070664

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E846355		2.1	63	0.7	9.2	8	32.9		
E846356		140.5	80	3.1	23.1	9	86.0		
E846357		2.4	73	1.3	10.2	13	49.5		
E846358		17.1	92	15.9	15.9	45	75.6	1.295	
E846359		4.2	42	1.0	15.7	10	53.1		
E846360		6.7	66	6.3	20.0	7	67.9		
E846361		2.8	47	1.7	14.2	10	54.6		
E846362		258.0	67	9.9	108.0	7	79.5		
E846363		2.8	34	1.1	15.8	8	48.4		
E846364		5.4	55	5.2	18.3	14	52.0		
E846365		5.5	103	3.3	22.1	17	44.1		
E846366		0.5	4	0.1	1.1	121	3.8	5.79	
E846367		0.7	11	0.1	4.0	48	33.3	2.10	
E846368		1750.0	112	14.2	44.7	6	79.2		0.19
E846369		2080.0	110	11.0	68.7	8	62.3		0.22
E846370		297.0	78	7.5	15.3	5	61.0		
E846371		5.8	9	0.3	4.7	2	8.0		
E846372		217.0	39	3.0	27.7	4	48.1		
E846373		0.8	3	0.1	1.6	13	16.4		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071732

Project: Werneckes

P.O. No.: FRG07-01

This report is for 5 Rock samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07071732

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E846098		0.86	<0.005	0.17	7.39	44.3	100	1.95	0.21	3.48	0.03	470.00	12.9	27	0.52	30.9
E846099		1.38	0.009	3.18	6.75	126.0	60	1.51	0.43	2.81	0.22	28.40	288.0	37	0.34	1580.0
E846374		0.68	<0.005	0.06	7.09	4.9	120	1.14	0.14	0.98	<0.02	51.50	5.9	34	0.34	22.1
E839747		1.22	0.011	2.23	4.41	40.3	130	1.47	1.72	0.02	<0.02	63.40	8.1	38	1.31	>10000
E839748		1.52	0.049	1.67	6.61	401.0	210	2.38	3.12	0.03	0.02	128.50	13.8	45	2.67	3740.0

Comments: REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07071732

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846098		1.62	17.15	0.82	2.3	0.049	0.14	236.0	11.7	1.54	1275	10.15	5.48	20.1	18.5	3450
E846099		9.54	20.70	0.20	1.5	0.107	0.53	13.2	19.5	1.82	1470	14.40	3.72	3.0	280.0	810
E846374		0.91	20.50	0.15	1.9	0.007	1.60	22.9	3.3	0.59	392	0.78	4.93	3.1	6.4	750
E839747		2.82	13.30	0.17	1.4	1.595	1.85	25.6	12.2	1.00	41	0.61	0.05	4.9	18.4	120
E839748		3.89	18.30	0.23	2.8	0.431	2.14	57.5	15.7	1.95	71	0.81	0.10	6.7	22.1	240

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071732

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846098		674.0	8.1	0.003	0.02	25.10	22.8	18	0.2	72.1	2.05	0.10	1350.0	0.798	0.47	>10000
E846099		61.2	26.8	<0.002	6.07	15.35	19.5	3	1.0	31.1	0.20	0.60	16.9	0.088	0.07	45.9
E846374		6.7	36.6	<0.002	0.02	1.37	3.4	1	0.6	54.9	0.25	<0.05	22.4	0.062	0.15	69.9
E839747		3.0	83.8	<0.002	1.15	3.40	6.6	4	5.4	3.6	0.35	<0.05	7.1	0.137	0.27	2.3
E839748		3.7	104.0	<0.002	0.16	2.66	8.9	5	2.6	6.5	0.56	0.43	18.9	0.161	0.28	13.6

Comments: REE's may not be totally soluble in MS61 method.

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North Vancouver BC V7J 2C1
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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071732

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E846098		64	5.5	369.0	23	73.5		2.25
E846099		109	4.3	10.1	215	49.5		
E846374		17	2.1	11.6	5	58.7		
E839747		39	0.8	7.7	4	45.1	1.570	
E839748		42	1.1	12.8	8	82.6		

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 2-SEP-2007
Account: EIAFRG

CERTIFICATE VA07084273

Project: Werneckes

P.O. No.: FRG07-01

This report is for 81 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E839557		1.82	0.007	0.69	6.15	200.0	850	1.74	0.39	3.71	<0.02	97.50	122.0	38	3.19	1590.0
E839558		1.09	<0.005	1.10	5.12	565.0	650	1.55	0.32	5.80	<0.02	89.70	310.0	26	2.72	1010.0
E839559		1.10	0.018	5.99	4.38	2160.0	5220	1.12	1.44	5.84	<0.02	88.80	762.0	15	1.53	3400.0
E839560		1.45	<0.005	0.95	5.09	307.0	1830	1.19	0.43	5.38	<0.02	95.20	172.0	21	1.86	1240.0
E839618		0.74	<0.005	0.24	2.71	29.4	60	0.88	0.28	0.34	0.26	36.80	12.1	17	0.89	54.1
E839619		0.77	<0.005	0.56	0.49	856.0	30	0.15	0.08	0.16	0.11	11.45	9.2	25	0.85	951.0
E839620		0.71	<0.005	0.03	0.97	4.6	410	0.21	0.07	2.91	<0.02	19.50	15.8	11	1.00	7340.0
E839621		1.01	0.008	0.08	0.04	16.4	100	0.07	0.68	0.26	<0.02	51.50	27.7	15	0.08	41.7
E839622		0.90	0.006	0.14	0.78	13	560	0.17	0.24	11.85	0.03	138.00	88.5	6	0.23	1530.0
E839749		3.87	<0.005	1.74	6.64	298.0	660	1.67	4.42	0.77	0.31	88.70	14.4	54	2.14	1040.0
E839750		1.55	<0.005	0.13	4.65	14.9	790	1.64	0.38	3.73	0.13	80.20	7.6	14	3.24	21.8
E839974		1.81	0.007	0.15	7.24	24.2	620	3.89	0.94	2.58	<0.02	136.00	34.7	50	6.28	892.0
E839975		3.24	0.035	4.22	3.59	884.0	1870	0.49	1.04	6.79	<0.02	74.40	168.5	17	0.87	2570.0
E839976		0.98	0.017	1.02	7.18	438.0	1030	1.34	0.41	2.08	<0.02	101.50	136.5	51	2.40	1370.0
E839977		1.68	0.055	4.82	5.78	458.0	2310	0.97	2.46	4.90	0.02	104.00	112.5	28	1.00	1510.0
E839978		1.72	0.005	3.17	5.32	459.0	3670	0.68	0.57	6.71	<0.02	47.70	161.5	21	1.22	5280.0
E846151		3.21	<0.005	0.04	7.05	8.8	130	0.79	0.16	4.33	<0.02	39.40	17.5	36	0.51	26.2
E846152		4.27	0.006	0.09	5.58	22.8	300	0.88	0.69	5.10	0.03	336.00	59.4	29	1.01	91.0
E846153		3.72	0.016	0.13	5.85	40.3	220	1.03	0.81	6.17	<0.02	72.10	71.6	27	1.71	85.6
E846154		3.55	0.064	0.38	4.39	116.5	230	0.68	10.55	6.16	<0.02	420.00	217.0	17	1.05	182.0
E846155		3.59	0.071	0.38	1.26	32	100	0.35	10.20	10.30	<0.02	470.00	103.0	4	0.25	324.0
E846156		3.79	0.075	0.37	0.55	36	80	0.24	6.61	11.30	<0.02	367.00	95.9	16	0.31	815.0
E846157		5.21	0.021	0.31	0.22	23	40	0.10	2.43	14.80	<0.02	286.00	101.0	<1	0.28	34.0
E846158		4.69	0.019	0.16	0.23	46	140	0.15	2.18	15.10	<0.02	317.00	144.5	1	0.17	244.0
E846159		3.88	<0.005	0.06	6.98	8.8	630	2.84	0.24	0.22	<0.02	69.10	12.4	45	2.41	84.3
E846160		4.81	0.010	0.17	6.31	42.0	990	2.42	1.65	0.09	<0.02	30.80	15.7	38	1.80	89.8
E846161		3.89	0.024	0.20	7.73	62.5	700	3.31	4.56	0.03	<0.02	12.35	7.8	35	1.77	31.5
E846162		4.56	0.039	0.11	7.02	111.5	960	3.43	4.59	1.43	<0.02	74.00	76.7	32	2.12	238.0
E846163		4.42	0.007	0.07	5.37	53.2	390	2.39	1.67	6.99	<0.02	76.30	171.5	22	1.67	405.0
E846164		3.43	0.007	0.06	7.03	21.9	420	3.17	0.86	5.16	<0.02	87.60	42.2	27	2.07	280.0
E846165		2.70	<0.005	0.05	7.08	13.2	760	3.12	0.37	5.38	<0.02	90.10	23.0	27	2.16	241.0
E846166		3.59	0.007	0.15	6.55	13.3	390	3.14	0.49	6.93	<0.02	100.00	45.7	25	2.24	591.0
E846167		2.77	<0.005	0.15	3.96	29	260	2.22	0.76	11.10	0.02	59.50	186.0	18	1.60	382.0
E846168		3.08	0.007	0.23	5.16	47.4	450	2.58	1.24	8.88	<0.02	79.70	123.5	21	2.62	368.0
E846169		4.12	0.010	0.34	5.66	67.6	340	2.76	1.09	9.00	<0.02	75.60	101.0	24	2.13	649.0
E846375		0.41	<0.005	0.22	0.61	27	40	0.25	1.89	17.50	0.02	15.60	9.2	2	0.24	513.0
E846376		0.91	0.005	0.11	6.90	7.1	760	0.48	0.81	3.50	0.04	44.10	16.2	35	0.97	38.9
E846377		0.57	0.009	0.09	7.83	132.5	1300	0.64	0.47	2.59	<0.02	97.80	101.0	59	1.03	1660.0
E846378		0.72	0.014	0.15	7.52	76.7	2270	0.37	0.65	0.13	<0.02	131.00	144.0	48	0.83	140.5
E846379		0.44	0.013	0.13	8.19	208.0	1500	0.34	0.75	0.11	<0.02	56.20	158.0	60	0.88	42.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E839557		4.78	14.45	0.20	3.0	0.119	5.69	53.9	19.5	2.28	2190	5.67	0.05	9.2	27.9	630
E839558		5.39	10.70	0.23	2.3	0.114	4.81	49.6	20.7	3.40	3180	15.95	0.04	7.1	65.4	620
E839559		3.19	6.54	0.38	2.0	0.111	4.72	34.9	15.8	3.19	4150	21.20	0.08	4.5	250.0	440
E839560		3.01	8.96	0.18	2.2	0.109	5.61	43.7	14.0	3.00	3540	13.60	0.06	7.6	32.2	560
E839618		1.35	8.50	0.07	0.3	0.069	0.18	19.2	13.5	0.18	177	0.40	1.14	3.3	12.8	40
E839619		1.07	1.40	0.06	0.3	0.131	0.16	5.7	7.1	0.12	244	2.55	0.07	0.6	17.5	190
E839620		2.87	2.98	0.09	0.1	0.023	0.44	8.3	4.4	0.14	140	0.86	0.02	1.1	5.7	>10000
E839621		25.70	0.76	0.34	<0.1	0.006	0.01	51.0	0.4	0.01	101	16.70	<0.01	15.9	3.9	1270
E839622		8.00	3.09	0.20	0.1	0.107	0.01	105.0	8.6	6.29	6310	7.17	0.03	10.7	38.9	760
E839749		6.03	18.65	0.17	1.0	0.281	3.35	46.1	89.1	1.25	866	3.93	0.58	13.1	30.1	720
E839750		1.83	9.33	0.11	2.4	0.037	1.16	40.0	36.2	2.58	1910	1.09	1.84	7.8	12.8	380
E839974		5.75	24.40	0.23	3.1	0.191	5.76	72.7	47.0	2.16	1750	1.62	0.04	11.3	39.6	700
E839975		2.17	3.66	0.29	2.3	0.083	4.47	33.7	5.1	3.35	4450	35.40	0.06	3.5	56.6	400
E839976		4.95	15.05	0.22	2.5	0.083	6.31	56.5	19.4	1.47	1270	8.81	0.06	10.5	45.1	610
E839977		2.79	10.60	0.25	2.4	0.096	5.77	50.3	7.7	2.48	3250	41.30	0.06	8.4	30.7	580
E839978		2.91	6.83	0.15	1.7	0.099	6.61	21.4	6.6	3.34	4300	32.20	0.08	6.2	39.4	440
E846151		5.94	15.35	0.09	1.6	0.067	0.43	23.9	5.8	1.88	4580	1.42	4.90	4.7	9.1	660
E846152		5.21	14.05	0.22	1.6	0.127	1.00	200.0	22.1	2.67	5940	5.28	2.76	4.3	25.7	620
E846153		6.85	14.75	0.12	1.8	0.160	1.54	45.5	23.2	3.07	7190	9.78	2.36	5.0	35.7	830
E846154		9.53	12.65	0.28	1.8	0.256	1.28	273.0	51.8	3.47	7900	39.20	1.01	6.4	76.8	1070
E846155		17.65	7.78	0.39	0.3	0.393	0.02	370.0	22.1	4.15	14550	82.30	0.11	13.3	67.8	2280
E846156		19.55	4.86	0.36	0.3	0.348	0.03	286.0	10.5	4.04	10750	100.00	0.02	13.2	61.8	1680
E846157		14.05	2.49	0.27	0.1	0.197	0.03	216.0	3.8	4.51	14200	88.80	0.03	15.2	30.6	2010
E846158		13.85	2.96	0.29	0.1	0.286	0.02	226.0	4.9	4.82	17250	34.70	0.02	13.3	45.6	1840
E846159		1.00	22.20	0.06	3.7	0.097	3.52	47.8	27.7	0.47	102	8.46	0.07	10.0	9.4	820
E846160		0.88	17.50	0.06	3.2	0.053	3.06	17.2	14.2	0.30	106	18.35	0.07	7.6	7.1	500
E846161		0.85	22.20	<0.05	4.2	0.067	3.80	8.2	15.6	0.37	77	28.00	0.10	11.0	4.9	600
E846162		2.26	20.50	0.09	4.1	0.079	3.47	38.6	16.4	0.96	1440	15.55	0.10	8.2	20.8	770
E846163		3.46	13.55	0.12	2.7	0.111	2.67	33.3	14.7	3.10	7230	4.28	0.06	5.4	30.5	420
E846164		2.75	18.40	0.11	3.6	0.085	3.29	45.1	17.3	2.34	5740	5.99	0.09	9.1	11.5	560
E846165		2.53	18.40	0.09	3.9	0.080	3.51	47.3	17.7	2.43	5540	2.59	0.08	8.9	6.6	560
E846166		3.23	17.45	0.15	3.8	0.100	3.13	56.7	18.9	2.91	7250	8.11	0.08	8.6	17.1	570
E846167		4.82	10.20	0.12	2.3	0.091	1.84	30.1	12.8	4.29	11300	17.95	0.06	3.0	33.4	370
E846168		4.41	13.30	0.13	3.0	0.105	2.32	44.4	25.5	3.74	8180	24.90	0.07	4.6	30.3	470
E846169		4.17	15.60	0.14	3.7	0.111	2.58	41.2	23.7	3.81	8570	11.70	0.08	5.4	20.3	570
E846375		6.38	1.96	0.11	0.3	0.293	0.30	5.9	9.8	7.47	15750	0.87	0.02	0.8	1.8	80
E846376		5.46	12.40	0.17	2.6	0.028	8.26	26.3	6.1	1.66	1815	2.25	0.06	5.0	10.5	760
E846377		7.21	13.15	0.21	2.7	0.111	6.83	54.6	3.9	0.90	2250	2.93	0.07	8.9	6.5	800
E846378		10.80	17.35	0.29	2.6	0.021	5.49	80.0	15.6	1.07	192	2.00	0.06	4.8	32.1	630
E846379		9.72	17.50	0.25	3.6	0.021	6.48	34.5	12.5	0.94	198	4.06	0.06	8.7	26.9	650

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E839557		33.7	200.0	0.002	0.03	6.38	10.1	2	3.8	22.6	0.71	0.06	15.0	0.229	0.44	161.0
E839558		52.4	160.5	0.005	0.05	5.60	8.9	16	2.5	25.5	0.55	0.11	10.9	0.177	0.48	299.0
E839559		79.3	126.0	0.009	0.19	16.15	7.5	66	1.3	93.1	0.35	0.13	9.6	0.108	1.64	1750.0
E839560		72.1	152.0	0.002	0.06	10.35	9.3	6	2.4	35.8	0.57	0.05	10.7	0.176	0.63	770.0
E839618		83.8	12.6	<0.002	0.11	0.61	4.5	1	2.2	91.1	0.19	<0.05	3.1	0.050	0.09	12.0
E839619		19.0	8.1	<0.002	0.22	1.19	0.5	1	0.4	12.8	<0.05	0.07	1.0	0.010	0.18	8.9
E839620		3.8	30.6	<0.002	0.09	0.55	2.2	1	0.6	40.8	0.06	0.05	1.6	0.021	0.08	3.9
E839621		4.4	0.5	0.002	0.05	6.53	1.3	1	15.7	7.2	<0.05	0.20	<0.2	<0.005	<0.02	2.9
E839622		4.2	0.6	<0.002	0.21	0.73	15.0	3	0.7	63.9	0.09	0.12	0.8	0.007	<0.02	1.0
E839749		51.0	181.5	<0.002	0.12	1.64	11.3	1	2.0	25.4	0.94	0.06	16.0	0.282	0.62	4.8
E839750		21.3	55.9	<0.002	0.46	1.03	5.5	<1	1.0	65.4	0.40	0.08	8.9	0.135	0.34	2.5
E839974		16.3	255.0	<0.002	0.02	4.31	15.4	3	4.5	14.6	0.87	0.05	18.3	0.277	0.54	53.5
E839975		71.0	97.1	0.005	0.09	17.00	5.1	42	0.7	44.5	0.27	0.13	9.1	0.085	0.45	450.0
E839976		22.9	169.0	0.005	0.03	4.53	9.4	9	4.8	14.9	0.77	<0.05	14.1	0.245	0.47	100.5
E839977		83.3	117.0	0.005	0.07	13.55	11.1	16	2.4	46.9	0.64	0.24	12.2	0.190	0.93	450.0
E839978		57.9	147.0	0.011	0.20	6.67	8.7	7	1.7	54.9	0.47	0.06	8.8	0.138	0.43	201.0
E846151		2.0	19.7	<0.002	0.07	1.28	9.2	<1	3.3	22.2	0.36	<0.05	13.7	0.192	0.08	4.3
E846152		2.5	48.2	0.002	0.41	1.15	8.2	1	3.9	21.3	0.31	0.14	12.3	0.129	0.18	5.9
E846153		2.2	76.1	0.002	0.63	1.22	10.5	1	6.2	21.6	0.31	0.25	11.9	0.132	0.26	4.9
E846154		3.4	45.3	0.008	1.85	1.22	6.6	3	7.8	23.9	0.23	0.66	11.2	0.058	0.21	11.3
E846155		4.4	0.9	0.036	1.11	1.16	3.1	7	5.8	49.0	0.29	2.42	5.6	0.018	0.03	9.4
E846156		3.4	1.5	0.019	1.56	1.07	2.3	9	2.9	49.7	0.09	2.46	2.7	0.012	0.04	5.9
E846157		4.3	1.5	0.009	1.14	0.65	1.3	6	2.5	74.8	0.19	0.75	2.5	0.007	0.04	4.1
E846158		3.3	0.8	0.007	1.15	0.46	2.1	5	5.0	52.0	0.18	0.61	2.6	0.009	0.02	4.2
E846159		2.1	169.5	0.003	0.02	1.00	11.4	<1	16.2	8.3	0.61	<0.05	13.4	0.247	0.88	12.4
E846160		2.0	122.0	0.009	0.11	1.04	6.1	<1	4.6	13.6	0.48	0.07	12.6	0.191	0.70	27.5
E846161		2.9	159.5	0.007	0.11	1.13	3.6	<1	5.0	10.0	0.69	0.11	12.5	0.243	0.92	16.8
E846162		1.7	149.5	0.004	0.39	0.89	13.1	1	4.8	25.4	0.51	0.12	15.4	0.193	0.78	104.5
E846163		1.6	108.0	<0.002	0.57	0.71	9.1	1	2.9	29.4	0.31	0.06	9.7	0.138	0.53	18.4
E846164		1.4	139.5	<0.002	0.16	0.76	10.0	<1	3.4	24.6	0.54	<0.05	12.2	0.204	0.69	15.4
E846165		1.4	143.5	<0.002	0.14	0.68	10.1	<1	3.7	26.8	0.54	<0.05	13.2	0.203	0.73	3.9
E846166		2.8	150.0	<0.002	0.14	1.00	9.9	2	3.5	31.4	0.56	<0.05	13.3	0.199	0.68	5.9
E846167		2.9	87.2	<0.002	0.20	0.78	6.3	2	1.9	42.9	0.21	<0.05	8.1	0.090	0.44	17.3
E846168		2.9	109.5	<0.002	0.47	1.42	8.2	2	2.6	32.6	0.30	0.05	9.5	0.129	0.57	7.6
E846169		4.2	127.0	<0.002	0.33	1.59	9.0	2	2.9	34.8	0.37	0.05	11.1	0.147	0.66	6.0
E846375		1.7	10.8	<0.002	0.05	0.54	6.2	2	0.2	40.7	0.06	0.07	1.0	0.018	0.04	0.8
E846376		6.1	194.5	<0.002	0.01	1.37	9.2	2	2.1	16.8	0.57	0.09	14.3	0.141	0.39	4.7
E846377		3.7	171.5	<0.002	0.12	2.17	13.6	4	3.0	13.8	0.77	0.05	16.6	0.270	0.41	6.9
E846378		3.8	136.5	0.002	0.18	1.94	8.8	3	1.6	22.2	0.44	0.05	17.1	0.175	0.39	13.3
E846379		4.3	175.0	0.006	0.12	2.22	8.4	4	2.7	18.4	0.81	0.17	19.5	0.276	0.43	20.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 2-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E839557		70	8.6	44.5	6	93.0		
E839558		49	7.3	47.3	8	73.2		
E839559		33	3.9	91.1	10	66.7		0.18
E839560		43	5.7	79.8	4	66.3		
E839618		18	0.7	11.3	274	8.9		
E839619		4	0.9	6.9	92	8.0		
E839620		8	4.9	12.8	4	4.4		
E839621		16	41.3	1.9	<2	0.7		
E839622		41	3.0	16.1	13	1.1		
E839749		64	1.7	20.3	114	30.5		
E839750		24	0.9	12.7	68	82.8		
E839974		93	7.0	29.4	7	94.6		
E839975		16	2.0	55.5	3	73.5		
E839976		81	6.5	39.5	6	87.0		
E839977		57	5.2	123.0	19	75.3		
E839978		31	3.8	59.9	<2	54.6		
E846151		63	4.9	9.8	5	52.0		
E846152		47	6.4	19.7	16	50.0		
E846153		59	8.1	17.6	11	55.8		
E846154		44	7.5	30.5	30	53.0		
E846155		57	8.0	35.1	13	10.6		
E846156		57	3.6	24.2	11	9.0		
E846157		72	3.2	19.4	10	3.7		
E846158		113	5.3	25.1	9	3.9		
E846159		90	23.0	13.0	3	116.5		
E846160		55	11.3	8.2	3	90.3		
E846161		44	9.3	7.5	<2	112.0		
E846162		62	6.8	17.8	2	106.5		
E846163		46	4.2	27.7	4	81.0		
E846164		49	5.2	19.1	2	115.5		
E846165		51	5.8	18.9	<2	121.5		
E846166		51	6.0	22.2	9	124.0		
E846167		34	3.2	26.5	12	72.3		
E846168		49	4.4	22.2	12	91.2		
E846169		44	4.7	22.5	12	107.0		
E846375		3	0.2	33.7	13	8.8		
E846376		46	3.7	15.8	9	78.4		
E846377		79	3.1	16.3	<2	82.0		
E846378		79	1.8	11.4	8	86.8		
E846379		79	2.2	13.8	9	112.5		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E846380		0.71	0.015	0.23	7.75	183.5	1340	0.55	1.24	0.05	<0.02	>500	228.0	58	0.72	154.0
E846381		0.68	0.018	0.19	7.77	66.3	1350	0.78	1.24	0.06	0.02	322.00	146.5	54	0.74	600.0
E846382		0.55	0.032	0.19	6.15	70.4	1170	0.79	0.93	0.20	0.02	144.00	120.5	10	0.64	346.0
E846383		0.57	0.008	0.22	6.86	24.1	5800	0.78	0.52	0.44	0.05	40.00	193.5	2	0.66	6950.0
E846384		0.72	0.016	1.00	8.01	57.7	1290	1.00	4.04	0.15	0.17	103.00	60.6	58	1.59	347.0
E846385		0.86	0.057	3.52	8.03	359.0	1120	1.83	5.72	0.14	<0.02	285.00	184.5	56	2.62	3270.0
E846386		0.71	0.030	0.88	4.18	48.7	810	0.60	4.30	5.40	<0.02	172.00	35.8	27	5.49	1760.0
E846387		0.83	0.007	2.81	6.95	394.0	920	0.56	4.17	0.07	<0.02	26.10	85.5	61	1.11	151.0
E846388		0.67	0.008	0.26	6.15	14.4	280	1.79	0.21	5.16	<0.02	187.00	14.7	37	2.32	128.5
E846389		0.74	0.020	0.45	8.53	177.5	1840	1.07	1.27	0.18	0.03	94.20	152.5	61	0.84	1930.0
E846390		0.80	0.727	0.58	8.75	20.5	1490	7.24	1.47	1.10	<0.02	196.50	16.7	61	8.26	51.6
E846391		0.84	0.043	0.87	5.50	16.4	1570	0.48	1.07	6.24	0.05	72.80	201.0	30	0.67	6690.0
E846392		0.76	0.025	0.75	8.46	2.5	480	2.34	0.46	0.19	<0.02	140.50	4.1	56	4.93	>10000
E846393		1.58	0.038	0.08	7.20	3.1	750	0.60	0.68	3.04	<0.02	159.50	19.5	49	1.12	4020.0
E846394		0.71	0.671	0.46	3.00	14.5	210	1.11	10.55	0.53	<0.02	74.00	143.0	22	2.69	>10000
E846395		0.71	0.144	7.23	0.89	1260	30	0.25	282.00	14.45	0.15	18.45	209.0	7	0.43	>10000
E846396		0.91	0.027	1.73	1.05	62	30	0.33	3.01	13.55	0.06	19.55	24.4	10	0.60	3480.0
E846397		0.83	<0.005	0.10	6.13	11.9	1120	1.57	2.43	5.52	<0.02	18.30	11.8	38	2.02	362.0
E846398		0.70	0.223	0.01	6.65	7.9	1490	0.46	1.77	1.46	<0.02	64.30	49.8	14	0.83	1500.0
E846399		0.99	0.019	0.02	6.71	2.7	740	0.60	0.21	4.38	<0.02	59.30	13.9	41	1.16	183.0
E846400		0.39	0.015	0.08	6.97	2.2	1070	0.82	0.17	2.54	<0.02	93.40	7.1	50	1.43	1625.0
E846454		0.27	0.450	2.87	5.65	40.4	270	0.73	10.70	5.44	<0.02	209.00	592.0	30	0.83	>10000
E846455		1.44	<0.005	0.06	7.01	68.8	620	2.26	0.36	6.13	<0.02	168.00	7.0	37	3.43	62.3
E846456		0.92	<0.005	0.09	7.44	3.3	260	2.61	0.63	3.95	<0.02	>500	30.0	113	10.35	149.0
E846457		0.48	<0.005	0.13	7.75	2.2	1360	2.64	0.88	1.96	<0.02	198.00	20.2	50	11.75	2320.0
E846458		0.83	0.053	0.41	5.82	42.6	210	1.37	2.85	0.47	0.03	108.50	76.4	59	1.48	120.0
E846459		0.62	0.008	0.02	8.01	2.3	670	0.76	1.02	1.38	<0.02	25.40	18.5	63	0.90	31.5
E846460		0.78	0.011	0.23	5.88	13.2	230	0.98	10.85	0.34	0.03	25.50	56.9	36	1.21	47.9
E847001		0.99	0.006	0.13	5.09	1.9	340	0.97	0.14	8.70	0.05	406.00	7.6	24	1.79	5930.0
E847002		1.61	0.024	0.75	3.37	4.2	310	1.83	1.74	9.98	0.10	12.20	22.0	19	1.02	>10000
E847003		3.16	0.040	0.23	6.83	3.2	460	1.25	4.47	3.05	<0.02	31.20	22.0	31	1.64	2070.0
E847004		2.26	0.007	0.03	6.34	5.6	990	0.85	0.68	1.57	0.07	101.50	4.7	40	1.04	3990.0
E847005		1.20	0.006	0.13	5.57	2.4	1910	0.45	0.77	4.16	<0.02	253.00	11.1	31	0.90	5380.0
E847101		1.04	0.099	0.06	7.19	5.7	720	2.30	1.37	3.24	<0.02	127.50	20.3	42	2.00	4530.0
E847102		1.19	0.123	0.35	5.67	4.8	740	0.33	8.05	2.36	0.04	>500	11.5	42	0.62	>10000
E847103		1.49	0.016	0.09	8.62	6.2	340	0.50	2.80	1.05	<0.02	81.60	53.5	79	0.62	8050.0
E847104		0.96	0.005	0.11	7.09	7.4	750	0.57	0.14	1.52	0.02	288.00	13.9	39	0.77	446.0
E847105		0.35	<0.005	0.03	5.86	2.2	60	0.80	0.14	0.43	0.02	9.25	7.3	29	0.92	440.0
E847151		1.08	0.025	0.09	0.09	94.9	10	0.18	0.76	0.86	<0.02	5.51	277.0	<1	0.17	53.0
E847152		0.73	<0.005	0.04	4.66	9.7	290	1.44	0.19	0.04	0.02	140.00	10.5	34	4.61	28.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
Sample Description LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E846380	12.45	31.10	0.59	3.4	0.036	7.10	339.0	35.7	2.28	275	2.14	0.05	6.6	57.5	740
E846381	12.35	29.10	0.39	3.0	0.044	5.53	187.5	42.8	2.32	229	6.60	0.05	6.7	53.8	620
E846382	10.95	17.50	0.31	5.4	0.027	5.75	80.6	29.6	1.81	229	14.00	0.04	7.3	16.0	1270
E846383	11.00	12.90	0.25	7.1	0.096	5.65	22.2	14.7	1.22	339	13.65	0.05	6.3	12.9	2130
E846384	8.88	20.60	0.27	3.2	0.031	5.09	58.2	53.7	2.60	211	11.70	0.04	7.1	51.5	750
E846385	8.76	18.15	0.45	2.6	0.117	5.75	175.0	48.7	2.04	224	7.74	0.04	6.1	61.7	780
E846386	21.40	14.60	0.87	1.7	0.131	4.58	127.0	106.5	3.96	3130	45.50	0.03	42.0	29.7	1260
E846387	12.15	20.90	0.27	3.4	0.039	5.73	18.1	38.9	1.87	154	356.00	0.04	6.7	78.2	550
E846388	4.80	20.20	0.21	2.9	0.078	3.76	124.0	41.5	2.77	1940	9.80	0.04	10.3	17.5	720
E846389	4.33	29.80	0.21	5.0	0.038	6.48	49.3	56.4	2.01	241	14.30	0.06	6.7	43.2	670
E846390	9.11	56.00	0.36	4.2	0.247	4.85	113.0	78.0	1.82	608	21.10	0.05	17.3	60.5	890
E846391	8.50	10.10	0.21	2.2	0.167	6.53	47.0	6.8	2.81	2880	18.50	0.06	4.4	18.6	790
E846392	5.73	22.90	0.22	2.2	0.192	3.00	78.9	55.6	0.61	227	7.52	1.03	2.4	9.0	760
E846393	8.36	14.55	0.31	1.9	0.121	7.52	93.5	11.6	1.02	4530	2.68	0.09	7.2	12.3	650
E846394	24.70	14.05	0.45	0.8	0.226	1.13	41.9	9.9	0.63	1085	4.17	0.04	3.1	169.0	370
E846395	9.33	4.05	0.23	0.4	2.060	0.13	7.1	7.8	9.04	6210	0.95	0.04	1.2	532.0	50
E846396	3.96	3.26	0.11	0.5	1.085	0.42	10.5	4.0	7.10	3230	1.12	0.04	1.6	39.7	40
E846397	6.95	16.75	0.17	1.4	0.159	4.93	10.5	12.5	2.61	5020	0.83	0.05	7.0	15.7	590
E846398	3.70	8.05	0.18	4.3	0.054	5.70	33.6	4.2	0.55	1765	14.05	0.08	6.0	21.9	1410
E846399	8.19	12.75	0.20	1.3	0.068	7.15	33.3	5.6	1.98	3260	5.39	0.06	4.5	14.2	700
E846400	6.45	15.00	0.25	1.4	0.100	7.03	52.4	7.0	1.15	2110	4.07	0.06	2.7	11.4	760
E846454	11.80	15.40	0.42	0.9	0.843	4.51	120.5	28.1	2.56	5830	361.00	0.11	5.3	111.0	740
E846455	0.68	15.70	0.47	1.9	0.029	2.74	40.2	11.6	1.13	930	3.37	3.88	12.7	16.7	1060
E846456	7.47	93.00	5.78	2.5	0.401	1.39	2750.0	103.0	3.42	2460	3.85	0.70	4.9	101.5	10
E846457	3.50	19.20	0.30	1.3	0.076	2.94	108.0	58.0	1.57	1165	1.36	1.46	10.7	27.6	770
E846458	2.16	14.85	0.19	1.5	0.024	0.98	55.3	43.7	0.68	176	1.54	2.34	4.6	52.9	1760
E846459	2.77	22.70	0.17	2.8	0.022	7.18	12.2	15.7	0.89	1010	1.37	0.81	12.1	23.7	1000
E846460	8.08	13.30	0.14	1.6	0.086	4.58	13.6	22.8	0.91	364	2.20	0.02	5.2	33.8	590
E847001	5.71	15.20	0.40	1.2	0.322	3.13	214.0	16.4	4.68	6480	1.42	0.13	4.0	16.3	450
E847002	10.75	9.08	0.39	0.8	1.195	2.55	5.6	16.1	4.73	7560	0.99	0.02	1.6	52.5	350
E847003	6.73	17.25	0.58	2.3	0.144	4.84	16.9	12.9	1.89	2460	4.29	0.03	4.8	14.0	610
E847004	5.77	13.00	0.14	1.4	0.093	6.45	54.1	10.1	0.86	1680	0.90	0.05	5.5	7.3	710
E847005	5.02	11.30	0.28	1.4	0.167	5.87	138.0	7.8	1.78	3750	0.78	0.07	6.8	11.3	520
E847101	9.08	21.40	0.18	2.2	0.195	5.44	69.5	16.9	1.77	3270	12.60	0.03	5.2	21.5	710
E847102	7.18	14.90	1.13	1.7	0.248	5.50	570.0	31.6	1.87	2790	2.66	0.04	6.4	10.7	620
E847103	6.94	22.20	0.15	3.4	0.086	8.54	44.6	50.7	2.60	1710	11.40	0.04	10.3	116.5	790
E847104	8.24	12.00	0.32	1.8	0.061	7.26	159.0	18.9	0.94	2280	1.33	0.05	7.3	7.1	650
E847105	5.19	12.65	<0.05	1.0	0.029	0.88	4.7	45.4	0.65	348	0.50	2.34	2.4	10.7	690
E847151	>50	9.86	0.55	<0.1	0.030	0.02	2.8	1.4	0.34	1280	16.00	<0.01	0.2	263.0	40
E847152	2.17	11.90	0.16	1.5	0.032	1.62	69.9	2.7	0.13	412	0.56	0.78	7.6	14.8	140

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 2-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07084273

Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
Sample Description LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E846380	4.7	187.0	0.005	0.24	1.83	15.9	5	2.3	16.8	0.61	0.09	21.3	0.227	0.39	51.6
E846381	8.8	157.0	0.005	0.10	2.54	17.3	5	2.9	16.1	0.56	0.06	19.6	0.214	0.41	35.1
E846382	21.6	143.5	0.006	0.10	2.55	12.5	5	1.9	18.6	0.50	0.08	15.7	0.285	0.28	70.9
E846383	6.0	122.5	0.002	0.35	2.84	15.0	4	1.5	55.4	0.47	<0.05	15.3	0.306	0.34	28.2
E846384	52.7	106.0	0.004	0.56	2.81	12.0	7	1.8	13.0	0.60	0.13	18.3	0.201	0.33	58.2
E846385	145.5	128.5	0.012	0.63	4.29	12.3	41	3.8	12.2	0.56	0.35	16.7	0.198	0.34	272.0
E846386	17.5	249.0	0.057	0.20	4.41	13.2	5	18.9	20.3	0.65	2.24	9.2	0.129	0.77	71.2
E846387	97.6	107.0	0.005	2.90	30.70	29.0	3	2.7	23.4	0.41	0.13	4.9	0.728	21.70	7.2
E846388	5.4	177.5	0.003	0.20	1.80	11.0	2	6.5	18.3	0.78	0.13	17.8	0.235	0.79	11.5
E846389	8.7	84.9	<0.002	0.14	2.04	7.8	2	3.6	11.8	0.56	0.26	18.0	0.169	0.71	14.0
E846390	58.2	360.0	0.035	0.27	10.70	20.3	7	11.3	15.1	1.36	0.18	22.5	0.358	0.68	296.0
E846391	10.2	116.5	0.002	0.87	2.67	10.6	6	1.7	30.1	0.34	0.46	13.7	0.078	0.35	14.2
E846392	4.4	212.0	<0.002	0.11	2.46	12.6	5	2.9	15.9	0.26	<0.05	13.9	0.111	0.72	19.8
E846393	3.1	228.0	<0.002	0.31	1.54	13.0	4	5.8	18.0	0.67	0.08	15.8	0.252	0.57	5.7
E846394	3.0	89.6	<0.002	3.45	2.34	7.0	4	1.2	6.0	0.25	4.38	6.2	0.065	0.29	3.0
E846395	49.6	7.0	<0.002	1.93	23.00	7.8	4	1.3	70.3	0.93	<0.05	1.4	0.010	0.06	0.5
E846396	7.1	23.7	<0.002	0.46	2.45	6.9	3	1.3	43.8	0.83	<0.05	1.8	0.025	0.07	0.5
E846397	3.8	178.0	<0.002	0.05	1.62	23.0	2	2.8	23.2	0.57	<0.05	13.8	0.186	0.40	4.1
E846398	2.6	76.3	0.005	0.31	1.70	5.4	3	3.1	13.7	0.40	0.98	11.5	0.232	0.41	10.7
E846399	2.9	139.0	0.012	0.12	0.76	10.0	2	2.6	13.8	0.35	<0.05	11.5	0.205	0.42	2.6
E846400	4.7	185.5	0.011	0.06	1.04	12.0	2	2.4	12.0	0.20	<0.05	15.0	0.185	0.42	29.7
E846454	5.3	112.5	0.039	5.14	1.18	16.9	23	1.8	23.7	0.42	1.87	11.6	0.108	0.30	47.6
E846455	314.0	121.0	0.013	0.02	6.75	10.1	10	1.6	52.9	1.09	0.16	44.5	0.326	0.30	1080.0
E846456	39.7	127.5	0.014	0.02	1.98	93.8	20	7.7	514.0	0.64	0.05	710.0	0.621	0.71	12.1
E846457	6.1	163.5	0.008	0.02	0.65	12.0	2	2.5	285.0	0.90	<0.05	22.0	0.344	1.08	8.6
E846458	3.2	77.9	<0.002	0.44	1.20	9.1	2	1.2	41.5	0.34	0.42	13.2	0.148	0.24	1.8
E846459	3.4	184.5	<0.002	0.04	1.67	12.6	2	4.8	16.5	0.97	0.12	11.6	0.283	0.55	2.9
E846460	15.7	164.0	<0.002	5.97	3.21	8.6	2	3.0	8.9	0.43	0.22	9.7	0.192	3.40	5.6
E847001	2.4	150.5	<0.002	0.63	1.08	19.9	3	2.3	22.0	0.33	0.07	10.5	0.128	0.28	2.7
E847002	3.5	117.0	0.031	5.67	0.60	58.8	31	4.4	22.6	0.16	0.45	7.9	0.081	0.19	8.6
E847003	5.1	202.0	<0.002	0.47	1.70	11.9	3	2.4	13.9	0.77	0.77	12.7	0.132	3.13	9.1
E847004	4.8	171.5	<0.002	0.28	1.38	7.5	3	2.4	14.4	0.44	<0.05	14.7	0.184	0.38	2.9
E847005	3.1	172.0	<0.002	0.57	1.36	7.9	3	1.9	25.6	0.56	0.06	13.0	0.171	0.34	2.9
E847101	2.6	237.0	0.002	0.53	1.31	16.5	4	4.1	12.2	0.42	0.23	16.4	0.193	0.45	6.8
E847102	8.0	120.0	0.005	1.99	1.91	8.1	6	2.6	17.4	0.55	0.10	12.8	0.192	1.22	11.0
E847103	2.9	160.0	0.008	1.05	1.30	13.3	4	1.0	6.4	0.74	0.34	10.3	0.695	0.55	4.4
E847104	14.8	143.5	<0.002	0.15	2.30	7.9	2	3.0	10.8	0.64	<0.05	15.7	0.237	0.47	4.0
E847105	2.2	60.3	0.003	0.02	0.91	2.5	1	1.3	11.6	0.22	0.08	11.3	0.125	0.19	6.2
E847151	6.3	1.0	<0.002	0.77	1.13	3.1	2	<0.2	9.0	<0.05	1.01	0.2	<0.005	<0.02	0.3
E847152	5.6	107.0	<0.002	0.03	2.69	6.7	2	1.6	37.6	0.57	0.10	14.8	0.145	0.48	2.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E846380		93	1.7	14.4	21	106.0		
E846381		92	3.0	13.1	27	96.1		
E846382		134	1.3	24.4	22	194.0		
E846383		201	1.3	38.8	19	253.0		
E846384		76	7.2	17.7	45	96.7		
E846385		69	10.4	27.1	20	80.8		
E846386		146	52.8	19.4	12	56.0		
E846387		261	72.5	10.6	14	105.5		
E846388		68	11.2	19.5	7	87.1		
E846389		90	19.9	18.1	21	142.0		
E846390		90	24.8	46.7	12	117.5		
E846391		42	4.5	27.5	5	69.9		
E846392		68	1.6	8.7	7	69.7	1.205	
E846393		65	4.0	13.0	10	59.4		
E846394		49	17.2	8.0	12	26.2	3.30	
E846395		8	0.4	20.9	65	12.2	1.190	
E846396		11	0.5	12.2	28	17.8		
E846397		58	3.3	13.1	14	44.6		
E846398		41	6.5	14.4	6	154.0		
E846399		60	2.8	9.4	9	40.5		
E846400		66	2.8	9.5	19	45.7		
E846454		47	3.6	22.5	18	25.8	2.23	
E846455		45	7.2	144.0	7	45.7		0.11
E846456		184	1.9	238.5	101	55.6		
E846457		69	1.6	30.9	41	38.8		
E846458		58	2.5	8.5	9	50.1		
E846459		73	3.4	10.5	9	76.8		
E846460		83	2.2	6.7	10	48.4		
E847001		50	3.1	23.4	7	35.3		
E847002		30	2.4	15.9	13	22.7	5.65	
E847003		41	2.7	10.8	5	48.7		
E847004		62	2.4	7.0	22	40.6		
E847005		40	2.3	13.7	2	43.3		
E847101		82	4.8	12.4	3	59.7		
E847102		73	3.1	33.3	17	49.4	2.36	
E847103		162	2.8	10.0	31	102.5		
E847104		59	4.3	9.8	25	50.7		
E847105		49	1.0	4.5	8	29.3		
E847151		68	0.4	7.5	6	<0.5		
E847152		29	1.8	12.9	10	40.8		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
E847153		0.93	<0.005	0.06	9.26	3.4	700	2.77	0.39	0.04	0.03	152.00	8.5	28	10.95	23.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E847153		1.99	27.10	0.18	4.1	0.066	3.45	71.7	15.7	0.33	194	0.40	0.58	16.3	10.9	170

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E847153		11.4	226.0	0.002	0.02	0.71	12.0	2	4.2	61.0	1.33	<0.05	34.8	0.222	1.29	3.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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CERTIFICATE OF ANALYSIS VA07084273

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	1	0.1	0.1	2	0.5	0.001	0.01
E847153		40	1.9	13.1	37	105.0		

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-SEP-2007
Account: EIAFRG

CERTIFICATE VA07084274

Project: Werneckes

P.O. No.: FRG07-01

This report is for 32 Rock samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
U-XRF10	Fusion XRF - U Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07084274

Method	WEI-21	Au-AA23	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Analyte	Recvd Wt.	Au	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E839935	0.68	0.009		0.39	5.55	8.7	110	1.05	0.27	5.58	<0.02	108.00	2.6	29	2.56
E839936	0.60	<0.005		0.06	5.81	2.6	430	1.54	0.08	0.05	<0.02	160.50	3.5	22	1.51
E839937	1.05	0.117		0.83	7.29	2.3	440	2.32	1.18	0.05	<0.02	35.40	10.0	62	1.25
E839938	0.95	0.005		0.03	4.64	2.7	200	1.58	0.12	1.53	0.02	>500	19.1	36	1.05
E839939	1.37	<0.005		0.03	10.40	3.0	120	5.09	0.18	0.16	0.02	92.80	1.7	8	2.25
E839940	0.41	<0.005		0.01	7.83	1.3	60	1.95	0.09	0.17	<0.02	52.00	5.2	26	0.73
E839941	0.52	0.012		0.04	8.48	5.5	580	2.62	0.32	0.46	0.04	329.00	15.9	57	3.29
E839942	0.65	0.159		0.32	8.41	8.7	90	1.71	0.77	0.31	<0.02	23.40	19.2	41	0.44
E839943	0.93	0.027		0.03	8.27	3.7	200	2.65	0.92	0.29	<0.02	100.00	2.9	80	1.76
E839944	0.82	0.021		0.03	7.56	9.3	90	1.82	0.58	0.32	<0.02	90.90	2.3	29	0.55
E839945	0.58	0.014		0.14	8.94	3.1	610	2.83	1.31	0.19	<0.02	81.20	48.4	57	3.84
E839946	0.83	0.013		<0.01	7.98	3.6	110	1.93	0.77	0.40	0.02	62.20	1.3	25	0.38
E839947	1.10	0.092		0.11	8.57	6.8	160	1.69	1.18	0.35	<0.02	7.00	1.3	13	0.26
E839948	0.58	0.007		0.04	8.30	6.3	130	2.38	0.76	0.35	0.02	43.70	3.6	23	1.08
E839949	0.70	0.017		0.07	8.29	4.4	80	2.01	0.35	0.40	<0.02	53.20	20.5	47	0.54
E839950	1.07	<0.005		<0.01	7.56	2.5	80	1.50	0.28	0.42	0.04	83.60	4.7	126	0.40
E846275	1.23	0.045		0.07	7.99	5.9	50	1.60	0.96	0.30	0.02	26.50	3.1	17	0.19
E846276	0.56	0.404		0.11	8.36	4.5	110	19.30	0.70	0.34	<0.02	209.00	8.0	53	1.23
E846277	1.54	0.005		0.04	7.76	3.2	150	1.03	0.20	2.09	<0.02	117.50	3.2	44	0.44
E846278	0.62	<0.005		0.01	7.85	1.6	230	1.07	0.18	0.22	0.07	78.50	7.6	48	1.30
E846279	0.54	<0.005		0.01	8.62	0.7	310	1.89	0.11	0.23	0.03	219.00	5.5	62	2.41
E846280	0.81	0.124		0.03	7.27	1.7	30	2.53	0.35	0.29	0.02	36.10	3.3	47	0.19
E846281	0.87	<0.005		0.01	7.98	2.6	50	1.59	0.15	0.32	0.03	112.50	3.6	122	0.39
E846282	0.89	0.412		1.30	8.19	1.3	80	1.98	0.27	0.36	0.03	19.75	3.0	49	0.55
E846283	0.78	0.023		0.04	7.89	2.7	50	1.13	0.16	0.38	0.05	149.00	7.6	19	0.20
E846284	0.95	0.005		0.06	8.23	4.0	410	4.05	0.49	0.55	<0.02	255.00	2.9	30	4.12
E846285	0.64	0.037		0.06	6.19	5.1	520	1.57	0.60	0.90	0.02	99.80	9.9	30	0.38
E846286	0.89	<0.005		0.01	7.76	2.1	130	1.40	0.13	0.48	<0.02	68.00	4.1	42	1.16
E846287	0.89	<0.005		0.02	6.32	2.7	230	3.29	0.20	0.96	0.04	46.40	3.8	56	2.75
E846288	0.84	2.07	2.25	0.11	6.65	3.4	60	1.45	8.90	0.24	0.02	102.50	2.8	25	0.50
E846289	1.11	0.084		0.04	7.11	1.3	140	1.11	0.83	0.40	<0.02	18.35	5.7	28	0.21
E846290	0.98	0.097		0.05	7.72	1.6	150	1.94	5.38	0.25	0.05	16.15	4.3	31	1.67

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07084274

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
E839935		1460.0	3.57	12.80	0.15	1.4	0.130	2.21	53.1	44.2	2.95	4050	0.66	0.79	3.3	5.0
E839936		94.0	0.97	14.90	0.14	2.9	0.032	3.17	74.8	9.9	0.50	47	20.70	0.05	3.9	3.5
E839937		>10000	6.83	26.50	0.17	2.0	0.181	2.34	14.6	69.2	4.31	407	0.57	0.05	7.7	98.9
E839938		64.9	1.02	11.85	0.56	1.9	0.023	0.69	349.0	16.2	0.80	905	3.61	2.09	1.8	19.2
E839939		78.8	0.52	11.70	0.10	2.2	0.036	2.02	37.0	6.3	0.45	291	8.73	6.04	2.2	3.4
E839940		10.5	2.00	15.60	0.10	3.1	0.020	0.43	22.8	24.7	1.15	348	0.70	5.57	5.0	40.1
E839941		13.0	3.37	24.50	0.31	3.4	0.089	1.90	142.0	35.9	1.81	1160	0.47	2.87	8.7	70.7
E839942		20.8	1.09	14.90	0.10	3.7	0.038	0.19	5.5	10.1	0.38	225	0.61	6.85	6.9	17.4
E839943		6.8	1.30	19.30	0.13	4.0	0.053	1.00	38.6	16.0	0.82	290	0.23	5.07	5.6	26.2
E839944		138.0	0.89	17.35	0.13	3.3	0.027	0.24	33.6	10.2	0.45	171	0.31	5.86	5.5	16.1
E839945		7.6	4.09	23.70	0.16	3.3	0.075	1.92	30.5	52.3	1.84	546	0.91	3.04	3.1	59.6
E839946		48.6	0.66	14.25	0.08	3.2	0.027	0.22	24.5	6.7	0.26	603	0.26	6.41	7.6	5.9
E839947		64.4	0.43	18.70	0.05	4.1	0.016	0.13	1.7	4.8	0.11	153	0.31	7.57	8.2	3.0
E839948		18.7	0.90	18.95	0.12	3.4	0.047	0.58	11.6	12.5	0.42	164	0.36	6.17	6.2	12.5
E839949		16.4	1.40	16.30	0.11	3.3	0.025	0.28	22.0	12.6	0.68	189	0.34	6.18	5.6	26.1
E839950		17.8	1.59	15.15	0.12	3.8	0.025	0.24	33.4	15.1	0.93	1030	0.21	5.19	6.1	32.1
E846275		24.8	0.57	20.00	0.10	2.9	0.019	0.07	6.6	5.7	0.23	97	0.84	7.33	14.4	8.4
E846276		11.6	1.58	18.40	0.21	3.4	0.053	0.60	85.6	18.1	0.87	239	0.65	5.56	4.4	32.7
E846277		3.2	3.81	15.00	0.19	2.3	0.059	0.23	54.2	11.5	1.08	2770	0.91	5.61	4.5	9.7
E846278		1.6	3.38	16.45	0.13	1.9	0.063	0.92	31.0	16.5	0.74	1240	2.66	4.43	3.2	20.9
E846279		0.9	2.39	19.75	0.22	3.3	0.049	1.20	98.3	24.3	1.08	830	0.99	4.62	4.0	31.3
E846280		34.7	0.87	16.15	0.09	3.6	0.017	0.09	15.3	9.5	0.41	255	0.24	5.84	5.9	16.2
E846281		13.2	1.51	16.90	0.14	3.9	0.019	0.20	49.6	14.5	0.89	611	0.19	5.78	5.6	33.2
E846282		16.2	0.95	16.30	0.06	3.6	0.012	0.47	8.3	8.4	0.67	699	0.90	5.83	7.9	23.9
E846283		17.7	1.04	13.85	0.16	2.9	0.023	0.07	65.3	9.0	0.58	587	0.28	6.77	4.2	19.6
E846284		12.6	1.56	16.75	0.24	1.8	0.091	2.20	116.0	23.1	1.00	273	0.64	2.97	3.0	9.1
E846285		69.5	1.39	12.30	0.14	2.4	0.051	0.15	40.4	14.3	0.88	1600	0.35	4.23	3.7	24.1
E846286		3.0	1.74	16.90	0.11	2.2	0.031	0.65	28.5	16.1	0.45	650	0.57	5.24	4.8	12.6
E846287		9.7	2.43	8.57	0.11	1.7	0.068	2.39	20.7	25.6	1.18	1130	0.38	1.14	1.4	15.3
E846288		4.7	0.90	14.70	0.14	3.2	0.019	0.24	39.6	11.8	0.59	264	0.13	5.11	4.9	19.7
E846289		7.5	0.63	14.45	0.06	2.9	0.013	0.10	8.0	8.6	0.28	606	0.28	5.84	5.5	5.8
E846290		4.6	2.93	15.60	0.10	2.1	0.048	0.80	6.4	36.3	1.06	697	0.90	3.95	3.0	22.5

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 1-SEP-2007
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CERTIFICATE OF ANALYSIS VA07084274

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02
E839935		690	2.0	138.0	<0.002	0.03	2.48	9.1	1	1.1	21.4	0.30	<0.05	10.7	0.114	0.39
E839936		150	1.5	108.0	<0.002	<0.01	1.22	6.3	1	4.1	3.4	0.35	0.05	16.9	0.108	0.20
E839937		70	2.0	35.8	<0.002	1.30	1.38	10.7	5	3.4	3.9	0.73	<0.05	9.4	0.216	0.13
E839938		1890	5.0	61.2	<0.002	0.06	0.79	3.9	3	0.6	30.8	0.13	0.05	83.8	0.055	0.15
E839939		60	16.4	175.5	<0.002	0.01	4.10	2.0	2	0.2	117.5	0.22	<0.05	119.5	0.071	0.30
E839940		190	4.9	27.7	<0.002	<0.01	2.15	2.2	1	0.6	55.1	0.45	<0.05	19.9	0.098	0.10
E839941		840	32.8	118.0	<0.002	0.03	8.21	17.7	3	2.6	51.2	0.67	0.14	234.0	0.236	0.47
E839942		310	27.7	10.6	<0.002	0.06	7.29	4.0	3	0.8	98.6	0.56	0.31	179.5	0.195	0.16
E839943		320	20.8	92.2	<0.002	<0.01	7.19	9.4	3	1.0	87.7	0.45	0.36	171.5	0.183	0.26
E839944		180	29.0	21.4	<0.002	0.01	11.85	4.4	3	0.5	95.6	0.48	0.22	216.0	0.170	0.10
E839945		490	4.0	167.5	<0.002	0.11	1.60	11.0	1	1.8	47.9	0.28	0.27	8.5	0.094	0.62
E839946		140	13.6	17.2	<0.002	0.01	4.91	2.8	2	0.6	83.4	0.64	0.39	95.4	0.178	0.10
E839947		30	14.9	10.0	<0.002	0.01	6.41	1.5	2	0.6	105.5	0.63	0.68	45.1	0.158	0.09
E839948		200	30.3	60.4	<0.002	0.01	11.10	3.8	3	0.6	125.0	0.55	0.24	244.0	0.202	0.20
E839949		380	17.5	22.6	<0.002	0.04	5.64	3.2	2	0.6	124.0	0.52	0.13	114.5	0.152	0.15
E839950		130	18.3	20.1	<0.002	0.01	6.00	5.4	2	0.7	57.4	0.44	0.12	137.0	0.192	0.15
E846275		20	27.5	3.0	<0.002	0.01	10.20	2.2	3	0.5	97.4	1.08	0.09	184.5	0.212	0.10
E846276		340	28.9	50.9	<0.002	0.02	7.84	5.3	3	0.6	108.5	0.44	0.07	182.5	0.150	0.27
E846277		800	10.4	13.4	<0.002	0.02	2.81	5.9	2	2.2	45.1	0.45	0.11	61.3	0.185	0.12
E846278		640	2.8	56.3	<0.002	0.02	0.96	8.7	2	2.0	35.5	0.26	0.07	12.7	0.138	0.32
E846279		480	2.4	78.4	<0.002	<0.01	1.00	9.2	1	1.7	54.0	0.33	0.15	12.8	0.106	0.31
E846280		220	11.7	6.1	<0.002	0.01	4.85	3.0	2	0.5	70.7	0.49	0.09	88.1	0.140	0.04
E846281		300	21.5	17.8	<0.002	<0.01	6.97	4.6	2	0.6	73.4	0.42	0.07	169.5	0.179	0.10
E846282		180	6.6	34.6	<0.002	<0.01	1.88	4.0	1	0.6	77.8	0.56	1.32	18.8	0.156	0.10
E846283		220	10.1	3.6	<0.002	0.02	3.61	2.3	2	0.4	63.2	0.39	0.10	59.7	0.103	0.04
E846284		2400	11.0	224.0	<0.002	0.03	2.50	1.2	2	0.4	32.5	0.22	0.24	51.1	0.052	0.62
E846285		320	18.8	13.7	<0.002	0.03	5.63	4.1	2	0.4	64.5	0.39	0.19	154.5	0.119	0.06
E846286		680	3.8	55.1	<0.002	0.01	1.41	6.2	1	2.0	67.0	0.42	0.08	14.3	0.123	0.17
E846287		2740	5.8	198.5	<0.002	0.02	2.22	2.6	2	0.4	19.1	0.11	<0.05	32.6	0.047	0.48
E846288		270	20.0	22.2	<0.002	<0.01	7.42	3.8	2	0.4	69.1	0.41	6.00	181.0	0.152	0.10
E846289		150	6.1	6.5	<0.002	0.02	1.34	1.8	1	0.5	53.4	0.45	0.70	15.1	0.102	0.05
E846290		320	11.2	75.1	<0.002	0.01	3.07	4.9	2	0.9	52.8	0.26	3.64	74.6	0.093	0.23

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07084274

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	U-XRF10
	Analyte	U	V	W	Y	Zn	Zr	Cu	U
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	0.1	1	0.1	0.1	2	0.5	0.001	0.01
E839935		2.5	44	1.1	15.6	7	39.9		
E839936		21.1	34	6.3	11.9	<2	79.3		
E839937		4.8	66	2.1	3.1	50	52.6	1.855	
E839938		33.7	19	4.7	23.3	8	53.1		
E839939		740.0	5	2.6	15.0	7	59.4		
E839940		108.0	18	3.0	7.2	20	89.1		
E839941		1500.0	82	2.1	43.0	32	93.9		0.16
E839942		820.0	13	3.5	42.1	8	107.0		
E839943		1080.0	50	3.0	41.8	13	120.5		0.11
E839944		1340.0	17	3.2	40.6	6	93.0		0.14
E839945		13.4	76	1.6	5.7	31	94.3		
E839946		690.0	14	3.8	21.1	6	89.5		
E839947		269.0	7	4.1	15.2	4	128.5		
E839948		1540.0	17	3.6	65.5	8	94.2		0.16
E839949		500.0	23	2.0	20.2	11	97.1		
E839950		890.0	33	3.5	25.8	23	110.0		
E846275		1350.0	8	3.1	47.5	6	81.6		0.15
E846276		900.0	30	1.8	34.8	16	98.1		
E846277		334.0	42	1.5	26.6	9	63.7		
E846278		5.8	59	1.3	7.0	21	54.9		
E846279		4.8	60	1.6	7.7	25	93.2		
E846280		530.0	21	2.9	17.0	10	103.0		
E846281		1210.0	34	2.3	29.9	24	117.5		0.12
E846282		100.0	29	4.9	13.3	9	102.5		
E846283		346.0	10	3.1	21.5	13	82.1		
E846284		215.0	11	2.8	22.5	12	52.5		
E846285		920.0	19	2.1	28.2	15	66.8		
E846286		4.8	37	4.3	7.8	12	62.6		
E846287		178.0	36	4.2	25.2	25	45.6		
E846288		1280.0	19	4.0	40.6	8	91.7		0.14
E846289		68.1	7	3.2	8.5	5	83.7		
E846290		420.0	31	1.4	15.3	20	58.8		

Comments: REE's may not be totally soluble in MS61 method.

Appendix I.3: Certificates of Analysis Soil

Geochemistry

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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

CERTIFICATE VA07062601

Project: Werneckes

P.O. No.: FRG07-01

This report is for 149 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
DRY-22	Drying - Maximum Temp 60C
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840201		0.26	0.010	0.35	0.83	53.8	<0.2	<10	80	0.48	0.90	0.07	0.61	27.20	20.4	14
E840202		0.38	<0.005	0.77	1.17	1990.0	<0.2	<10	120	0.51	3.84	0.02	0.50	19.15	8.0	6
E840203		0.32	<0.005	0.70	0.49	231.0	<0.2	<10	30	0.70	2.85	3.21	0.32	33.90	18.8	3
E840204		0.20	<0.005	1.23	0.85	218.0	<0.2	<10	90	1.24	5.74	0.57	0.88	44.20	33.0	5
E840205		0.40	0.023	3.82	0.59	1415.0	<0.2	<10	170	0.58	42.90	0.26	0.23	66.00	243.0	4
E840206		0.40	0.011	0.63	2.06	325.0	<0.2	<10	210	2.38	18.00	0.31	0.27	278.00	211.0	23
E840207		0.32	0.012	0.23	2.78	537.0	<0.2	<10	240	2.71	7.68	0.07	0.13	202.00	412.0	34
E840208		0.36	0.011	1.39	1.07	506.0	<0.2	<10	260	0.69	19.25	0.56	0.62	63.60	121.5	9
E840209		0.34	0.008	0.46	1.90	151.5	<0.2	<10	120	0.97	0.87	0.12	0.87	98.90	44.6	34
E840210		0.32	0.012	0.53	1.49	152.5	<0.2	<10	110	0.81	1.80	0.18	0.31	164.50	67.2	20
E840211		0.42	0.005	0.18	2.27	93.0	<0.2	<10	60	1.98	1.96	0.13	0.10	196.50	49.2	26
E840212		0.50	0.009	0.17	1.96	92.1	<0.2	<10	110	2.09	1.67	0.14	0.08	239.00	45.6	24
E840213		0.14	0.027	0.94	0.93	284.0	<0.2	<10	710	0.78	8.28	1.46	0.66	76.30	99.7	9
E840214		0.38	0.014	0.38	0.79	100.5	<0.2	<10	420	0.40	1.41	3.80	0.34	57.10	94.0	6
E840215		0.32	0.024	0.39	0.65	135.5	<0.2	<10	160	0.39	1.61	2.68	0.30	89.30	99.2	4
E840216		0.30	0.006	0.77	0.96	66.9	<0.2	<10	320	0.68	9.39	0.69	0.89	88.00	43.5	13
E840217		0.36	<0.005	0.55	0.41	73.9	<0.2	<10	250	0.45	1.25	0.50	0.45	50.80	15.1	4
E840218		0.38	<0.005	0.23	1.24	151.5	<0.2	<10	90	0.32	4.76	0.04	0.15	45.30	14.2	17
E840219		0.16	<0.005	0.20	0.75	31.4	<0.2	<10	220	0.70	0.53	1.05	0.61	21.40	16.6	8
E840220		0.32	0.007	0.26	0.87	126.0	<0.2	<10	110	0.93	2.46	0.58	0.26	36.70	18.1	13
E840221		0.28	<0.005	0.85	0.60	141.0	<0.2	<10	160	0.85	2.55	0.35	0.39	35.90	26.1	7
E840222		0.42	<0.005	0.35	0.84	102.0	<0.2	<10	100	0.51	2.09	0.29	0.17	25.20	18.8	13
E840223		0.24	<0.005	0.16	0.57	231.0	<0.2	<10	40	0.41	5.90	0.14	0.26	53.10	85.7	10
E840224		0.38	NSS	0.19	0.80	80.2	<0.2	<10	60	0.39	1.63	0.05	0.18	30.00	17.5	13
E840225		0.42	0.007	0.25	1.32	163.5	<0.2	<10	210	1.18	3.61	0.06	0.22	40.00	103.5	19
E840226		0.56	0.012	0.40	1.11	156.5	<0.2	<10	290	1.19	5.55	0.06	0.21	43.50	231.0	14
E840227		0.26	0.005	0.11	1.24	143.5	<0.2	<10	220	1.31	2.09	0.45	0.26	29.90	96.3	17
E840228		0.30	0.009	0.13	1.24	93.5	<0.2	<10	130	0.95	2.04	0.19	0.12	47.70	56.4	18
E840229		0.38	0.006	0.24	1.66	150.5	<0.2	<10	210	1.67	2.70	0.09	0.21	51.80	118.0	22
E840230		0.46	0.006	0.22	2.28	136.0	<0.2	<10	180	2.11	3.13	0.06	0.55	108.00	133.0	22
E840231		0.40	0.006	0.19	1.56	47.7	<0.2	<10	280	1.70	1.16	0.20	0.20	64.40	69.5	22
E840232		0.38	0.009	0.45	1.15	50.6	<0.2	<10	950	1.27	1.95	0.37	0.17	68.10	92.1	18
E840233		0.20	0.005	0.26	2.25	168.0	<0.2	<10	60	2.31	1.59	0.17	0.37	61.10	46.6	21
E840234		0.36	0.010	0.50	2.44	245.0	<0.2	<10	70	2.09	1.93	0.05	1.06	96.70	64.6	23
E840235		0.32	0.009	0.11	2.15	37.0	<0.2	<10	70	1.52	0.88	0.07	0.29	60.80	30.3	31
E840236		0.46	<0.005	0.29	3.65	18.2	<0.2	<10	120	1.13	0.51	0.42	0.76	47.10	89.9	687
E840237		0.36	0.005	0.77	3.77	60.5	<0.2	<10	100	1.94	1.79	0.28	1.08	58.40	86.3	662
E840238		0.42	0.006	0.45	2.27	59.4	<0.2	<10	50	1.39	1.05	0.24	1.32	78.50	48.6	274
E840239		0.14	0.014	0.59	1.02	119.0	<0.2	<10	50	1.23	2.63	0.13	0.42	53.40	6.0	23
E840240		0.38	0.008	0.87	2.54	127.0	<0.2	<10	40	2.15	3.69	0.01	0.24	95.40	55.1	36

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840201		1.30	42.4	3.74	5.14	0.07	<0.02	0.08	0.049	0.06	13.2	7.0	0.21	2550	2.64	0.02
E840202		0.83	107.0	6.17	3.80	0.09	0.04	0.04	0.173	0.21	9.2	16.4	0.30	429	4.23	0.02
E840203		0.46	89.5	5.29	1.30	0.09	0.09	0.08	0.170	0.04	16.7	5.1	1.70	11050	1.97	0.02
E840204		1.18	103.5	5.84	2.11	0.09	0.17	0.10	0.249	0.06	21.0	14.9	0.49	7360	3.41	0.01
E840205		0.96	1805.0	7.84	2.61	0.11	0.06	0.03	0.611	0.21	36.6	6.6	0.16	6680	5.53	0.01
E840206		2.64	692.0	6.68	6.82	0.27	0.13	0.17	0.248	0.08	148.5	31.0	0.33	15900	2.69	0.01
E840207		6.53	1110.0	6.98	8.17	0.16	0.08	0.09	0.141	0.07	51.6	50.8	0.73	7670	3.39	0.01
E840208		2.16	501.0	6.55	3.03	0.12	0.11	0.03	0.240	0.12	29.9	15.8	0.49	9040	4.99	0.02
E840209		3.95	118.0	4.75	5.62	0.10	0.02	0.06	0.062	0.08	34.1	23.7	0.64	2190	1.87	0.01
E840210		1.42	206.0	3.63	4.76	0.15	0.04	0.02	0.046	0.05	72.6	22.3	0.64	1760	0.66	0.01
E840211		2.93	547.0	4.25	6.50	0.15	0.10	0.04	0.060	0.04	67.2	53.9	0.63	1210	1.46	0.01
E840212		3.12	777.0	4.65	6.74	0.25	0.09	0.04	0.061	0.05	121.5	47.7	0.70	2040	2.21	0.01
E840213		0.92	670.0	7.80	2.66	0.12	0.17	0.19	0.190	0.08	48.2	12.0	0.50	7670	23.00	0.03
E840214		0.76	736.0	23.10	3.29	0.24	0.14	0.06	3.470	0.04	29.8	5.8	0.63	>50000	4.89	0.02
E840215		0.85	442.0	23.50	3.24	0.26	0.16	0.09	4.220	0.03	46.1	4.3	0.88	>50000	5.19	0.02
E840216		0.66	128.0	7.64	2.99	0.12	0.12	0.07	0.125	0.04	47.1	8.5	0.39	12350	1.91	0.02
E840217		0.44	72.7	4.75	1.54	0.08	0.06	0.06	0.053	0.03	24.6	4.1	0.23	6440	1.05	0.01
E840218		1.87	71.5	5.22	7.13	0.07	<0.02	0.07	0.065	0.06	21.2	9.4	0.14	4250	2.45	0.01
E840219		0.74	29.7	4.89	2.13	0.06	0.07	0.07	0.115	0.04	10.5	6.1	0.28	5200	0.98	0.01
E840220		1.15	69.8	4.37	2.70	0.06	0.06	0.05	0.118	0.05	14.7	9.8	0.24	4020	3.24	0.01
E840221		0.74	74.8	4.30	1.50	0.07	0.10	0.09	0.077	0.04	19.1	7.7	0.21	2710	2.40	0.01
E840222		0.95	85.3	5.42	2.97	0.06	0.02	0.03	0.072	0.04	11.3	11.9	0.19	2890	2.34	0.01
E840223		1.01	122.0	6.13	3.30	0.09	<0.02	0.05	0.090	0.05	24.9	2.9	0.09	2510	2.83	0.01
E840224		1.07	44.5	4.81	3.63	0.06	<0.02	0.03	0.068	0.04	13.5	6.9	0.11	2630	2.31	<0.01
E840225		2.06	382.0	5.27	4.08	0.07	0.04	0.07	0.171	0.06	15.4	17.7	0.24	10500	3.01	0.01
E840226		2.65	1035.0	6.95	3.71	0.09	0.06	0.07	0.642	0.07	19.2	13.3	0.20	16250	8.35	0.01
E840227		1.34	169.5	4.56	4.29	0.06	0.05	0.06	0.204	0.05	13.9	16.0	0.32	9860	3.61	0.01
E840228		1.08	220.0	5.67	3.63	0.07	0.02	0.04	0.121	0.04	18.6	18.2	0.35	2530	5.90	0.01
E840229		1.98	659.0	11.05	5.89	0.14	0.05	0.08	0.400	0.05	23.4	15.9	0.21	9490	8.63	0.01
E840230		1.88	399.0	10.05	5.15	0.14	0.10	0.20	0.369	0.05	31.1	24.5	0.28	13150	5.98	0.01
E840231		1.90	237.0	7.80	4.24	0.12	0.08	0.07	0.225	0.06	33.3	25.8	0.48	8610	8.38	0.01
E840232		1.66	336.0	6.23	3.33	0.11	0.14	0.08	0.150	0.07	38.5	18.1	0.51	7070	8.36	0.02
E840233		5.29	85.7	10.20	5.30	0.16	0.07	0.04	0.064	0.10	25.6	34.4	1.07	3580	24.40	0.01
E840234		5.27	143.5	11.55	5.35	0.21	0.09	0.03	0.084	0.12	44.2	34.6	1.03	4120	25.40	0.02
E840235		5.20	54.5	4.97	7.68	0.10	0.03	0.05	0.059	0.09	25.6	30.6	0.81	2180	3.50	0.01
E840236		13.65	119.0	7.07	11.25	0.27	0.06	0.03	0.067	0.22	18.4	115.0	5.02	1920	1.57	0.02
E840237		9.13	206.0	11.25	10.00	0.29	0.08	0.03	0.090	0.20	24.8	93.4	4.03	1710	4.71	0.02
E840238		5.10	104.0	7.97	5.98	0.20	0.11	0.02	0.052	0.22	34.9	53.7	2.44	2260	11.85	0.02
E840239		2.20	89.2	9.06	6.21	0.14	0.03	0.12	0.067	0.08	29.4	5.3	0.14	253	10.85	0.01
E840240		3.77	254.0	17.70	5.73	0.25	0.08	0.03	0.098	0.04	32.3	23.2	0.56	3140	12.65	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840201		0.23	26.7	930	44.2	10.4	<0.001	0.09	4.95	0.8	0.7	0.3	4.4	<0.01	0.08	0.7
E840202		0.15	11.9	930	32.3	18.1	<0.001	0.51	6.56	1.3	0.8	<0.2	28.2	<0.01	0.10	12.0
E840203		0.05	29.0	840	21.0	5.0	<0.001	0.12	3.78	2.8	0.9	<0.2	26.9	<0.01	0.06	4.6
E840204		0.10	36.8	700	45.7	7.6	<0.001	0.11	5.65	2.6	1.0	0.2	9.6	<0.01	0.29	6.0
E840205		0.14	85.1	650	47.7	12.3	0.001	0.49	10.20	4.9	1.2	0.4	20.3	<0.01	0.19	11.5
E840206		0.28	108.0	1590	20.4	12.4	0.001	0.07	3.52	5.6	1.7	0.3	12.6	0.01	0.19	21.4
E840207		0.44	154.5	750	22.4	12.2	<0.001	0.04	2.58	5.9	1.0	0.4	7.8	0.01	0.17	15.2
E840208		0.33	68.7	790	54.0	11.8	<0.001	0.14	5.43	2.8	0.9	0.3	16.0	0.01	0.24	6.7
E840209		0.52	43.0	1000	109.5	17.0	<0.001	0.06	2.64	1.7	0.8	0.4	8.1	<0.01	0.12	1.8
E840210		0.47	56.5	570	28.9	7.3	<0.001	0.02	2.05	2.6	0.5	<0.2	5.3	0.01	0.09	23.2
E840211		0.43	41.5	850	7.9	9.7	<0.001	0.02	1.02	3.7	0.7	0.3	7.1	0.01	0.11	22.7
E840212		0.27	39.5	810	8.9	8.5	<0.001	0.02	1.32	4.7	1.0	0.4	6.3	0.01	0.09	20.6
E840213		0.30	42.7	1990	30.6	7.8	0.001	0.23	3.86	3.2	1.7	0.4	16.6	0.01	0.46	5.3
E840214		0.19	38.8	600	13.3	4.2	<0.001	0.07	1.46	15.9	1.2	0.2	49.8	0.01	0.14	4.4
E840215		0.17	38.1	700	17.0	3.6	0.001	0.10	1.67	16.3	1.3	<0.2	81.8	0.01	0.21	5.3
E840216		0.25	49.0	700	63.0	6.0	<0.001	0.07	2.71	4.4	0.9	0.3	20.9	0.01	0.12	5.2
E840217		0.12	27.3	690	16.6	3.4	<0.001	0.04	3.14	2.9	0.6	<0.2	10.2	0.01	0.08	4.9
E840218		0.57	22.9	690	11.9	14.1	<0.001	0.03	2.80	2.0	0.7	0.8	6.6	<0.01	0.09	2.4
E840219		0.17	26.5	1070	14.0	5.6	<0.001	0.09	7.17	2.7	0.9	0.2	15.4	0.01	0.07	2.0
E840220		0.21	33.8	1010	21.6	9.5	<0.001	0.06	5.58	2.3	0.6	0.2	11.4	<0.01	0.09	4.8
E840221		0.13	43.6	690	21.0	4.8	<0.001	0.04	5.32	2.9	0.7	<0.2	9.3	<0.01	0.08	6.3
E840222		0.19	29.9	1310	12.9	7.5	<0.001	0.06	3.65	1.4	0.5	0.2	8.5	<0.01	0.06	2.7
E840223		0.28	36.6	880	19.2	6.3	<0.001	0.05	5.47	1.5	0.5	0.3	5.3	<0.01	0.08	2.4
E840224		0.23	18.4	780	8.6	7.3	<0.001	0.03	1.65	1.4	0.4	0.3	3.4	<0.01	0.08	1.9
E840225		0.19	44.8	1410	15.1	10.9	<0.001	0.06	2.08	2.0	0.8	0.3	6.1	<0.01	0.08	3.7
E840226		0.10	63.8	1620	14.5	9.9	<0.001	0.05	2.63	3.2	0.9	0.3	6.7	<0.01	0.08	4.0
E840227		0.17	64.8	1190	8.5	7.5	<0.001	0.07	1.51	2.2	0.7	0.4	11.1	<0.01	0.10	2.3
E840228		0.35	39.2	720	7.1	6.5	<0.001	0.04	1.55	2.2	0.5	0.3	7.1	<0.01	0.10	3.0
E840229		0.29	41.4	1720	11.2	8.7	<0.001	0.08	2.02	7.3	0.9	0.5	5.0	0.01	0.14	3.6
E840230		0.41	75.7	1530	19.4	9.1	<0.001	0.05	2.17	6.0	1.4	0.4	8.2	0.01	0.15	5.4
E840231		0.27	41.0	1290	9.8	9.5	<0.001	0.07	1.23	8.0	0.9	0.3	6.3	<0.01	0.13	7.1
E840232		0.19	52.9	640	8.6	7.4	<0.001	0.07	1.68	8.4	1.0	0.2	9.4	0.01	0.11	12.1
E840233		0.24	83.3	2360	85.7	19.7	<0.001	0.16	6.27	2.0	1.5	0.3	22.4	0.01	0.30	11.3
E840234		0.36	117.0	2100	125.5	24.7	0.001	0.13	6.77	3.3	2.3	0.3	16.8	0.01	0.42	21.9
E840235		0.57	34.1	740	58.6	22.6	<0.001	0.05	2.68	2.3	0.8	0.6	9.2	<0.01	0.11	2.7
E840236		1.18	380.0	680	103.5	27.4	<0.001	0.07	3.66	14.3	0.7	0.7	9.3	<0.01	0.06	6.9
E840237		0.72	354.0	1370	126.0	23.4	0.001	0.16	6.85	15.1	1.7	0.6	12.8	<0.01	0.22	27.8
E840238		0.23	182.0	890	76.9	28.2	0.001	0.08	4.74	4.8	1.3	0.3	12.1	0.01	0.19	17.3
E840239		0.58	14.6	2320	64.9	13.3	0.001	0.13	6.10	1.2	1.6	0.3	22.0	0.01	0.35	17.4
E840240		0.76	40.7	2450	83.8	10.5	<0.001	0.17	5.25	3.5	2.6	0.3	4.7	0.02	0.48	62.8

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840201		0.010	0.25	1.43	21	0.09	3.11	244	0.5
E840202		<0.005	0.32	3.18	7	0.06	2.57	170	1.1
E840203		<0.005	0.15	3.26	4	<0.05	15.70	172	2.6
E840204		<0.005	0.27	2.42	8	0.11	16.35	684	3.4
E840205		<0.005	0.51	5.46	8	0.09	7.53	55	2.1
E840206		0.011	0.22	6.02	28	0.16	46.30	50	1.3
E840207		0.027	0.25	3.32	42	0.23	13.90	58	1.0
E840208		0.013	0.37	2.30	16	0.12	14.25	222	2.0
E840209		0.025	0.20	1.24	34	0.17	7.15	382	<0.5
E840210		0.011	0.09	1.43	15	0.09	12.75	157	0.7
E840211		0.016	0.10	1.97	28	0.25	12.75	62	1.7
E840212		0.013	0.25	3.20	25	0.24	22.90	67	1.0
E840213		<0.005	4.52	10.90	29	1.05	14.85	340	3.8
E840214		0.009	0.15	1.29	41	0.17	31.10	64	3.3
E840215		0.008	0.15	1.67	44	0.15	33.30	69	2.6
E840216		0.017	0.28	1.01	24	0.14	15.45	293	2.2
E840217		0.007	0.10	0.57	9	0.07	12.20	162	1.0
E840218		0.022	0.22	1.31	56	0.17	4.39	58	<0.5
E840219		0.010	0.07	0.80	15	0.08	11.70	201	1.3
E840220		0.007	0.20	1.94	14	0.07	6.09	215	1.0
E840221		<0.005	0.19	1.39	9	0.07	15.90	279	1.9
E840222		0.006	0.19	1.50	16	0.07	3.91	155	<0.5
E840223		0.013	0.18	1.50	21	0.09	3.18	187	<0.5
E840224		0.012	0.07	0.80	20	0.09	3.05	112	<0.5
E840225		0.010	0.16	2.22	22	0.12	6.35	55	0.7
E840226		0.007	0.23	4.28	17	0.12	11.95	58	0.9
E840227		0.012	0.13	2.07	28	0.13	8.81	45	0.8
E840228		0.017	0.08	1.14	31	0.24	4.80	40	<0.5
E840229		0.011	0.16	1.57	37	0.14	5.94	53	1.0
E840230		0.019	0.13	2.21	36	0.18	11.70	150	1.3
E840231		0.011	0.11	1.80	34	0.18	12.55	51	1.3
E840232		0.008	0.11	1.83	24	0.17	19.80	47	2.9
E840233		0.022	0.46	6.46	27	0.19	18.15	168	1.0
E840234		0.031	0.60	10.90	29	0.20	31.00	360	0.9
E840235		0.035	0.22	1.55	48	0.16	8.20	192	<0.5
E840236		0.152	0.41	1.52	157	0.16	13.90	325	0.9
E840237		0.100	0.46	3.62	114	0.18	17.85	391	1.1
E840238		0.047	0.54	5.38	45	0.12	20.30	463	2.5
E840239		0.010	0.10	2.29	26	0.14	7.29	106	<0.5
E840240		0.027	0.20	8.27	31	0.14	22.50	165	1.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840241		0.34	0.026	0.99	2.05	84.4	<0.2	<10	90	1.64	1.91	0.59	1.86	109.00	46.9	27
E840242		0.40	0.013	0.70	2.18	337.0	<0.2	<10	50	2.32	4.74	0.03	0.40	127.00	5.9	34
E840243		0.42	<0.005	0.32	2.26	23.4	<0.2	<10	120	2.24	0.91	0.03	0.52	229.00	8.7	24
E840244		0.26	<0.005	0.62	1.49	20.8	<0.2	<10	60	1.44	1.12	0.02	0.67	148.50	4.2	18
E840245		0.30	<0.005	0.46	2.04	37.3	<0.2	<10	100	1.64	1.55	0.04	0.52	123.50	10.6	24
E840246		0.48	<0.005	0.38	2.06	31.3	<0.2	<10	120	2.76	0.93	0.14	0.66	371.00	60.3	31
E840247		0.22	0.006	0.16	1.35	20.7	<0.2	<10	60	0.75	0.82	0.05	0.15	62.00	7.6	19
E840248		0.10	<0.005	0.31	1.13	21.2	<0.2	<10	140	1.32	1.26	0.07	0.40	89.70	9.4	14
E840249		0.28	<0.005	0.28	1.79	21.5	<0.2	<10	100	1.77	1.34	0.06	0.47	126.00	10.9	22
E840251		0.40	<0.005	0.23	2.07	21.3	<0.2	<10	60	2.40	0.99	0.04	0.40	260.00	32.4	28
E840252		0.36	0.007	0.71	2.25	141.5	<0.2	<10	90	3.43	1.85	0.06	0.61	217.00	28.0	27
E840253		0.20	0.005	0.60	1.88	73.1	<0.2	<10	70	2.44	2.65	0.04	0.24	193.50	12.5	25
E840254		0.28	0.006	0.57	1.99	102.0	<0.2	<10	80	2.21	2.81	0.04	0.14	161.50	9.7	28
E840255		0.26	<0.005	0.69	1.90	109.5	<0.2	<10	70	1.85	2.36	0.04	0.18	134.50	7.8	26
E840256		0.22	<0.005	0.48	1.94	45.7	<0.2	<10	70	1.84	1.24	0.05	0.26	120.00	8.4	26
E840257		0.42	0.007	0.84	1.99	75.9	<0.2	<10	70	1.97	2.36	0.02	0.17	140.00	11.0	28
E840258		0.42	<0.005	0.57	2.01	83.7	<0.2	<10	80	2.18	2.26	0.05	0.43	168.00	13.5	28
E840259		0.36	<0.005	0.50	1.69	53.8	<0.2	<10	60	1.70	1.36	0.03	0.18	103.50	8.9	23
E840260		0.36	<0.005	0.45	3.00	61.4	<0.2	<10	80	3.79	0.92	0.22	2.25	134.50	41.4	29
E840261		0.18	<0.005	0.10	1.69	7.8	<0.2	10	150	2.88	0.25	1.96	0.38	61.50	15.7	29
E840262		0.36	NSS	0.22	1.31	2.6	<0.2	<10	80	1.96	0.24	1.50	0.20	58.70	10.8	26
E840263		0.28	0.006	0.12	1.77	7.7	<0.2	<10	110	2.22	0.32	0.45	0.23	78.70	13.0	35
E840264		0.18	<0.005	0.08	1.91	5.8	<0.2	<10	110	2.92	0.27	1.47	0.22	70.80	11.6	28
E840265		0.24	<0.005	0.05	1.97	9.4	<0.2	<10	130	1.46	0.25	0.32	0.10	56.70	11.2	27
E840266		0.22	<0.005	0.08	1.93	6.8	<0.2	<10	150	2.78	0.48	0.58	0.28	90.10	15.0	39
E840267		0.26	<0.005	0.05	1.72	4.6	<0.2	<10	80	1.98	0.37	0.42	0.09	83.60	11.6	32
E840268		0.68	<0.005	0.03	1.54	2.2	<0.2	<10	60	1.54	0.18	0.39	0.20	48.20	14.7	57
E840269		0.20	<0.005	0.15	2.30	7.6	<0.2	<10	130	3.23	0.51	0.77	0.23	105.50	13.7	33
E840270		0.20	<0.005	0.12	2.08	7.6	<0.2	<10	140	2.67	0.40	0.76	0.19	70.70	13.9	33
E840271		0.16	<0.005	0.25	2.72	9.2	<0.2	<10	240	3.75	0.54	1.03	0.29	84.50	18.8	38
E840272		0.34	<0.005	0.06	1.72	5.0	<0.2	<10	100	1.95	0.23	0.56	0.15	58.30	13.9	32
E840273		0.24	<0.005	0.10	1.23	3.4	<0.2	<10	100	1.65	0.20	1.35	0.48	34.20	9.4	23
E840274		0.34	<0.005	0.12	1.12	2.9	<0.2	<10	80	0.86	0.25	0.22	0.22	32.00	7.7	24
E840275		0.36	<0.005	0.09	1.76	6.7	<0.2	<10	160	1.71	0.57	0.74	0.21	52.60	10.8	27
E840276		0.50	<0.005	0.04	1.42	2.9	<0.2	<10	90	1.54	0.27	0.71	0.27	56.10	13.6	38
E840277		0.26	0.007	0.07	1.56	4.4	<0.2	<10	120	0.92	0.34	0.70	0.17	30.50	9.7	24
E840278		0.20	<0.005	0.08	1.75	6.4	<0.2	<10	100	1.35	0.27	1.33	0.18	50.30	13.4	24
E840279		0.16	0.008	0.09	1.71	6.0	<0.2	<10	100	1.41	0.26	1.57	0.19	50.00	12.2	22
E840280		0.28	0.005	0.11	2.22	5.5	<0.2	<10	70	1.76	0.87	0.80	0.19	52.40	14.4	36
E840281		0.14	0.008	0.05	1.46	5.7	<0.2	<10	100	1.08	0.18	0.92	0.21	47.30	10.2	23

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840241		6.84	149.0	7.03	5.55	0.22	0.10	0.10	0.095	0.19	55.7	37.2	1.23	3500	14.35	0.01
E840242		3.17	135.5	13.95	6.09	0.21	0.06	0.06	0.115	0.05	62.7	25.1	0.30	284	12.75	0.01
E840243		5.48	53.0	4.54	7.52	0.21	0.07	0.04	0.042	0.11	123.0	54.7	0.52	607	3.60	0.02
E840244		2.80	53.3	3.48	5.65	0.15	0.03	0.06	0.064	0.07	92.6	27.2	0.42	263	3.51	0.03
E840245		3.73	83.3	5.21	7.99	0.14	0.04	0.05	0.136	0.06	86.2	29.3	0.39	635	4.30	0.02
E840246		3.02	90.6	3.98	6.91	0.35	0.12	0.05	0.076	0.06	164.0	46.9	0.72	1110	3.62	0.02
E840247		2.21	33.0	3.69	7.96	0.09	0.02	0.05	0.052	0.05	23.5	9.0	0.17	305	3.33	<0.01
E840248		1.76	68.1	2.95	4.55	0.10	0.03	0.07	0.074	0.04	51.6	8.5	0.15	176	4.28	0.02
E840249		3.09	69.5	4.47	6.42	0.13	0.03	0.06	0.089	0.06	74.2	30.7	0.38	500	5.20	0.02
E840251		4.29	68.9	4.39	6.74	0.22	0.08	0.02	0.045	0.06	106.0	43.9	0.68	793	3.35	0.01
E840252		9.09	99.3	6.14	6.90	0.20	0.06	0.04	0.096	0.06	120.0	39.9	0.51	908	9.56	0.03
E840253		5.01	120.0	7.26	6.77	0.23	0.06	0.07	0.099	0.04	103.5	18.9	0.34	352	12.65	0.02
E840254		6.02	108.5	6.02	7.11	0.19	0.04	0.04	0.118	0.05	88.7	23.9	0.39	432	11.90	0.03
E840255		5.19	66.9	5.36	7.10	0.18	0.03	0.04	0.125	0.04	73.8	19.9	0.31	337	11.00	0.01
E840256		4.07	68.9	4.59	6.17	0.15	0.02	0.05	0.050	0.05	63.6	25.6	0.35	466	5.91	0.01
E840257		4.17	88.9	7.22	6.57	0.20	0.07	0.03	0.074	0.05	70.5	25.4	0.61	492	9.47	0.02
E840258		5.81	122.5	5.23	6.59	0.22	0.05	0.02	0.074	0.06	88.9	29.2	0.60	674	9.92	0.02
E840259		4.96	57.5	4.57	6.98	0.14	0.02	0.02	0.049	0.06	55.5	22.3	0.40	618	6.22	0.02
E840260		9.99	212.0	5.20	8.58	0.19	0.04	0.04	0.277	0.08	66.1	85.8	1.40	3030	10.60	0.01
E840261		3.87	16.3	2.17	8.02	0.12	0.07	0.09	0.037	0.08	29.9	22.9	0.97	2960	1.08	0.01
E840262		1.59	8.9	1.60	6.75	0.10	0.05	0.10	0.030	0.05	29.3	22.8	0.83	2530	0.94	0.01
E840263		4.01	16.3	2.70	8.83	0.11	0.05	0.04	0.035	0.06	39.0	25.3	1.01	1810	0.89	0.01
E840264		5.40	10.7	2.26	9.00	0.10	0.05	0.08	0.032	0.07	39.8	26.4	0.89	1920	0.65	0.01
E840265		4.76	15.8	3.36	8.94	0.07	<0.02	0.03	0.032	0.08	15.9	27.9	0.55	697	1.11	<0.01
E840266		4.95	19.3	3.10	8.70	0.10	0.03	0.09	0.030	0.09	34.6	27.3	0.83	2150	0.97	0.01
E840267		3.88	10.9	2.64	9.26	0.10	0.02	0.03	0.041	0.06	30.8	35.4	0.86	1410	0.65	0.01
E840268		1.70	8.8	2.78	11.00	0.15	0.03	0.02	0.024	0.06	22.6	36.8	1.12	1690	2.46	0.01
E840269		5.79	24.2	2.77	9.97	0.12	0.05	0.06	0.039	0.06	40.7	28.4	0.86	1890	0.79	0.02
E840270		4.13	17.4	2.85	9.89	0.12	0.06	0.06	0.041	0.11	41.1	31.2	0.95	1930	0.68	0.01
E840271		7.93	30.8	3.14	12.35	0.15	0.09	0.11	0.050	0.08	64.8	39.7	1.24	3310	0.91	0.03
E840272		4.80	11.5	2.66	8.44	0.11	0.05	0.03	0.037	0.08	28.9	33.1	0.96	1920	0.88	0.02
E840273		3.84	9.2	1.50	5.47	0.06	0.03	0.26	0.027	0.07	17.6	19.9	0.54	1490	1.05	0.01
E840274		2.88	7.2	2.06	8.66	0.06	<0.02	0.11	0.030	0.07	14.4	13.8	0.36	1090	0.98	<0.01
E840275		1.57	13.8	2.66	8.45	0.07	0.02	0.07	0.040	0.11	18.6	26.7	0.57	1350	0.94	<0.01
E840276		1.43	7.1	1.79	8.11	0.08	0.03	0.06	0.041	0.08	26.5	33.5	0.86	2290	1.98	0.01
E840277		2.16	8.2	2.03	8.64	<0.05	0.02	0.06	0.043	0.05	11.0	30.0	0.71	782	1.09	<0.01
E840278		3.93	14.2	2.05	8.27	0.08	0.04	0.06	0.028	0.06	26.5	28.6	0.94	1855	0.75	0.02
E840279		3.72	14.1	1.93	7.55	0.06	0.04	0.08	0.027	0.06	26.6	26.2	0.85	1910	0.90	0.02
E840280		8.22	15.6	2.47	11.00	0.10	0.03	0.04	0.040	0.08	26.8	45.2	1.23	1985	0.68	0.03
E840281		3.56	13.6	1.87	6.63	0.07	0.04	0.07	0.023	0.05	22.8	18.8	0.64	1445	1.20	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840241		0.53	106.5	1510	184.0	25.5	0.001	0.15	5.60	3.4	2.6	0.3	18.9	0.01	0.41	14.9
E840242		0.88	14.2	2390	94.6	7.8	<0.001	0.09	9.89	2.1	2.5	0.4	12.9	0.02	0.57	62.0
E840243		0.78	27.3	940	34.6	14.7	<0.001	0.18	5.65	2.1	1.2	0.4	13.7	0.01	0.11	23.3
E840244		0.67	15.7	760	159.0	10.8	<0.001	0.18	4.61	1.6	1.0	0.3	16.8	<0.01	0.13	19.4
E840245		0.84	23.0	1050	285.0	13.3	<0.001	0.13	5.07	2.5	1.4	0.8	18.3	0.01	0.19	12.7
E840246		0.73	83.3	860	70.6	7.8	0.001	0.08	2.31	3.2	1.9	0.4	14.7	0.02	0.11	16.3
E840247		0.73	16.0	780	33.0	10.8	<0.001	0.05	2.11	1.1	0.8	0.8	9.2	<0.01	0.12	0.8
E840248		0.47	25.4	1070	105.0	6.7	<0.001	0.11	3.65	1.4	1.1	0.5	31.2	<0.01	0.11	5.0
E840249		0.73	28.5	1120	71.5	11.9	0.001	0.16	5.50	1.7	1.2	0.6	26.0	0.01	0.16	8.4
E840251		0.68	62.3	700	70.1	8.5	<0.001	0.06	3.47	2.6	1.3	0.4	8.9	0.01	0.11	23.8
E840252		1.72	45.7	1390	193.5	11.5	0.001	0.14	7.86	2.9	1.9	0.6	20.6	0.02	0.25	26.8
E840253		0.96	30.5	2140	69.7	8.0	0.001	0.15	6.10	2.2	2.4	0.5	19.3	0.02	0.39	14.8
E840254		0.89	23.8	1590	81.9	9.4	0.001	0.16	6.18	2.4	2.2	0.6	20.8	0.01	0.30	14.1
E840255		1.24	20.8	1170	182.5	10.2	<0.001	0.09	6.33	2.4	1.6	0.7	12.5	0.01	0.31	15.5
E840256		0.90	21.9	1190	46.4	12.7	<0.001	0.09	3.05	1.6	1.3	0.5	14.6	0.01	0.16	4.6
E840257		0.72	22.6	1880	113.0	8.2	<0.001	0.15	3.56	3.1	1.5	0.3	13.7	0.01	0.34	45.5
E840258		1.74	27.8	1660	63.1	10.5	0.001	0.11	3.53	3.3	1.9	0.5	16.5	0.02	0.33	21.8
E840259		1.76	18.5	1160	33.5	14.1	<0.001	0.09	2.05	2.1	1.1	0.6	10.4	0.01	0.19	10.6
E840260		1.67	68.0	1300	46.5	14.2	0.001	0.08	7.59	3.0	1.3	0.9	13.9	0.01	0.19	4.6
E840261		1.66	32.4	1270	8.9	23.5	<0.001	0.15	0.70	3.6	1.3	0.7	27.8	0.02	0.08	3.2
E840262		1.03	22.0	1320	5.5	10.5	<0.001	0.11	0.38	2.7	0.9	0.5	24.4	0.01	0.06	4.6
E840263		1.18	32.7	940	10.2	15.1	<0.001	0.04	0.60	5.5	0.6	0.8	29.6	0.01	0.06	7.5
E840264		1.06	25.4	1640	8.1	18.9	<0.001	0.11	0.53	3.0	0.9	0.6	44.6	0.01	0.05	3.9
E840265		1.22	23.6	620	11.9	42.9	<0.001	0.04	0.67	2.7	0.5	0.7	14.6	<0.01	0.06	3.1
E840266		1.55	31.5	1410	10.8	28.9	<0.001	0.08	0.72	2.9	0.8	0.7	49.6	0.01	0.05	3.2
E840267		1.40	23.8	680	7.0	21.1	<0.001	0.03	0.52	4.0	0.5	0.9	45.1	0.01	0.05	4.5
E840268		2.41	39.1	640	7.6	11.9	<0.001	0.01	0.40	5.2	0.4	1.1	40.6	0.01	0.03	11.5
E840269		1.22	30.8	1280	11.7	16.5	<0.001	0.06	0.61	4.1	0.9	0.7	82.4	0.01	0.06	5.7
E840270		1.32	32.1	1000	9.8	16.3	<0.001	0.05	0.58	4.7	0.8	0.7	103.0	0.01	0.05	6.0
E840271		1.51	43.7	1240	12.9	20.6	<0.001	0.06	0.74	7.7	1.4	0.9	91.3	0.01	0.10	8.4
E840272		1.69	26.2	870	6.3	18.0	<0.001	0.02	0.59	5.3	0.5	0.8	98.9	0.01	0.05	10.1
E840273		1.24	18.9	1150	6.0	19.0	<0.001	0.12	0.42	2.4	0.8	0.4	47.8	0.01	0.05	3.4
E840274		2.18	11.3	720	6.4	26.1	<0.001	0.06	0.49	2.5	0.6	1.3	34.1	0.01	0.05	1.7
E840275		1.65	20.1	650	10.0	28.0	<0.001	0.06	0.60	3.0	0.7	0.9	20.4	<0.01	0.07	3.3
E840276		1.01	29.3	910	6.4	25.4	<0.001	0.06	0.47	3.3	0.7	0.8	23.4	0.01	0.04	4.5
E840277		1.02	21.1	850	10.1	22.2	<0.001	0.06	0.47	2.5	0.5	0.6	10.3	0.01	0.04	3.1
E840278		1.69	26.7	920	9.0	22.1	<0.001	0.09	0.47	3.5	0.7	0.7	52.4	0.01	0.04	3.6
E840279		1.48	23.9	1040	8.8	20.9	<0.001	0.11	0.45	2.9	0.7	0.6	50.0	0.01	0.04	3.2
E840280		1.89	32.2	710	16.6	24.0	<0.001	0.04	0.53	6.3	0.6	1.0	89.5	0.01	0.07	7.0
E840281		1.47	22.6	770	10.6	14.2	<0.001	0.08	0.43	3.8	0.6	0.6	134.0	0.01	0.03	4.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 3-JUL-2007
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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5
E840241		0.024	0.54	6.83	30	0.19	42.90	526	1.4
E840242		0.021	0.16	3.15	29	0.22	9.53	287	1.4
E840243		0.007	0.12	3.63	20	0.13	19.95	272	1.0
E840244		0.006	0.10	2.42	16	0.11	8.52	178	0.5
E840245		0.019	0.20	2.66	41	0.25	9.32	231	0.8
E840246		0.017	0.11	4.76	22	0.34	52.10	928	1.5
E840247		0.020	0.15	1.47	52	0.22	5.68	117	<0.5
E840248		0.009	0.14	2.40	24	0.36	8.94	222	<0.5
E840249		0.014	0.12	3.07	26	0.28	11.15	280	0.5
E840251		0.013	0.10	3.98	20	0.33	27.50	286	1.8
E840252		0.027	0.16	7.22	31	3.99	28.10	229	0.8
E840253		0.022	0.17	5.97	35	0.35	25.70	206	0.5
E840254		0.032	0.18	6.12	38	0.32	19.40	150	<0.5
E840255		0.034	0.17	4.42	40	0.30	17.25	154	<0.5
E840256		0.028	0.14	5.11	36	0.22	10.35	106	<0.5
E840257		0.020	0.20	7.26	24	0.25	17.90	176	1.3
E840258		0.037	0.18	7.62	30	0.26	23.50	199	0.5
E840259		0.034	0.15	3.88	32	0.24	12.05	166	<0.5
E840260		0.089	0.25	3.11	37	0.46	25.70	1510	<0.5
E840261		0.055	0.11	1.77	32	2.29	19.05	155	1.2
E840262		0.034	0.08	1.44	19	0.64	11.65	46	0.9
E840263		0.060	0.09	2.14	43	0.94	15.70	60	0.9
E840264		0.038	0.10	3.14	32	0.55	15.25	52	1.0
E840265		0.033	0.17	1.49	49	0.63	5.08	55	<0.5
E840266		0.046	0.14	11.60	41	0.64	11.75	59	<0.5
E840267		0.065	0.08	1.88	39	1.41	10.15	46	<0.5
E840268		0.107	0.05	2.53	37	0.99	10.60	46	0.5
E840269		0.055	0.09	3.92	41	0.99	18.15	57	0.6
E840270		0.059	0.08	4.85	42	0.96	19.70	57	0.9
E840271		0.069	0.11	4.79	48	1.38	34.60	76	1.5
E840272		0.077	0.09	3.12	38	2.94	13.80	52	1.0
E840273		0.035	0.08	1.95	20	1.25	8.75	47	0.7
E840274		0.085	0.10	1.11	40	0.74	6.00	25	<0.5
E840275		0.049	0.15	1.17	44	0.92	7.18	46	<0.5
E840276		0.053	0.10	1.59	26	0.61	13.55	37	<0.5
E840277		0.028	0.12	0.89	33	0.51	5.47	39	<0.5
E840278		0.054	0.11	2.95	33	0.48	15.80	38	0.6
E840279		0.048	0.11	3.00	31	0.69	14.85	37	0.5
E840280		0.098	0.12	3.04	40	1.07	15.35	66	0.5
E840281		0.057	0.09	2.96	32	1.55	18.15	39	0.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840282		0.16	<0.005	0.07	1.45	7.3	<0.2	<10	140	1.87	0.76	1.11	0.29	50.00	10.6	22
E840283		0.26	<0.005	0.05	2.09	8.2	<0.2	<10	160	2.64	0.36	0.58	0.23	48.80	13.7	27
E840284		0.26	0.005	0.06	1.77	3.9	<0.2	<10	80	1.91	0.41	0.83	0.15	58.20	14.3	42
E840285		0.20	<0.005	0.06	1.83	8.7	<0.2	<10	140	2.21	0.24	1.21	0.26	33.70	9.6	23
E840286		0.14	0.011	0.05	1.68	5.9	<0.2	<10	80	1.37	0.23	1.00	0.16	44.20	12.4	30
E840287		0.16	0.052	0.04	1.80	5.4	<0.2	<10	140	1.35	0.57	1.43	0.17	122.00	15.1	29
E840288		0.32	0.016	0.04	1.77	5.7	<0.2	<10	110	1.56	0.52	0.57	0.19	114.00	17.1	32
E840289		0.32	<0.005	0.01	1.23	2.5	<0.2	<10	40	1.12	0.18	0.61	0.08	61.80	11.2	33
E840290		0.22	<0.005	0.06	1.74	8.5	<0.2	<10	230	1.00	0.26	0.62	0.24	90.60	11.5	29
E840291		0.26	<0.005	0.04	1.65	8.2	<0.2	<10	160	1.13	0.47	1.16	0.24	180.50	10.9	25
E840292		0.28	<0.005	0.02	1.10	3.6	<0.2	<10	80	1.56	0.09	0.60	0.12	55.00	11.3	30
E840293		0.26	<0.005	0.04	1.34	5.7	<0.2	<10	80	0.71	0.10	0.61	0.17	110.00	8.9	33
E840294		0.38	0.006	0.11	1.92	4.6	<0.2	<10	60	1.77	0.59	0.11	0.14	169.50	19.7	23
E840295		0.26	<0.005	0.05	1.91	8.0	<0.2	<10	60	1.20	0.39	0.05	0.21	67.60	10.2	20
E840296		0.28	<0.005	0.04	2.37	7.0	<0.2	<10	70	1.05	0.36	0.05	0.13	69.10	11.1	24
E840297		0.24	<0.005	0.09	1.49	10.0	<0.2	<10	40	0.68	0.41	0.05	0.12	65.40	8.1	21
E840298		0.22	<0.005	0.22	2.13	84.8	<0.2	<10	370	3.73	2.06	0.21	0.43	91.40	41.1	25
E840299		0.28	<0.005	0.23	1.74	8.9	<0.2	<10	50	0.77	0.67	0.07	0.15	79.00	9.8	21
E840300		0.54	0.009	1.17	3.17	57.5	<0.2	<10	140	2.45	2.31	0.04	2.51	500.00	191.5	39
E840301		0.30	0.013	0.04	1.44	4.3	<0.2	<10	60	1.21	0.37	0.39	0.12	56.60	11.9	28
E840302		0.24	0.072	0.09	1.98	7.8	<0.2	<10	110	1.15	0.87	0.29	0.14	53.60	11.0	29
E840303		0.26	0.007	0.06	2.20	8.1	<0.2	<10	130	2.27	0.43	0.55	0.17	63.00	15.3	35
E840304		0.36	<0.005	0.07	1.80	6.2	<0.2	<10	110	1.64	0.56	0.43	0.13	76.60	16.1	32
E840305		0.38	0.005	0.06	1.65	6.1	<0.2	<10	90	1.60	0.26	0.34	0.10	99.40	12.1	36
E840306		0.28	<0.005	0.06	1.67	7.3	<0.2	<10	70	0.98	0.39	0.42	0.17	64.00	13.9	44
E840307		0.38	<0.005	0.05	2.40	5.1	<0.2	<10	170	1.70	0.46	0.89	0.21	116.00	21.6	89
E840308		0.44	0.005	0.06	1.76	4.3	<0.2	<10	100	1.93	0.39	0.37	0.28	135.50	12.6	34
E840309		0.44	<0.005	0.06	2.14	6.2	<0.2	<10	150	1.54	0.49	0.34	0.26	125.00	14.3	32
E840310		0.36	0.007	0.06	1.79	7.6	<0.2	<10	130	1.65	0.36	0.49	0.31	76.30	14.6	29
E840311		0.38	<0.005	0.03	2.09	3.6	<0.2	<10	100	2.37	0.36	0.46	0.14	68.90	13.8	34
E840312		0.44	<0.005	0.06	1.88	8.1	<0.2	<10	130	1.50	0.43	0.72	0.31	78.20	14.6	26
E840313		0.38	0.007	0.14	1.90	8.4	<0.2	<10	120	1.70	0.40	0.52	0.31	82.90	15.7	27
E840314		0.42	0.010	0.06	1.53	5.1	<0.2	<10	120	1.66	0.24	0.56	0.25	73.90	17.8	29
E840315		0.16	NSS	0.15	0.58	2.3	<0.2	<10	390	0.47	0.32	1.11	1.43	24.80	8.0	9
E840316		0.04	0.013	0.01	0.01	0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.02	1.30	0.1	<1
E840317		0.26	<0.005	0.10	1.33	3.8	<0.2	<10	200	1.19	0.46	0.65	0.36	50.40	11.6	21
E840318		0.44	<0.005	0.06	1.41	5.4	<0.2	<10	140	1.44	0.19	0.73	0.46	36.70	10.0	26
E840319		0.36	0.005	0.02	1.66	6.2	<0.2	<10	120	2.30	0.20	0.70	0.18	42.80	10.9	27
E840320		0.22	0.007	0.02	1.58	6.8	<0.2	<10	130	1.35	0.26	0.82	0.15	36.30	9.7	21
E840321		0.24	<0.005	0.10	1.44	8.7	<0.2	<10	190	1.45	0.22	2.29	0.24	33.10	9.5	21

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840282		3.14	13.7	2.07	6.23	0.07	0.06	0.08	0.030	0.06	29.4	17.6	0.64	1905	0.72	<0.01
E840283		9.21	16.9	2.47	8.72	0.05	0.05	0.07	0.034	0.08	19.1	26.3	0.79	2600	0.97	0.01
E840284		5.09	37.8	2.29	9.78	0.09	0.05	0.07	0.051	0.05	33.4	38.2	1.32	2430	0.54	0.01
E840285		4.74	13.3	2.16	5.76	0.05	0.05	0.06	0.027	0.05	17.1	14.5	0.58	1910	0.81	<0.01
E840286		5.00	10.0	1.91	10.00	0.10	0.03	0.05	0.046	0.04	25.3	37.0	1.34	1990	0.60	0.01
E840287		2.44	26.9	2.56	10.60	0.17	0.06	0.06	0.090	0.05	66.0	25.7	1.65	2740	0.63	<0.01
E840288		1.97	123.0	2.61	10.75	0.16	0.07	0.09	0.067	0.04	71.1	26.4	1.74	1920	0.85	<0.01
E840289		2.18	6.5	1.85	8.70	0.13	0.04	0.03	0.034	0.05	31.7	32.9	1.21	1565	0.60	0.01
E840290		1.92	20.7	2.80	7.92	0.10	0.09	0.07	0.091	0.05	54.6	18.8	0.97	3920	1.18	<0.01
E840291		1.44	46.6	4.81	9.52	0.24	0.16	0.11	0.307	0.05	104.5	13.5	1.25	12600	2.17	<0.01
E840292		2.14	16.0	2.02	7.02	0.14	0.04	0.03	0.048	0.06	28.6	13.4	1.10	2090	0.67	<0.01
E840293		2.40	14.1	2.02	7.55	0.14	0.05	0.05	0.075	0.12	59.1	17.1	1.23	2360	0.39	<0.01
E840294		8.71	136.0	3.53	7.01	0.11	0.05	0.04	0.026	0.06	64.8	32.4	0.79	1195	2.10	<0.01
E840295		7.05	25.5	3.67	7.93	0.08	0.03	0.08	0.026	0.06	28.3	24.0	0.30	769	1.83	<0.01
E840296		9.97	17.0	4.02	10.25	0.07	0.04	0.04	0.031	0.12	34.3	34.4	0.59	638	2.26	<0.01
E840297		7.27	17.8	4.35	7.14	0.07	0.02	0.06	0.031	0.06	28.5	19.7	0.32	603	2.36	<0.01
E840298		24.60	98.9	4.28	6.93	0.09	0.05	0.11	0.089	0.13	41.2	34.2	0.40	3970	8.19	<0.01
E840299		7.21	67.4	4.06	8.26	0.07	0.03	0.08	0.028	0.07	32.0	18.9	0.26	859	2.77	<0.01
E840300		8.80	511.0	9.68	10.05	0.35	0.17	0.07	0.247	0.14	122.5	42.5	1.11	9000	8.10	0.01
E840301		4.05	11.7	2.37	6.99	0.07	0.03	0.03	0.032	0.07	24.6	30.0	0.75	1035	0.54	<0.01
E840302		6.33	15.0	3.07	9.57	0.06	<0.02	0.05	0.047	0.07	19.7	29.9	0.50	1020	1.38	<0.01
E840303		4.32	20.8	3.02	8.59	0.08	0.06	0.04	0.048	0.06	29.0	26.3	0.77	1290	0.92	0.01
E840304		3.31	25.2	2.82	8.72	0.08	0.03	0.04	0.042	0.06	22.3	32.6	0.93	1475	0.72	<0.01
E840305		2.14	16.7	2.76	7.17	0.10	0.05	0.02	0.034	0.05	34.3	27.1	0.85	1010	0.73	<0.01
E840306		3.70	15.6	3.47	9.48	0.07	0.10	0.04	0.042	0.07	19.9	31.9	0.85	751	1.06	<0.01
E840307		4.02	43.6	3.81	11.15	0.11	0.08	0.04	0.049	0.12	37.5	39.1	1.62	2080	0.84	<0.01
E840308		2.32	29.9	2.41	9.15	0.16	0.08	0.08	0.044	0.05	103.0	30.4	0.97	2940	0.61	<0.01
E840309		3.55	29.8	3.05	9.47	0.08	0.04	0.05	0.051	0.07	37.6	32.1	0.84	2250	1.06	<0.01
E840310		3.55	38.3	2.85	7.74	0.08	0.04	0.08	0.038	0.08	33.7	28.1	0.89	1725	1.08	<0.01
E840311		4.31	11.9	2.70	10.60	0.08	0.05	0.06	0.039	0.06	35.2	37.1	1.22	2550	1.56	<0.01
E840312		6.54	17.8	2.82	9.13	0.06	0.02	0.08	0.034	0.08	23.0	26.2	0.63	1865	1.34	<0.01
E840313		7.73	18.7	2.89	9.92	0.06	0.02	0.08	0.036	0.07	23.4	28.2	0.63	1925	1.44	<0.01
E840314		2.47	30.3	2.62	9.49	0.16	0.05	0.03	0.033	0.05	38.3	28.0	1.25	2130	0.85	<0.01
E840315		3.56	20.4	0.88	3.20	<0.05	<0.02	0.29	0.021	0.07	10.5	5.7	0.18	6460	0.73	0.01
E840316		<0.05	0.7	0.01	0.10	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	9	<0.05	<0.01
E840317		2.99	18.8	1.78	7.10	0.05	0.02	0.19	0.036	0.06	24.8	19.3	0.44	4530	1.21	0.01
E840318		1.13	15.2	1.78	6.95	0.06	0.04	0.05	0.028	0.07	18.1	26.8	0.81	2490	0.62	0.01
E840319		1.62	13.2	2.19	7.84	0.05	0.06	0.04	0.027	0.05	21.9	23.1	0.84	1425	0.72	0.01
E840320		1.56	13.9	2.11	6.33	<0.05	0.05	0.04	0.027	0.06	14.0	19.6	0.66	1815	0.96	0.01
E840321		0.86	18.6	1.96	5.45	<0.05	0.05	0.07	0.023	0.06	16.5	15.3	0.59	1275	0.86	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840282		0.63	22.4	1130	10.6	21.4	<0.001	0.09	0.44	3.6	0.9	0.4	19.1	0.01	0.04	3.2
E840283		0.97	26.4	1500	15.0	24.6	<0.001	0.10	0.57	3.2	0.8	0.7	17.4	0.01	0.05	4.5
E840284		1.50	40.8	940	9.8	17.6	<0.001	0.07	0.41	5.8	0.8	0.7	27.4	0.01	0.05	4.8
E840285		0.72	18.8	1260	10.9	13.3	<0.001	0.11	0.45	2.3	0.9	0.5	18.4	0.01	0.05	2.1
E840286		1.48	29.0	910	9.7	15.8	<0.001	0.07	0.32	5.9	0.8	0.7	31.9	0.01	0.05	4.5
E840287		0.51	35.1	1000	6.3	20.7	0.001	0.09	0.27	6.9	1.1	0.8	15.5	0.01	0.23	3.0
E840288		0.51	34.6	910	6.6	11.2	0.001	0.04	0.32	12.7	1.0	0.8	10.4	0.01	0.13	9.2
E840289		2.12	29.3	810	5.3	13.5	<0.001	0.02	0.27	6.7	0.4	0.9	26.0	0.01	0.04	10.6
E840290		0.51	31.2	700	10.1	16.6	<0.001	0.05	0.49	11.9	1.2	0.6	14.2	0.01	0.05	5.7
E840291		0.27	31.2	1120	8.3	16.1	0.001	0.08	0.33	30.5	2.3	0.4	21.5	0.03	0.19	8.9
E840292		0.86	28.3	930	5.5	20.7	<0.001	0.02	0.22	14.2	0.6	0.5	11.3	0.01	0.02	10.8
E840293		0.48	28.5	730	8.2	29.5	<0.001	0.03	0.24	13.5	0.8	0.9	9.0	0.01	0.03	7.6
E840294		0.35	38.5	1090	29.8	16.7	<0.001	0.03	0.79	2.0	0.7	0.3	6.3	<0.01	0.20	14.0
E840295		0.94	21.3	990	13.4	15.3	<0.001	0.04	0.78	2.0	0.7	0.6	6.6	<0.01	0.09	8.0
E840296		0.88	32.0	670	12.7	21.9	<0.001	0.03	1.04	2.9	0.5	0.7	6.2	<0.01	0.08	8.6
E840297		0.97	17.4	670	20.5	13.8	<0.001	0.03	0.93	1.9	0.6	0.5	7.0	<0.01	0.09	4.6
E840298		0.32	31.5	1330	31.3	33.2	<0.001	0.08	5.01	3.8	0.7	0.5	12.4	0.01	0.06	9.3
E840299		0.90	16.0	900	32.7	17.2	<0.001	0.05	0.86	1.7	0.7	0.5	6.4	<0.01	0.09	6.7
E840300		0.78	156.5	1570	481.0	21.4	0.001	0.23	10.45	10.6	3.1	0.6	12.3	0.03	0.23	37.3
E840301		2.24	23.2	740	8.8	20.0	<0.001	0.02	0.52	3.9	0.4	0.7	49.3	0.01	0.04	10.3
E840302		1.92	20.1	530	13.1	30.7	<0.001	0.04	0.67	2.9	0.5	0.9	33.6	<0.01	0.15	2.9
E840303		1.61	29.4	720	11.7	20.0	<0.001	0.04	0.62	5.0	0.7	0.8	22.1	0.01	0.08	6.8
E840304		1.88	33.3	760	12.8	22.9	<0.001	0.02	0.55	3.8	0.5	0.7	47.0	0.01	0.06	8.2
E840305		1.94	34.3	800	7.5	11.7	<0.001	0.01	0.55	4.5	0.5	0.7	28.5	0.01	0.04	10.9
E840306		6.05	40.4	400	11.0	20.8	<0.001	0.02	0.65	3.8	0.4	1.0	19.9	0.01	0.06	8.0
E840307		4.74	91.9	1090	12.7	30.0	<0.001	0.04	0.70	5.9	0.6	1.1	51.3	0.01	0.06	12.0
E840308		1.32	28.0	1100	9.7	16.5	<0.001	0.04	0.45	6.2	1.0	0.8	18.7	0.01	0.06	9.3
E840309		1.06	28.2	890	16.4	24.2	<0.001	0.05	0.55	4.7	0.6	0.8	14.0	0.01	0.07	7.0
E840310		1.06	28.7	1130	10.8	20.4	<0.001	0.05	0.61	4.0	0.6	0.7	20.0	0.01	0.06	3.9
E840311		1.33	28.7	960	7.2	18.8	<0.001	0.06	0.41	5.7	0.7	0.8	17.0	0.01	0.05	5.4
E840312		1.74	25.1	860	15.2	19.7	<0.001	0.07	0.68	3.3	0.5	0.9	38.5	0.01	0.06	3.5
E840313		1.66	25.7	840	16.9	19.2	<0.001	0.06	0.83	3.3	0.5	0.9	35.7	0.01	0.06	3.3
E840314		1.69	39.6	880	8.7	10.5	<0.001	0.04	0.55	6.7	0.5	0.8	13.6	0.01	0.11	8.9
E840315		0.53	9.2	1400	8.7	17.7	<0.001	0.18	0.39	1.2	0.7	0.3	28.4	<0.01	0.05	1.2
E840316		<0.05	0.3	10	0.6	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.4
E840317		1.25	16.6	1000	11.8	27.7	<0.001	0.09	0.56	2.6	0.7	0.7	25.0	0.01	0.06	2.5
E840318		0.86	27.6	1210	8.4	18.8	<0.001	0.07	0.50	3.6	0.5	0.5	16.5	0.01	0.05	5.1
E840319		1.35	27.2	680	9.1	16.4	<0.001	0.03	0.51	4.9	0.5	0.6	16.0	0.01	0.04	8.7
E840320		1.10	21.2	440	11.7	18.1	<0.001	0.04	0.58	4.6	0.4	0.5	9.4	0.01	0.04	5.8
E840321		0.94	22.6	940	10.2	16.6	<0.001	0.10	0.61	3.0	0.7	0.4	18.0	0.01	0.05	2.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840282		0.024	0.10	3.88	33	0.50	29.30	40	0.7
E840283		0.035	0.14	2.25	41	0.61	20.10	55	0.7
E840284		0.079	0.09	2.94	42	1.70	24.00	47	0.6
E840285		0.025	0.11	2.34	37	0.44	20.80	58	0.7
E840286		0.074	0.09	3.05	36	1.12	21.80	44	<0.5
E840287		0.032	0.10	1.75	46	0.12	38.40	32	<0.5
E840288		0.032	0.06	2.33	59	0.30	33.40	39	0.7
E840289		0.102	0.05	1.93	34	1.71	14.05	29	0.6
E840290		0.034	0.11	3.88	48	0.17	45.20	45	0.8
E840291		0.023	0.09	3.28	44	0.20	112.00	32	0.5
E840292		0.049	0.06	0.85	37	0.24	29.20	21	<0.5
E840293		0.069	0.14	2.16	43	0.10	35.70	27	<0.5
E840294		0.013	0.11	3.82	29	0.14	14.30	62	0.7
E840295		0.020	0.15	2.36	46	0.18	5.38	87	0.6
E840296		0.020	0.19	1.78	49	0.13	4.13	72	0.9
E840297		0.028	0.14	2.66	44	0.19	5.15	72	<0.5
E840298		0.007	0.29	2.48	32	0.07	13.40	207	0.8
E840299		0.018	0.16	2.33	42	0.15	5.63	80	<0.5
E840300		0.044	0.43	9.91	47	0.20	65.20	1080	1.1
E840301		0.086	0.06	1.39	36	0.84	10.75	45	<0.5
E840302		0.066	0.16	1.21	58	1.24	6.10	53	<0.5
E840303		0.062	0.18	2.47	53	0.93	21.10	57	0.8
E840304		0.067	0.10	1.60	44	0.76	11.15	52	<0.5
E840305		0.083	0.08	1.98	46	0.61	13.80	44	0.9
E840306		0.212	0.11	1.28	73	0.81	8.18	50	4.0
E840307		0.251	0.13	2.12	73	0.71	14.70	59	3.4
E840308		0.064	0.12	2.17	37	0.88	33.10	48	0.8
E840309		0.044	0.16	1.64	52	0.51	12.95	63	<0.5
E840310		0.047	0.12	2.16	45	0.53	14.50	75	0.5
E840311		0.058	0.11	2.37	39	2.97	25.70	65	0.5
E840312		0.069	0.14	2.16	47	0.80	7.52	92	<0.5
E840313		0.066	0.14	2.28	47	0.83	7.94	86	<0.5
E840314		0.071	0.07	2.24	38	0.98	20.20	323	0.9
E840315		0.022	0.12	1.00	13	0.42	3.86	54	<0.5
E840316		<0.005	<0.02	0.13	<1	<0.05	0.65	3	<0.5
E840317		0.056	0.17	1.98	31	0.91	8.54	33	<0.5
E840318		0.052	0.09	1.64	30	0.98	13.95	43	1.0
E840319		0.046	0.10	1.53	37	0.52	15.25	41	1.3
E840320		0.034	0.11	1.20	36	0.31	12.35	39	1.1
E840321		0.030	0.08	1.36	36	0.34	13.60	47	1.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840322		0.34	0.008	0.08	1.38	5.4	<0.2	<10	180	1.59	0.26	1.43	0.42	77.90	12.0	20
E840323		0.32	<0.005	0.06	1.55	4.4	<0.2	<10	80	1.94	0.23	0.89	0.22	35.20	12.2	37
E840324		0.34	0.017	0.07	1.47	6.9	<0.2	<10	120	1.63	0.20	0.68	0.29	62.20	13.5	27
E840325		0.32	0.009	0.07	2.22	12.0	<0.2	<10	230	2.68	0.26	0.87	0.38	88.70	15.9	32
E840326		0.44	<0.005	0.08	1.79	6.6	<0.2	<10	240	1.71	0.24	0.78	0.33	81.30	13.3	33
E840327		0.12	0.008	0.05	0.56	2.1	<0.2	<10	240	1.24	0.10	3.99	0.22	10.20	3.7	4
E840328		0.34	<0.005	0.03	1.18	3.9	<0.2	<10	70	1.16	0.12	0.59	0.16	53.80	9.3	22
E840329		0.22	0.016	0.19	1.16	8.0	<0.2	<10	290	0.70	0.85	2.53	0.18	80.30	150.0	30
E840330		0.18	0.028	0.13	1.06	16.6	<0.2	<10	320	1.49	0.51	3.04	0.28	65.80	61.7	9
E840331		0.32	<0.005	0.02	1.19	2.4	<0.2	<10	60	1.06	0.16	0.58	0.07	49.50	11.5	30
E840332		0.16	0.031	0.14	1.45	19.7	<0.2	<10	430	1.20	0.79	2.08	0.33	54.80	20.2	15
E840333		0.44	0.006	0.02	1.19	2.6	<0.2	<10	50	0.93	0.19	0.77	0.07	54.70	11.5	33
E840334		0.28	0.005	0.05	1.71	11.8	<0.2	<10	60	0.52	0.36	0.04	0.11	44.40	6.0	28
E840335		0.16	<0.005	0.19	0.45	2.1	<0.2	<10	50	0.18	0.22	0.06	0.26	12.55	2.6	8
E840336		0.24	<0.005	0.06	1.77	4.8	<0.2	<10	110	1.41	0.31	1.05	0.17	73.00	12.8	32
E840337		0.44	0.008	0.11	2.24	9.1	<0.2	<10	60	1.01	0.68	0.04	0.23	97.20	24.4	29
E840338		0.38	<0.005	0.12	1.58	9.8	<0.2	<10	50	0.50	0.44	0.03	0.10	57.80	9.2	26
E840339		0.24	0.022	0.10	0.79	3.8	<0.2	<10	50	0.46	0.26	0.06	0.15	23.40	4.6	12
E840340		0.48	0.037	0.09	1.78	6.8	<0.2	<10	110	1.43	0.77	0.45	0.22	157.50	16.4	27
E840341		0.46	0.025	0.03	2.01	4.7	<0.2	<10	110	2.79	0.41	0.21	0.06	220.00	19.2	36
E840342		0.26	0.012	0.12	0.38	2.0	<0.2	<10	30	0.16	0.19	0.04	0.11	56.00	2.2	7
E840343		0.14	0.023	0.34	0.23	1.0	<0.2	<10	20	0.10	0.07	0.03	0.66	7.80	2.8	2
E840344		0.54	0.012	0.30	2.26	43.0	<0.2	<10	110	2.55	2.90	0.05	0.31	>500	33.6	27
E840345		0.48	0.007	0.27	2.58	29.1	<0.2	<10	90	2.23	2.74	0.05	0.23	317.00	36.9	30
E840346		0.56	0.010	0.21	2.50	23.7	<0.2	<10	90	1.90	2.23	0.05	0.19	284.00	29.9	29
E840347		0.34	0.005	0.27	1.70	27.1	<0.2	<10	70	1.08	1.80	0.05	0.16	121.00	7.1	24
E840348		0.40	0.011	0.31	2.23	34.0	<0.2	<10	70	2.31	1.56	0.07	0.21	374.00	50.0	29
E840349		0.48	0.007	0.49	2.69	66.4	<0.2	<10	200	2.72	3.91	0.04	0.15	334.00	31.8	28
E840350		0.46	0.005	0.32	2.41	38.7	<0.2	<10	130	2.45	2.18	0.06	0.19	259.00	43.7	26

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 3-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840322		1.63	25.3	1.82	7.01	0.07	0.04	0.29	0.028	0.06	39.8	16.8	0.64	1860	0.73	0.01
E840323		3.20	29.5	1.85	9.59	0.08	0.03	0.07	0.033	0.10	19.4	31.2	1.33	1660	0.49	0.01
E840324		3.22	30.1	2.23	8.42	0.10	0.06	0.09	0.023	0.06	33.3	24.6	1.08	2060	0.74	0.01
E840325		2.52	16.6	2.86	10.45	0.09	0.07	0.10	0.045	0.06	50.2	24.0	1.10	2960	0.95	0.01
E840326		3.94	15.3	2.35	11.05	0.11	0.04	0.07	0.045	0.07	40.7	26.1	1.34	2520	0.60	0.01
E840327		0.72	7.5	0.45	1.23	<0.05	0.03	0.15	0.010	0.03	7.0	2.3	0.09	2640	0.46	0.01
E840328		1.99	6.2	1.67	7.49	0.10	0.02	0.04	0.020	0.04	30.2	18.6	1.08	1460	0.60	0.01
E840329		2.29	533.0	3.22	6.03	0.10	0.05	0.17	0.056	0.11	48.1	17.7	0.73	5530	11.05	0.01
E840330		0.75	406.0	2.43	3.19	0.07	0.06	0.14	0.054	0.05	41.9	10.8	0.39	5880	1.72	0.01
E840331		2.34	10.2	1.78	8.19	0.09	0.03	0.02	0.027	0.05	24.9	33.3	1.17	1505	0.44	0.01
E840332		1.86	76.7	2.32	5.09	0.06	0.05	0.15	0.051	0.04	29.7	18.5	0.65	9930	0.94	0.01
E840333		2.01	9.9	1.89	8.45	0.11	0.03	0.02	0.033	0.06	27.7	32.2	1.20	1770	0.35	0.01
E840334		2.11	14.8	3.39	8.19	0.05	0.02	0.05	0.031	0.05	20.0	20.9	0.28	259	1.54	<0.01
E840335		0.49	12.4	0.83	2.11	<0.05	<0.02	0.12	0.013	0.04	6.9	0.9	0.04	68	1.10	0.01
E840336		3.82	33.1	2.44	9.96	0.09	0.05	0.06	0.074	0.05	41.9	32.7	1.35	3650	0.94	0.01
E840337		2.75	24.9	4.87	9.03	0.07	0.06	0.14	0.042	0.05	36.2	26.0	0.73	1800	3.82	<0.01
E840338		2.86	20.1	4.65	8.82	0.07	<0.02	0.10	0.033	0.04	28.2	11.6	0.31	494	2.59	<0.01
E840339		1.43	35.3	2.25	5.44	<0.05	<0.02	0.11	0.039	0.05	12.8	3.5	0.19	361	6.01	<0.01
E840340		2.85	103.0	3.13	7.28	0.15	0.08	0.09	0.035	0.04	98.0	21.0	0.63	2350	1.41	<0.01
E840341		4.54	95.8	3.74	6.78	0.15	0.07	0.03	0.085	0.04	85.0	31.8	0.95	2130	2.42	<0.01
E840342		2.39	13.4	0.73	3.90	<0.05	<0.02	0.05	0.009	0.04	28.0	1.0	0.04	70	1.01	<0.01
E840343		1.25	21.2	0.41	0.58	<0.05	<0.02	0.13	0.005	0.03	4.1	0.3	0.02	48	0.71	0.01
E840344		10.35	141.0	5.44	8.08	0.36	0.12	0.05	0.164	0.07	240.0	62.1	0.49	751	4.03	0.03
E840345		8.55	117.5	5.94	8.17	0.20	0.09	0.04	0.111	0.08	148.5	67.8	0.50	920	4.52	0.04
E840346		7.11	104.5	5.80	6.67	0.16	0.06	0.03	0.092	0.08	127.5	55.2	0.48	877	3.64	0.04
E840347		5.70	67.9	4.21	7.34	0.08	0.03	0.07	0.146	0.07	73.0	34.0	0.30	420	4.43	0.02
E840348		5.57	113.0	4.53	7.23	0.13	0.13	0.09	0.178	0.06	92.1	51.5	0.51	960	3.46	0.01
E840349		10.00	216.0	6.76	7.73	0.17	0.10	0.02	0.252	0.10	211.0	57.4	0.63	700	9.80	0.05
E840350		8.00	115.0	5.04	6.93	0.12	0.10	0.04	0.113	0.09	129.0	60.1	0.63	873	5.46	0.03

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07062601

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840322		0.87	20.6	1400	11.9	18.9	<0.001	0.13	0.45	3.6	1.1	0.5	33.7	0.01	0.05	3.7
E840323		1.25	35.2	880	11.3	22.1	<0.001	0.06	0.36	8.6	0.7	0.8	16.4	0.01	0.13	8.0
E840324		1.72	31.7	770	13.3	21.3	<0.001	0.05	0.52	8.5	1.1	0.7	16.5	0.01	0.07	7.1
E840325		1.16	34.0	1050	16.1	15.2	<0.001	0.07	0.61	7.5	1.0	0.7	16.8	0.01	0.06	5.5
E840326		1.20	34.5	900	11.5	30.9	<0.001	0.06	0.44	10.2	0.8	0.8	24.2	0.01	0.04	5.3
E840327		0.23	6.2	1480	4.9	5.0	<0.001	0.24	0.22	0.7	0.8	<0.2	32.4	0.01	0.02	0.6
E840328		1.28	22.4	740	5.5	14.9	<0.001	0.04	0.25	5.3	0.5	0.5	13.6	0.01	0.02	5.8
E840329		0.60	38.2	1570	11.1	29.4	0.002	0.16	0.34	8.0	2.7	0.8	29.8	0.01	0.95	5.4
E840330		0.27	19.5	1460	8.2	11.0	<0.001	0.18	0.38	2.7	1.5	0.2	33.7	0.01	0.34	2.8
E840331		1.58	27.3	750	4.7	12.3	<0.001	0.02	0.25	5.0	0.3	0.7	17.5	0.01	0.03	9.4
E840332		0.45	30.9	1560	16.5	8.2	<0.001	0.14	0.45	2.6	1.1	0.3	25.7	0.01	0.22	4.3
E840333		2.05	28.7	870	4.8	13.4	<0.001	0.01	0.28	6.5	0.4	0.8	22.4	0.01	0.04	11.5
E840334		1.41	15.4	410	14.7	11.3	<0.001	0.02	0.79	2.5	0.5	0.6	6.8	<0.01	0.07	6.2
E840335		0.31	6.2	1140	7.2	3.1	<0.001	0.14	0.26	0.8	0.6	0.4	5.3	<0.01	0.06	0.3
E840336		1.21	34.1	1010	10.0	16.5	<0.001	0.06	0.38	12.2	0.9	0.7	23.6	0.01	0.09	7.4
E840337		0.32	42.3	1970	17.9	10.5	<0.001	0.12	1.07	2.2	1.1	0.5	5.4	0.01	0.30	5.0
E840338		0.68	19.1	1740	15.0	11.3	<0.001	0.10	0.89	1.5	1.0	0.6	5.0	<0.01	0.14	1.3
E840339		0.44	13.6	1180	7.9	7.6	<0.001	0.07	0.49	1.1	0.6	0.3	3.8	<0.01	0.10	1.7
E840340		0.41	31.8	1250	16.0	11.2	<0.001	0.05	0.94	14.2	1.1	0.5	8.5	0.01	0.32	13.3
E840341		0.30	50.0	870	6.8	9.3	<0.001	0.01	0.66	7.9	0.7	0.3	7.2	0.01	0.13	24.1
E840342		0.21	4.4	590	5.3	6.3	<0.001	0.04	0.37	1.0	0.3	0.4	4.2	<0.01	0.04	3.7
E840343		0.06	4.6	920	5.2	3.7	<0.001	0.10	0.16	0.8	0.5	<0.2	1.8	<0.01	0.01	1.0
E840344		1.17	39.8	1520	25.0	13.9	0.001	0.17	5.24	4.0	2.8	0.5	19.0	0.02	0.24	38.8
E840345		0.85	52.3	1660	25.9	16.6	0.001	0.20	4.54	3.7	2.5	0.5	18.2	0.01	0.26	30.1
E840346		0.71	43.8	1620	21.9	13.7	0.001	0.20	3.72	3.0	2.1	0.4	14.9	0.01	0.21	24.3
E840347		0.68	17.6	1280	26.7	16.0	<0.001	0.13	2.70	2.0	1.3	0.6	12.8	0.01	0.17	7.2
E840348		1.12	77.3	1130	22.7	13.2	<0.001	0.09	2.23	3.3	2.0	0.5	18.4	0.02	0.15	23.6
E840349		1.18	63.3	1150	63.1	13.5	0.001	0.32	3.59	5.0	2.4	0.5	114.5	0.02	0.24	60.3
E840350		1.07	69.5	860	46.9	13.1	<0.001	0.17	3.14	2.9	1.8	0.4	66.2	0.02	0.14	29.7

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840322		0.032	0.09	3.69	29	0.23	20.60	50	0.7
E840323		0.085	0.08	3.97	40	0.77	23.10	36	0.6
E840324		0.083	0.09	3.72	37	0.49	40.90	42	0.7
E840325		0.041	0.13	3.70	50	0.35	36.10	58	0.9
E840326		0.073	0.11	1.95	44	0.48	28.70	41	<0.5
E840327		0.009	0.06	0.36	6	0.10	4.67	31	1.1
E840328		0.060	0.06	1.54	28	0.96	16.20	26	<0.5
E840329		0.032	0.13	8.84	47	0.85	36.50	35	0.5
E840330		0.008	0.10	6.66	15	0.10	38.10	31	0.8
E840331		0.068	0.05	1.42	29	1.07	12.45	27	0.5
E840332		0.014	0.22	2.68	20	0.11	35.40	51	0.7
E840333		0.100	0.05	1.39	33	0.88	13.25	30	0.7
E840334		0.041	0.14	0.83	58	0.20	3.39	41	0.5
E840335		0.012	0.04	1.63	15	0.07	1.45	18	<0.5
E840336		0.065	0.11	3.20	40	0.81	31.80	44	0.6
E840337		0.019	0.18	3.80	43	0.14	6.98	54	1.2
E840338		0.022	0.15	3.09	52	0.16	3.88	44	<0.5
E840339		0.015	0.08	3.00	29	0.13	2.07	23	<0.5
E840340		0.026	0.11	4.62	42	0.14	31.00	53	1.4
E840341		0.014	0.09	5.55	38	0.13	18.60	28	1.4
E840342		0.008	0.06	1.00	18	0.08	1.64	19	<0.5
E840343		<0.005	0.02	0.87	5	<0.05	0.93	7	<0.5
E840344		0.013	0.21	7.36	28	0.22	50.40	351	1.0
E840345		0.019	0.20	4.99	39	0.22	20.30	213	1.2
E840346		0.019	0.16	4.20	38	1.62	16.85	207	0.9
E840347		0.017	0.19	2.87	43	0.21	7.49	111	<0.5
E840348		0.022	0.19	5.42	39	0.24	31.50	418	2.4
E840349		0.009	0.23	7.74	20	0.49	36.10	439	2.2
E840350		0.013	0.17	5.03	21	0.25	41.30	291	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

CERTIFICATE VA07063122

Project: Werneckes

P.O. No.: FRG07-01

This report is for 120 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-22	Drying - Maximum Temp 60C
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841001		0.36	0.034	1.48	0.73	3160.0	<0.2	<10	1770	0.80	12.45	6.24	0.16	21.90	54.7	3
E841002		0.46	0.005	0.75	0.82	290.0	<0.2	<10	710	1.05	4.20	0.36	0.42	52.80	70.5	4
E841003		0.50	0.027	0.63	0.45	56.4	<0.2	<10	800	0.20	4.18	0.15	0.05	13.55	316.0	14
E841004		0.30	0.016	0.77	1.01	83.7	<0.2	<10	1470	0.41	3.72	0.75	0.12	26.60	458.0	26
E841005		0.42	0.018	0.68	1.01	46.1	<0.2	<10	1090	0.48	3.84	0.27	0.10	24.80	184.0	23
E841006		0.44	0.005	0.64	1.16	49.7	<0.2	<10	1470	0.62	2.65	0.50	0.12	27.40	69.4	23
E841007		0.62	0.005	0.19	0.84	178.5	<0.2	<10	1250	0.33	1.00	0.04	0.05	28.10	92.0	9
E841008		0.42	<0.005	0.12	0.87	97.2	<0.2	<10	230	0.21	2.25	0.02	0.05	36.80	20.3	8
E841009		0.56	0.026	0.20	1.54	65.8	<0.2	<10	630	0.93	1.80	0.22	0.07	80.60	130.0	21
E841010		0.38	0.010	0.38	1.32	152.5	<0.2	<10	1290	0.59	2.24	0.25	0.06	37.50	295.0	19
E841011		0.58	0.006	0.30	0.69	24.8	<0.2	<10	1110	0.38	1.42	0.31	0.05	26.80	95.6	10
E841012		0.26	0.016	0.55	1.17	144.0	<0.2	<10	860	0.50	3.58	0.27	0.09	26.60	308.0	25
E841013		0.40	0.011	0.22	1.51	36.9	<0.2	<10	1460	0.81	3.30	0.25	0.11	36.70	28.7	30
E841014		0.40	0.022	0.24	1.36	53.7	<0.2	<10	1180	0.76	3.53	0.19	0.12	38.40	34.5	18
E841015		0.30	0.006	1.86	0.96	144.5	<0.2	<10	4360	0.87	11.45	0.51	0.15	39.20	59.6	9
E841016		0.04	0.009	0.01	0.01	0.1	<0.2	<10	10	<0.05	0.02	<0.01	0.01	1.00	0.1	<1
E841017		0.28	0.016	3.13	0.55	108.0	<0.2	<10	4210	0.50	12.25	2.66	0.16	27.90	33.7	3
E841018		0.28	0.012	2.13	0.76	85.5	<0.2	<10	2990	0.75	4.57	0.74	0.10	32.50	27.5	6
E841019		0.34	0.019	1.91	1.14	133.0	<0.2	<10	1150	0.83	9.45	1.69	0.09	40.20	44.4	10
E841020		0.34	0.017	1.00	1.45	137.0	<0.2	<10	1760	1.10	12.00	0.32	0.06	66.70	83.8	17
E841021		0.26	0.164	3.30	2.88	172.5	0.2	<10	1410	1.06	23.50	0.24	0.06	72.80	105.5	22
E841022		0.36	0.030	0.12	2.50	26.1	<0.2	<10	1370	1.07	0.81	0.24	0.10	87.50	53.5	50
E841023		0.26	0.028	0.13	2.18	7.1	<0.2	<10	2940	0.84	0.57	0.27	0.07	65.40	35.1	22
E841024		0.26	0.020	0.09	1.85	9.3	<0.2	<10	1130	0.75	0.68	0.53	0.09	112.50	29.0	18
E841025		0.30	0.120	0.29	1.24	48.1	<0.2	<10	1860	0.47	11.60	0.36	0.04	169.00	122.0	10
E841026		0.38	0.040	0.49	0.73	59.7	<0.2	<10	1860	0.30	5.75	0.34	0.04	304.00	82.2	5
E841027		0.44	0.030	0.71	0.83	122.0	<0.2	<10	1170	0.41	8.73	0.81	0.07	167.50	93.8	5
E841028		0.26	0.034	0.72	0.78	132.5	<0.2	<10	1870	0.39	10.65	0.76	0.09	120.50	87.2	4
E841029		0.48	0.010	0.36	0.55	111.5	<0.2	<10	910	0.56	3.88	3.51	0.43	35.50	36.2	3
E841030		0.26	<0.005	0.23	0.66	41.5	<0.2	<10	240	0.50	2.03	3.74	0.42	25.40	27.9	3
E841031		0.30	0.016	0.39	1.06	75.8	<0.2	<10	420	0.51	2.69	5.13	0.21	20.40	88.0	4
E841032		0.50	0.009	0.38	0.45	134.0	<0.2	<10	1210	0.26	5.05	7.02	0.20	13.80	31.9	2
E841033		0.32	0.022	0.32	2.24	93.7	<0.2	<10	200	0.75	4.04	1.74	0.20	30.20	114.5	15
E841034		0.32	0.009	0.19	2.60	74.4	<0.2	<10	200	1.14	3.35	0.38	0.17	43.60	114.5	18
E841035		0.34	0.020	0.65	1.54	177.0	<0.2	<10	20	0.98	5.55	0.01	0.03	143.50	5.5	46
E841036		0.26	0.011	0.28	1.89	142.5	<0.2	<10	30	1.65	3.14	0.01	0.09	69.60	8.2	37
E841037		0.32	0.017	1.72	5.75	109.5	<0.2	<10	90	4.47	5.49	0.02	1.35	55.70	17.1	33
E841038		0.28	0.015	1.94	2.93	828.0	<0.2	<10	80	1.27	3.96	0.29	12.05	80.20	152.0	20
E841039		0.40	0.023	0.40	0.40	101.5	<0.2	<10	40	0.18	5.40	9.02	0.13	8.87	41.9	2
E841040		0.28	<0.005	0.20	0.45	60	<0.2	<10	60	0.21	1.55	10.65	0.15	9.85	16.8	2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Finalized Date: 3-JUL-2007
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CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841001		1.58	3410.0	16.30	2.53	0.21	0.14	0.07	1.200	0.03	10.1	17.2	1.82	20600	8.36	<0.01
E841002		0.78	741.0	11.40	2.59	0.21	0.20	0.16	0.371	0.04	23.8	18.4	0.38	12200	8.86	<0.01
E841003		0.51	62.6	11.85	2.04	0.17	0.08	0.05	0.042	0.02	6.7	4.6	0.18	2640	2.63	0.04
E841004		0.54	185.0	16.80	3.42	0.21	0.16	0.12	0.138	0.03	13.8	6.9	0.35	6870	6.32	0.06
E841005		0.59	207.0	11.40	4.38	0.15	0.11	0.09	0.093	0.03	15.6	11.3	0.46	4540	7.25	0.04
E841006		0.62	257.0	7.79	4.43	0.10	0.10	0.09	0.162	0.04	16.4	12.8	0.59	6000	5.81	0.02
E841007		0.71	60.8	7.66	3.63	0.09	0.06	0.02	0.026	0.04	16.3	7.6	0.25	1100	13.10	0.01
E841008		0.67	16.0	3.54	4.53	0.05	0.05	0.03	0.014	0.03	23.3	5.8	0.11	332	33.50	0.02
E841009		1.26	574.0	7.47	5.27	0.12	0.10	0.05	0.101	0.07	47.6	28.2	1.18	4090	11.55	0.02
E841010		0.64	202.0	9.55	4.47	0.12	0.09	0.05	0.115	0.06	22.5	21.3	0.77	4750	6.33	0.01
E841011		0.45	169.0	5.64	2.94	0.07	0.07	0.03	0.107	0.03	15.6	12.8	0.43	5080	2.83	0.01
E841012		0.53	160.0	10.75	4.80	0.14	0.09	0.07	0.078	0.04	15.6	17.9	0.70	3740	6.33	0.02
E841013		1.08	321.0	5.67	5.63	0.10	0.10	0.05	0.135	0.06	20.5	25.8	1.10	4660	4.87	<0.01
E841014		0.67	277.0	6.45	4.83	0.09	0.10	0.09	0.157	0.05	21.0	19.5	0.81	6510	5.63	<0.01
E841015		0.60	691.0	13.30	3.77	0.18	0.18	0.22	0.493	0.06	21.7	11.6	0.52	23700	11.95	0.01
E841016		<0.05	1.4	0.03	0.26	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	21	0.07	<0.01
E841017		0.41	1180.0	15.10	3.03	0.20	0.12	0.34	0.695	0.04	14.2	7.5	1.37	28200	13.00	0.01
E841018		0.52	345.0	9.82	2.94	0.13	0.12	0.55	0.365	0.04	16.8	11.8	0.70	16700	11.15	0.01
E841019		1.16	380.0	10.35	3.86	0.16	0.10	0.49	0.237	0.05	22.2	21.0	1.57	9760	16.40	0.01
E841020		1.30	1080.0	9.77	4.52	0.18	0.16	0.20	0.173	0.05	41.8	29.2	1.67	6130	30.50	0.01
E841021		2.29	360.0	18.50	8.99	0.31	0.16	1.04	0.341	0.05	42.0	37.5	2.29	4860	61.80	<0.01
E841022		1.81	304.0	7.50	9.49	0.13	0.10	0.05	0.104	0.11	49.4	42.0	1.67	5090	7.53	<0.01
E841023		1.26	457.0	6.16	6.14	0.09	0.11	0.05	0.111	0.10	39.6	32.5	1.54	5930	12.05	<0.01
E841024		1.03	255.0	6.38	5.46	0.12	0.13	0.06	0.125	0.10	71.1	25.8	1.37	4790	8.47	<0.01
E841025		0.69	2260.0	8.07	4.22	0.16	0.11	0.05	0.200	0.05	134.5	24.6	0.61	6220	47.30	<0.01
E841026		0.34	945.0	11.15	3.44	0.22	0.09	0.18	0.217	0.04	270.0	9.7	0.31	9080	57.90	<0.01
E841027		0.54	629.0	11.40	3.22	0.21	0.11	0.13	0.160	0.03	142.0	14.3	0.60	9560	39.60	<0.01
E841028		0.47	529.0	10.90	2.95	0.19	0.10	0.15	0.202	0.03	100.5	11.0	0.39	11700	46.20	<0.01
E841029		0.23	117.5	8.50	1.83	0.12	0.10	0.06	0.257	0.02	20.3	7.0	1.86	13750	7.27	0.01
E841030		0.28	41.0	10.80	2.44	0.16	0.10	0.03	0.508	0.02	10.7	7.6	2.26	20600	5.38	0.01
E841031		0.66	126.0	10.65	3.29	0.20	0.13	0.05	0.445	0.01	8.6	15.1	3.55	14550	15.00	<0.01
E841032		0.41	124.5	8.63	1.51	0.13	0.09	0.03	0.389	0.01	6.6	8.6	3.69	13900	8.12	<0.01
E841033		1.47	54.9	12.30	7.03	0.22	0.19	0.06	1.085	0.03	14.0	25.2	3.56	14900	21.40	<0.01
E841034		1.60	48.5	9.92	7.52	0.19	0.21	0.05	1.060	0.04	19.8	31.9	2.34	11150	12.45	<0.01
E841035		5.52	100.0	19.50	10.05	0.32	0.10	0.05	0.113	0.05	65.9	13.4	0.17	219	20.60	<0.01
E841036		5.64	126.0	14.75	7.27	0.22	0.07	0.04	0.068	0.05	30.7	19.6	0.25	257	9.71	<0.01
E841037		2.38	296.0	17.35	4.87	0.25	0.24	0.18	0.201	0.03	24.5	9.5	0.17	1500	7.70	0.01
E841038		1.41	471.0	17.05	5.08	0.29	0.16	1.47	1.255	0.04	42.9	17.5	0.59	13350	2.68	<0.01
E841039		0.18	1270.0	9.24	1.24	0.11	0.10	0.03	0.452	0.01	3.5	3.9	4.72	12250	3.00	<0.01
E841040		0.28	70.8	8.55	1.20	0.10	0.09	0.03	0.152	0.01	4.2	5.1	5.26	15800	4.35	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841001		0.12	52.8	880	42.1	3.2	0.002	0.15	6.83	3.2	1.4	0.3	39.8	0.01	0.19	6.2
E841002		0.09	123.0	740	16.5	3.8	0.002	0.10	4.13	4.8	1.5	<0.2	9.0	0.01	0.40	9.2
E841003		0.09	66.2	920	10.7	2.2	0.002	0.37	0.55	25.0	5.0	<0.2	8.0	0.01	1.42	15.6
E841004		0.15	94.8	1680	11.2	4.5	0.002	0.34	0.91	71.9	4.4	<0.2	10.8	0.01	1.11	14.3
E841005		0.13	79.8	1220	10.4	4.1	<0.001	0.25	1.13	49.4	3.4	<0.2	8.5	0.01	1.13	18.8
E841006		0.13	31.8	1170	10.5	5.8	<0.001	0.15	1.26	22.8	1.6	0.2	9.2	0.01	0.20	8.8
E841007		0.09	25.9	960	4.7	3.0	<0.001	0.08	0.85	5.4	1.3	<0.2	9.8	<0.01	0.46	9.0
E841008		0.22	7.5	910	8.5	4.8	<0.001	0.13	0.58	3.5	1.4	0.2	4.5	<0.01	0.44	6.6
E841009		0.11	44.8	980	6.9	4.8	<0.001	0.20	1.42	6.8	1.2	0.4	5.0	<0.01	0.25	13.1
E841010		0.12	60.1	1140	6.6	5.9	<0.001	0.16	0.89	21.0	2.3	0.2	5.7	<0.01	0.50	11.7
E841011		0.06	29.3	1040	5.9	2.7	<0.001	0.21	0.86	15.9	1.0	<0.2	4.8	<0.01	0.32	12.0
E841012		0.13	42.9	1120	7.3	4.5	<0.001	0.35	0.94	28.5	3.0	0.2	5.7	0.01	0.84	13.3
E841013		0.14	29.2	900	8.3	6.9	<0.001	0.06	1.50	13.9	0.7	0.3	7.9	<0.01	0.09	12.3
E841014		0.13	29.6	880	9.9	5.2	<0.001	0.08	2.03	13.2	0.9	0.2	5.5	<0.01	0.10	8.6
E841015		0.12	38.3	1040	24.7	4.7	<0.001	0.16	4.66	7.7	1.3	<0.2	15.8	0.01	0.17	6.5
E841016		<0.05	0.2	<10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
E841017		0.11	19.1	1090	26.8	3.4	<0.001	0.14	4.72	3.6	1.2	<0.2	22.6	0.01	0.10	2.3
E841018		0.10	27.0	1040	24.8	3.3	<0.001	0.12	2.77	3.3	0.9	<0.2	11.8	<0.01	0.11	4.5
E841019		0.19	43.4	1640	43.4	3.8	<0.001	0.26	6.51	4.3	1.2	0.4	18.6	<0.01	0.32	6.2
E841020		0.10	67.4	1600	25.3	3.3	<0.001	0.15	16.30	6.4	1.2	0.6	20.2	<0.01	0.30	10.3
E841021		0.19	58.8	1570	22.9	5.2	0.001	0.17	3.80	11.9	3.7	1.6	14.2	<0.01	0.70	10.1
E841022		0.16	41.0	1100	6.7	8.1	<0.001	0.06	1.09	22.1	1.2	0.4	8.2	<0.01	0.16	13.2
E841023		0.11	29.1	910	5.6	8.7	<0.001	0.05	0.47	11.4	1.1	0.4	15.8	<0.01	0.13	10.7
E841024		0.18	22.2	1100	5.7	6.6	<0.001	0.06	0.52	12.8	1.0	0.4	7.3	<0.01	0.20	14.3
E841025		0.39	23.2	1720	5.1	5.4	0.001	0.06	0.96	3.2	1.4	1.1	14.4	<0.01	0.63	10.7
E841026		2.27	21.4	2050	8.0	4.6	<0.001	0.13	1.77	3.8	1.9	1.0	10.1	0.01	0.73	6.8
E841027		0.87	25.1	2390	10.6	4.0	<0.001	0.27	2.09	2.6	1.7	0.6	9.6	0.01	0.55	4.7
E841028		0.79	24.2	2420	12.2	3.9	<0.001	0.11	2.00	2.6	1.9	0.5	10.6	0.01	0.59	3.5
E841029		0.13	29.3	1900	9.1	1.8	<0.001	0.15	0.91	2.8	0.9	<0.2	16.3	0.01	0.10	1.6
E841030		0.14	21.0	750	7.3	2.0	<0.001	0.20	0.49	3.1	1.1	<0.2	30.4	0.01	0.06	1.1
E841031		0.13	29.1	770	8.7	1.6	0.002	0.27	0.94	4.2	1.6	0.2	24.3	0.01	0.16	2.3
E841032		0.10	13.1	1010	13.6	1.2	0.001	0.17	1.44	2.0	0.9	<0.2	28.0	<0.01	0.10	1.7
E841033		0.18	50.8	1020	12.0	4.6	0.002	0.19	1.90	15.8	3.0	0.3	18.9	0.01	0.24	5.7
E841034		0.27	54.0	870	11.5	7.4	0.002	0.11	1.98	17.0	2.5	0.3	9.5	0.01	0.22	8.8
E841035		0.12	6.7	2550	111.0	10.3	0.002	0.19	14.55	2.6	2.6	0.4	2.5	<0.01	0.42	81.3
E841036		0.52	16.2	2270	78.9	9.9	0.001	0.22	11.30	3.1	1.9	0.3	7.1	0.01	0.25	49.4
E841037		0.52	78.2	2220	226.0	5.2	0.001	0.46	11.00	6.9	3.0	0.3	8.0	0.01	0.36	78.9
E841038		0.80	213.0	820	48.3	4.3	0.001	0.14	13.90	7.0	3.1	0.2	18.0	0.02	0.32	25.6
E841039		0.11	23.7	270	8.2	0.9	0.001	0.35	1.33	2.2	1.2	<0.2	33.7	0.01	0.09	1.0
E841040		0.12	6.1	370	7.0	1.4	0.001	0.09	0.63	1.4	0.9	<0.2	43.6	0.01	0.05	0.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841001		<0.005	7.23	10.15	15	0.24	19.60	65	5.1
E841002		<0.005	1.02	5.12	10	0.15	21.60	231	10.7
E841003		<0.005	0.17	2.67	15	0.11	12.60	19	2.3
E841004		<0.005	0.57	4.73	28	0.18	33.40	26	2.6
E841005		0.006	0.72	7.10	34	0.16	24.20	25	2.6
E841006		0.007	1.00	7.11	34	0.16	18.20	27	2.2
E841007		0.005	0.27	9.27	15	0.13	5.33	14	2.1
E841008		0.008	0.10	1.19	16	0.30	1.86	20	1.3
E841009		0.014	1.75	9.55	30	0.63	12.25	24	3.9
E841010		0.007	0.22	4.40	27	0.20	13.25	22	2.3
E841011		<0.005	0.24	2.77	13	0.11	10.70	17	1.9
E841012		0.006	0.72	4.30	34	0.16	14.75	26	2.3
E841013		0.012	1.11	3.62	50	0.23	11.80	28	2.5
E841014		0.008	0.98	4.08	33	0.25	12.50	29	2.3
E841015		<0.005	8.48	6.54	27	0.43	19.70	36	4.9
E841016		<0.005	0.05	0.08	<1	<0.05	0.60	3	0.5
E841017		<0.005	12.30	4.95	22	0.49	19.20	35	3.5
E841018		<0.005	12.15	5.03	22	0.35	14.40	31	3.7
E841019		<0.005	21.70	9.59	31	0.59	15.65	32	3.8
E841020		0.005	10.25	28.20	44	0.47	17.10	29	8.6
E841021		<0.005	41.20	10.30	87	1.20	17.95	27	5.7
E841022		0.017	0.43	7.35	84	0.47	16.85	36	2.9
E841023		0.013	0.20	6.08	46	0.46	14.25	29	2.9
E841024		0.011	0.17	5.45	34	0.69	15.05	34	3.6
E841025		0.021	0.60	15.55	47	2.53	13.90	24	4.8
E841026		0.012	3.11	15.90	265	2.18	15.95	17	2.4
E841027		0.007	6.44	6.60	110	1.58	13.60	24	3.1
E841028		0.006	7.01	7.62	76	1.85	13.90	25	2.7
E841029		<0.005	1.14	2.60	18	0.46	16.30	154	2.7
E841030		0.006	0.38	2.11	20	0.18	27.70	115	2.4
E841031		<0.005	0.43	3.36	30	0.37	19.25	73	3.2
E841032		<0.005	0.52	3.90	14	0.36	9.80	83	2.3
E841033		0.007	1.90	5.83	60	0.30	40.90	44	3.3
E841034		0.007	0.92	4.97	58	0.27	38.20	41	4.2
E841035		<0.005	0.32	3.10	30	0.08	4.29	116	5.3
E841036		0.018	0.24	5.81	36	0.12	6.70	153	2.1
E841037		0.019	0.32	7.12	26	0.14	12.80	688	7.4
E841038		0.015	0.10	12.35	26	0.13	32.90	3860	3.9
E841039		<0.005	0.30	2.48	15	0.14	15.05	50	2.7
E841040		0.005	0.17	2.28	8	0.17	10.05	76	2.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841041		0.34	0.122	7.21	0.40	202.0	<0.2	<10	500	0.14	25.00	4.92	0.38	15.40	65.7	2
E841042		0.36	0.009	0.77	0.41	277.0	<0.2	<10	680	0.19	9.35	2.70	0.07	12.95	50.2	2
E841043		0.24	0.127	0.84	0.57	170.5	<0.2	<10	1380	0.32	11.05	2.18	0.08	167.00	87.1	3
E841044		0.38	0.074	0.50	1.08	77.8	<0.2	<10	930	0.62	6.43	0.37	0.06	82.20	128.5	12
E841045		0.46	0.101	0.30	1.01	35.3	<0.2	<10	2140	0.36	15.85	0.54	0.06	206.00	89.4	9
E841046		0.42	0.118	0.26	0.80	8.2	<0.2	<10	790	0.45	0.86	0.21	0.10	93.80	30.7	11
E841047		0.44	0.087	0.25	1.84	11.4	<0.2	<10	1580	0.79	0.59	0.30	0.13	111.50	52.5	17
E841048		0.46	0.021	0.10	1.69	7.1	<0.2	<10	1180	0.92	0.48	0.27	0.12	78.70	24.4	18
E841049		0.30	0.007	0.08	1.31	4.4	<0.2	<10	720	1.38	0.20	0.34	0.04	77.70	6.1	18
E841050		0.24	0.009	0.06	3.22	5.7	<0.2	<10	510	0.88	0.86	0.22	0.02	130.50	11.7	33
E841051		0.14	0.013	0.13	1.43	14.7	<0.2	<10	1050	0.83	0.87	0.65	0.09	95.40	29.6	15
E841052		0.32	0.026	0.06	1.05	6.8	<0.2	<10	970	0.59	0.58	0.18	0.05	110.00	22.5	19
E841053		0.38	0.080	0.12	1.42	24.5	<0.2	<10	1200	0.61	0.93	0.25	0.08	149.00	72.9	17
E841054		0.34	0.180	0.17	1.33	26.7	<0.2	<10	1210	0.65	1.70	0.24	0.08	160.50	91.9	15
E841055		0.68	0.155	0.14	0.94	26.3	<0.2	<10	710	0.47	0.96	0.15	0.06	125.50	87.2	17
E841056		0.40	0.042	0.17	1.93	61.8	<0.2	<10	1410	0.95	1.10	0.37	0.14	122.00	93.9	29
E841057		0.30	0.007	0.09	2.08	52.3	<0.2	<10	960	1.12	0.79	0.25	0.08	96.80	71.1	89
E841058		0.42	0.046	1.48	2.34	139.0	<0.2	<10	430	0.83	16.70	3.52	0.09	31.00	300.0	11
E841059		0.38	0.021	1.10	3.09	74.4	<0.2	<10	1080	1.25	6.21	0.53	0.16	48.10	115.5	17
E841060		0.80	0.039	8.10	0.77	278.0	<0.2	<10	390	0.44	19.10	1.78	0.10	33.50	91.7	3
E841061		0.36	<0.005	0.11	2.05	52.1	<0.2	<10	80	1.12	1.09	0.05	0.20	37.20	52.8	21
E841062		0.30	0.005	0.06	2.35	65.9	<0.2	<10	90	1.23	1.20	0.04	0.11	42.10	41.4	25
E841063		0.22	0.009	0.10	2.66	46.9	<0.2	<10	90	2.05	1.11	0.03	0.14	68.50	60.7	26
E841064		0.20	0.007	0.04	1.37	59.8	<0.2	<10	90	0.93	0.83	0.10	0.13	30.90	32.5	13
E841065		0.32	<0.005	0.06	2.35	63.3	<0.2	<10	90	1.31	0.87	0.08	0.12	45.30	36.5	30
E841066		0.22	0.038	0.27	3.78	6.2	<0.2	<10	310	2.41	1.67	0.34	0.12	47.40	54.3	39
E841067		0.44	0.050	0.16	2.34	13.2	<0.2	<10	400	1.38	1.17	0.17	0.09	51.20	32.0	28
E841068		0.36	0.026	1.19	1.93	10.9	<0.2	<10	670	1.21	1.84	0.30	0.12	51.60	36.9	24
E841069		0.40	0.019	0.36	1.97	84.4	<0.2	<10	470	1.37	2.89	0.18	0.22	52.10	54.5	25
E841070		0.44	0.037	0.29	1.74	36.2	<0.2	<10	810	0.84	2.18	0.31	0.12	88.10	94.3	25
E841071		0.78	0.030	0.16	1.22	20.8	<0.2	<10	550	0.89	1.76	0.27	0.06	69.30	89.9	21
E841072		0.50	0.115	0.37	1.16	299.0	<0.2	<10	390	0.72	5.44	0.27	0.05	59.90	159.5	14
E841073		0.52	0.047	0.11	1.47	9.2	<0.2	<10	910	0.92	0.99	0.45	0.22	57.30	44.0	20
E841074		0.38	0.021	0.06	1.42	8.8	<0.2	<10	150	0.60	1.88	0.13	0.16	44.90	42.5	20
E841075		0.56	0.016	0.25	1.79	6.7	<0.2	<10	280	1.23	0.94	0.40	0.11	33.40	30.4	21
E841076		0.58	0.079	0.31	2.21	8.0	0.7	<10	180	1.43	2.81	0.25	0.11	49.00	43.0	35
E841077		0.24	0.008	0.07	2.34	34.5	<0.2	<10	80	1.22	0.93	0.04	0.08	53.30	21.6	27
E841078		0.60	<0.005	0.07	1.80	19.6	<0.2	<10	30	1.33	0.79	0.03	0.06	117.00	30.9	22
E841079		0.46	<0.005	0.14	2.20	25.1	<0.2	<10	80	2.06	0.78	0.05	0.11	92.30	66.8	22
E841080		0.68	0.008	0.04	1.20	28.7	<0.2	<10	60	0.28	0.74	0.03	0.09	34.80	9.8	21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841041		0.33	881.0	18.85	1.53	0.25	0.10	1.28	1.445	0.02	6.8	2.4	1.17	20900	7.89	<0.01
E841042		0.20	163.5	8.13	1.12	0.12	0.09	0.11	0.173	0.01	5.8	7.7	1.24	9070	9.93	<0.01
E841043		0.44	287.0	10.85	2.14	0.22	0.12	0.19	0.155	0.02	133.5	8.2	1.08	9580	29.90	<0.01
E841044		1.26	1405.0	9.02	3.35	0.19	0.14	0.11	0.116	0.09	55.7	27.3	0.54	5830	33.40	<0.01
E841045		0.52	1525.0	7.19	3.57	0.22	0.13	0.05	0.315	0.03	158.0	18.8	0.52	7740	62.40	<0.01
E841046		1.08	1445.0	5.93	2.74	0.16	0.09	0.05	0.089	0.06	63.8	15.5	0.46	6120	21.80	<0.01
E841047		1.97	1895.0	8.41	5.78	0.20	0.16	0.10	0.164	0.07	88.4	28.1	0.97	9130	29.30	<0.01
E841048		1.91	129.0	6.88	4.03	0.16	0.14	0.08	0.197	0.08	40.8	24.9	1.32	8060	4.42	<0.01
E841049		3.28	21.6	4.55	3.56	0.14	0.11	0.04	0.121	0.15	39.2	20.6	1.09	2930	1.60	<0.01
E841050		1.25	36.0	6.43	8.18	0.19	0.13	0.03	0.063	0.11	70.3	64.5	2.81	2140	3.21	<0.01
E841051		1.74	66.2	5.47	3.87	0.14	0.14	0.08	0.141	0.10	52.9	14.7	0.95	5490	7.28	<0.01
E841052		1.10	111.0	5.73	3.66	0.16	0.09	0.05	0.081	0.08	68.3	12.1	0.55	4830	5.52	<0.01
E841053		1.30	1475.0	8.06	5.20	0.19	0.12	0.07	0.091	0.08	109.5	18.1	0.72	4990	21.00	<0.01
E841054		1.25	1815.0	8.24	4.18	0.20	0.12	0.04	0.109	0.08	118.0	21.3	0.69	6280	26.30	<0.01
E841055		0.59	1440.0	7.38	3.75	0.17	0.10	0.03	0.052	0.06	88.7	15.8	0.46	3800	16.75	<0.01
E841056		1.71	728.0	6.93	6.73	0.24	0.18	0.10	0.111	0.11	104.0	23.8	1.01	5790	9.90	<0.01
E841057		2.25	185.5	5.80	7.27	0.19	0.13	0.06	0.078	0.10	76.0	28.9	1.21	3080	5.84	<0.01
E841058		0.92	273.0	13.60	6.88	0.27	0.19	0.21	0.684	0.02	14.8	30.2	4.72	8640	32.00	<0.01
E841059		2.14	902.0	11.55	9.07	0.19	0.21	0.25	1.130	0.04	25.7	37.1	3.28	12850	14.95	<0.01
E841060		0.73	669.0	14.40	2.34	0.18	0.13	2.18	0.544	0.04	18.1	10.0	2.06	11100	25.80	<0.01
E841061		1.30	74.2	5.50	5.51	0.09	0.11	0.12	0.059	0.08	16.8	19.7	0.76	2930	2.44	<0.01
E841062		1.93	69.9	5.09	6.85	0.10	0.07	0.06	0.064	0.08	19.8	24.8	0.72	1895	3.02	<0.01
E841063		1.76	105.0	5.43	6.81	0.12	0.09	0.04	0.091	0.07	30.8	41.3	1.03	2190	2.36	<0.01
E841064		0.94	69.6	3.13	3.97	0.07	0.04	0.09	0.044	0.07	14.7	10.6	0.46	1260	2.10	<0.01
E841065		1.94	86.8	4.57	6.63	0.09	0.09	0.05	0.063	0.08	20.9	33.0	0.83	1365	2.14	<0.01
E841066		3.13	14.1	6.18	16.35	0.24	0.15	0.08	0.124	0.16	24.4	67.9	4.37	1335	2.68	<0.01
E841067		2.70	39.7	6.21	8.93	0.13	0.10	0.06	0.108	0.09	25.3	49.4	2.12	3830	9.20	0.01
E841068		2.28	38.2	5.96	7.39	0.13	0.15	0.19	0.099	0.12	27.5	36.1	1.76	4030	7.89	0.01
E841069		2.11	189.0	7.22	6.89	0.14	0.14	0.12	0.184	0.09	28.6	25.0	1.30	5270	9.91	0.01
E841070		1.37	251.0	12.45	8.12	0.23	0.19	0.05	0.400	0.06	54.2	19.4	1.12	12200	38.10	0.01
E841071		1.07	60.5	6.51	5.84	0.14	0.13	0.06	0.127	0.08	40.9	20.1	1.11	4700	11.90	0.01
E841072		0.90	161.5	9.02	5.01	0.17	0.13	0.05	0.378	0.16	35.7	15.8	0.90	7360	29.80	0.01
E841073		2.26	33.3	4.65	5.43	0.13	0.10	0.11	0.081	0.12	30.2	23.7	1.46	4830	2.75	0.01
E841074		2.68	48.7	5.62	8.75	0.11	0.02	0.09	0.088	0.11	22.8	22.3	1.10	2510	29.30	0.01
E841075		1.64	21.5	4.86	6.81	0.11	0.12	0.10	0.076	0.09	18.3	28.7	1.67	2460	6.10	0.01
E841076		2.04	18.1	5.10	13.10	0.22	0.11	0.15	0.079	0.13	26.0	47.2	2.83	2320	2.50	0.01
E841077		2.07	93.1	4.29	7.46	0.10	0.08	0.06	0.060	0.06	27.0	32.7	0.62	514	3.15	0.01
E841078		0.87	86.8	3.71	5.38	0.14	0.07	0.05	0.032	0.05	58.9	25.8	0.66	624	1.65	0.01
E841079		1.30	94.4	3.91	5.86	0.13	0.06	0.05	0.056	0.06	48.2	36.1	0.83	1265	2.28	0.01
E841080		1.86	27.5	4.10	9.55	0.08	<0.02	0.05	0.033	0.05	17.0	6.5	0.26	559	2.99	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841041		0.21	18.7	630	39.0	2.1	<0.001	0.13	2.32	2.1	1.5	0.2	24.0	0.01	0.14	0.8
E841042		0.09	14.0	2580	12.5	0.8	<0.001	0.44	1.92	1.2	0.9	<0.2	13.4	<0.01	0.18	1.3
E841043		0.66	28.4	2980	14.0	1.6	0.002	0.25	2.76	1.9	1.6	0.4	12.4	0.01	0.52	3.4
E841044		0.29	29.7	1070	7.9	7.7	0.001	0.26	1.76	3.2	1.9	0.5	7.7	0.01	0.53	14.2
E841045		0.66	21.0	2390	6.6	4.4	0.002	0.04	0.90	10.4	2.1	1.2	14.7	0.01	0.90	9.8
E841046		0.32	17.8	1000	7.9	6.8	0.001	0.01	0.58	2.9	1.4	0.5	5.1	0.01	0.21	12.8
E841047		0.24	29.4	1440	8.8	8.8	0.001	0.05	0.59	7.5	2.4	0.5	7.1	0.01	0.25	15.2
E841048		0.12	24.8	990	8.4	7.1	0.001	0.02	0.57	6.2	1.2	0.5	4.7	0.01	0.11	17.8
E841049		0.10	12.6	770	5.6	9.9	0.001	0.01	0.76	9.0	1.0	0.6	4.2	<0.01	0.07	19.4
E841050		0.10	18.5	870	3.4	6.3	0.001	0.01	0.87	9.1	0.9	0.8	3.7	<0.01	0.20	16.9
E841051		0.12	14.2	1170	5.2	8.0	0.001	0.06	0.47	12.7	1.7	0.3	5.8	0.01	0.26	10.2
E841052		0.14	17.9	780	3.9	6.8	0.001	0.02	0.66	7.2	1.1	0.5	3.2	0.01	0.14	12.5
E841053		0.28	25.5	1110	4.9	9.6	0.003	0.05	0.66	3.6	1.9	0.7	5.7	<0.01	0.38	9.9
E841054		0.35	25.0	1060	4.8	9.2	0.003	0.02	0.84	3.2	1.7	0.9	5.9	0.01	0.45	11.7
E841055		0.26	22.9	860	3.8	6.0	0.002	0.01	0.87	2.3	1.2	0.9	3.5	<0.01	0.30	13.2
E841056		0.19	33.9	1330	6.2	10.3	0.001	0.06	0.74	10.3	2.2	0.5	5.9	0.01	0.29	12.8
E841057		0.23	41.7	1340	5.9	14.8	<0.001	0.07	0.77	9.1	1.4	0.5	5.3	0.01	0.15	8.5
E841058		0.12	80.9	1520	37.2	2.3	0.001	0.22	14.90	11.7	2.4	0.4	19.6	0.01	0.32	5.6
E841059		0.14	46.1	1680	20.4	5.4	0.001	0.06	3.20	8.1	1.7	0.7	7.4	0.01	0.16	7.9
E841060		0.17	28.5	1880	113.0	2.6	0.002	0.29	5.85	3.4	2.0	0.9	14.0	<0.01	0.36	3.9
E841061		0.26	31.7	960	10.5	10.9	0.001	0.06	1.27	2.6	1.3	0.2	4.3	<0.01	0.10	14.1
E841062		0.39	27.6	680	11.6	17.3	<0.001	0.04	1.38	2.5	1.1	0.4	4.4	<0.01	0.11	11.1
E841063		0.48	46.1	490	9.1	9.7	<0.001	0.02	0.95	2.9	0.9	0.4	3.9	0.01	0.08	18.5
E841064		0.29	19.5	410	8.5	9.7	<0.001	0.07	0.92	2.0	1.1	0.2	5.8	<0.01	0.07	9.4
E841065		0.52	35.5	650	11.1	14.7	<0.001	0.04	0.99	2.6	0.9	0.4	6.3	<0.01	0.09	11.5
E841066		0.44	63.2	810	8.9	29.3	<0.001	0.03	0.79	13.9	1.6	0.9	6.1	0.01	0.42	18.5
E841067		0.14	72.1	970	21.6	17.2	<0.001	0.05	1.24	8.4	1.4	0.6	2.9	0.01	0.24	15.0
E841068		0.17	56.7	790	18.6	17.2	0.001	0.06	1.25	9.9	1.6	0.6	6.4	0.01	0.46	19.7
E841069		0.25	85.4	1170	15.5	21.4	0.001	0.07	2.03	10.8	2.2	0.5	7.3	0.01	0.57	13.7
E841070		0.15	50.9	840	12.3	11.2	0.001	0.49	1.76	12.1	1.9	0.7	9.7	0.01	0.36	12.8
E841071		0.12	48.9	860	6.0	9.9	0.001	0.13	0.97	7.1	1.1	0.7	4.6	0.01	0.29	18.3
E841072		0.13	56.0	1040	8.0	12.5	0.001	0.36	1.66	5.1	1.8	0.6	9.4	<0.01	0.79	15.9
E841073		0.21	52.0	1060	8.6	25.6	0.001	0.07	0.71	7.9	1.4	0.5	8.6	0.01	0.19	10.1
E841074		0.22	40.7	1180	11.0	20.6	0.001	0.10	1.40	2.6	0.9	0.6	3.6	<0.01	0.44	2.9
E841075		0.24	41.6	900	14.8	19.6	0.001	0.05	1.22	8.6	2.0	0.6	5.3	0.01	0.21	14.1
E841076		0.20	59.1	800	8.8	23.3	<0.001	0.03	1.07	14.3	1.3	0.8	4.5	0.01	0.70	17.8
E841077		0.57	31.0	780	11.0	13.1	<0.001	0.05	1.09	2.5	1.1	0.6	5.5	<0.01	0.12	5.3
E841078		0.29	36.1	640	4.9	6.5	<0.001	0.03	0.65	1.9	0.7	0.2	2.8	0.01	0.09	15.0
E841079		0.20	45.8	390	6.1	7.5	<0.001	0.02	0.75	3.0	0.7	0.3	4.0	<0.01	0.07	21.1
E841080		1.08	13.7	510	14.2	10.3	<0.001	0.05	1.33	1.7	0.7	1.0	5.7	<0.01	0.12	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841041		0.007	44.40	7.40	23	0.66	14.40	132	2.5
E841042		<0.005	2.55	4.38	9	0.42	7.29	28	2.7
E841043		<0.005	9.71	7.23	76	1.39	12.15	23	3.3
E841044		0.020	3.79	21.30	38	1.22	13.55	28	6.2
E841045		0.020	0.24	11.80	27	1.92	21.00	33	3.2
E841046		0.052	0.11	14.25	19	1.17	14.60	31	2.8
E841047		0.016	0.16	22.70	30	0.86	25.30	50	3.6
E841048		0.027	0.13	8.31	28	0.72	21.80	34	3.5
E841049		0.018	0.10	3.75	23	1.10	17.05	15	2.5
E841050		0.024	0.12	5.24	42	0.45	13.40	23	3.4
E841051		0.008	0.70	5.58	25	0.33	15.35	25	2.9
E841052		0.031	0.08	5.97	29	0.70	13.90	20	2.3
E841053		0.018	0.12	21.50	29	1.27	16.25	27	2.4
E841054		0.025	0.11	30.10	29	2.14	16.50	26	2.7
E841055		0.036	0.08	16.10	31	2.20	11.65	20	3.9
E841056		0.019	0.12	14.70	35	0.56	23.20	39	3.9
E841057		0.029	0.12	12.60	44	0.46	15.70	42	2.7
E841058		<0.005	8.71	18.80	61	0.40	22.90	40	5.5
E841059		0.008	6.21	17.70	62	0.42	21.30	49	5.0
E841060		<0.005	50.80	6.47	27	1.53	13.40	34	4.0
E841061		0.011	0.42	3.57	22	0.09	11.65	48	2.4
E841062		0.013	0.26	3.27	32	0.12	8.07	45	1.6
E841063		0.011	0.13	2.98	25	0.09	9.94	74	1.9
E841064		0.009	0.10	2.24	17	0.08	6.77	27	1.5
E841065		0.017	0.13	3.09	34	0.13	6.37	65	2.1
E841066		0.055	0.10	14.75	52	0.40	23.70	53	4.5
E841067		0.023	0.07	6.35	32	0.48	19.50	49	2.1
E841068		0.022	0.10	6.31	28	0.45	27.10	50	3.8
E841069		0.030	0.12	9.50	34	0.38	25.50	60	3.0
E841070		0.012	0.09	16.70	41	0.94	36.20	57	5.1
E841071		0.036	0.04	9.80	31	0.94	16.65	24	5.1
E841072		0.016	0.05	22.20	21	0.74	15.50	21	5.9
E841073		0.036	0.13	3.65	27	0.43	32.70	33	1.5
E841074		0.030	0.12	4.85	34	0.45	7.19	36	<0.5
E841075		0.025	0.20	9.29	28	0.47	27.30	35	2.7
E841076		0.045	0.12	6.83	45	0.53	21.10	37	3.1
E841077		0.013	0.15	2.03	36	0.15	5.55	49	1.9
E841078		0.005	0.07	2.50	13	0.06	7.73	45	1.4
E841079		<0.005	0.08	3.39	17	0.06	11.85	54	1.3
E841080		0.045	0.15	1.09	62	0.28	2.74	47	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841081		0.66	0.006	0.09	1.70	44.2	<0.2	<10	70	2.08	0.91	0.04	0.12	68.40	49.9	18
E841082		0.54	<0.005	0.07	1.71	39.3	<0.2	<10	70	2.01	0.89	0.07	0.12	75.50	44.1	18
E841083		0.46	0.013	0.23	1.32	81.0	<0.2	<10	260	0.84	1.77	0.46	0.15	31.20	42.2	18
E841084		0.24	0.058	2.35	0.09	40.2	<0.2	<10	140	0.11	4.62	0.66	0.85	17.10	21.6	<1
E841085		0.62	0.183	0.45	0.68	256.0	<0.2	<10	430	0.35	6.73	0.20	0.09	56.10	320.0	8
E841086		0.40	0.278	0.43	0.65	260.0	<0.2	<10	400	0.34	6.73	0.19	0.05	57.10	313.0	8
E841087		0.28	0.106	3.23	0.57	445.0	<0.2	<10	270	0.29	7.68	2.13	1.35	159.00	524.0	4
E841088		0.34	0.925	27.40	0.24	496.0	0.8	<10	160	0.12	31.10	0.06	<0.01	32.80	177.5	2
E841089		0.48	0.196	4.47	0.84	260.0	0.2	<10	310	0.33	8.02	0.30	0.03	41.70	631.0	10
E841090		0.36	0.092	1.36	0.74	199.5	<0.2	<10	420	0.36	4.81	0.57	0.07	41.00	480.0	9
E841091		0.46	0.090	1.11	0.63	163.0	<0.2	<10	290	0.28	4.35	0.71	0.14	42.60	450.0	7
E841092		0.32	0.010	0.10	0.78	44.2	<0.2	<10	140	0.39	1.55	0.32	0.14	20.50	84.9	7
E841093		0.26	0.045	0.69	1.34	183.5	<0.2	<10	280	0.60	4.16	0.21	0.12	45.50	136.5	15
E841094		0.22	0.067	1.40	1.33	397.0	<0.2	<10	630	0.90	6.28	0.37	0.23	50.70	368.0	13
E841095		0.46	0.055	0.55	0.56	179.0	<0.2	<10	610	0.37	3.58	0.78	0.14	62.40	305.0	6
E841096		0.22	0.025	0.15	1.28	354.0	<0.2	<10	250	0.71	3.84	0.29	0.14	52.20	217.0	14
E841097		0.62	0.031	0.12	1.15	7.1	<0.2	<10	1230	0.66	0.88	0.34	0.05	54.70	37.2	20
E841098		0.82	0.028	0.15	0.97	2.9	<0.2	<10	1520	0.61	0.86	1.82	0.03	41.00	25.9	16
E841099		0.64	0.041	0.18	1.22	6.4	<0.2	<10	1780	0.75	0.75	1.72	0.06	44.70	34.1	18
E841100		0.72	0.027	0.18	1.28	9.2	<0.2	<10	1920	0.83	0.79	0.72	0.08	51.90	40.3	20
E841101		0.62	0.019	0.20	1.62	5.9	<0.2	<10	1640	0.97	0.58	0.81	0.11	88.30	25.1	20
E841102		0.56	0.028	0.13	1.49	4.5	<0.2	<10	740	1.02	0.55	2.14	0.03	55.50	52.1	19
E841103		0.58	0.036	0.13	1.48	4.8	<0.2	<10	720	1.05	0.50	1.59	0.03	51.70	50.0	19
E841104		0.54	0.035	0.19	1.81	8.4	<0.2	<10	450	1.41	0.64	0.24	0.06	66.70	69.5	24
E841105		0.48	0.029	0.17	2.22	13.4	<0.2	<10	420	1.39	0.90	0.23	0.12	54.70	63.6	25
E841106		0.30	0.033	0.29	2.00	22.8	<0.2	<10	1280	1.54	1.38	0.41	0.09	53.60	70.4	25
E841107		0.18	0.024	0.22	2.03	57.2	<0.2	<10	430	1.63	1.58	0.39	0.07	55.00	47.4	23
E841108		0.62	0.013	1.36	1.86	5.8	<0.2	<10	310	1.42	0.52	0.33	0.05	64.40	58.9	29
E841109		0.82	0.087	0.09	1.83	6.3	<0.2	<10	440	1.52	0.47	0.37	0.06	60.60	60.7	27
E841110		0.44	0.017	0.09	1.76	6.1	<0.2	<10	570	1.25	0.53	0.51	0.04	56.40	68.9	28
E841111		0.56	0.019	0.16	1.77	6.2	<0.2	<10	390	1.44	0.45	0.31	0.05	56.60	59.3	26
E841112		0.60	0.015	0.09	1.79	7.1	<0.2	<10	1590	1.46	0.37	0.37	0.10	46.40	48.4	25
E841113		0.68	0.020	0.09	1.69	5.6	<0.2	<10	1720	1.13	0.36	0.32	0.07	52.10	42.8	25
E841114		0.40	0.030	0.13	1.82	9.4	<0.2	<10	1180	2.61	0.56	0.25	0.16	55.30	46.5	24
E841115		0.46	0.026	0.32	2.95	6.1	<0.2	<10	1450	1.62	0.68	0.40	0.10	68.40	66.0	37
E841116		0.50	0.019	0.18	1.73	10.8	<0.2	<10	140	0.72	0.70	2.99	0.06	32.40	55.5	21
E841117		0.58	0.035	0.14	1.61	5.1	<0.2	<10	430	1.00	0.37	0.44	0.08	56.90	29.5	21
E841118		0.30	0.039	0.51	2.53	41.8	<0.2	<10	600	1.34	2.55	3.64	0.13	42.20	88.1	22
E841119		0.26	0.049	0.25	2.22	10.3	<0.2	<10	1580	1.79	0.72	0.59	0.16	63.90	57.1	24
E841120		0.48	0.013	0.26	2.12	47.9	<0.2	<10	360	1.21	1.44	1.12	0.10	51.00	48.2	21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063122

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841081		0.94	110.0	3.65	4.76	0.11	0.07	0.05	0.048	0.05	32.9	24.0	0.83	1505	1.97	0.01
E841082		0.79	91.3	3.65	4.74	0.12	0.05	0.05	0.036	0.04	36.6	25.5	0.86	1105	1.67	0.01
E841083		1.80	65.5	5.12	5.89	0.10	0.03	0.17	0.161	0.10	17.1	21.4	0.97	2820	7.67	0.01
E841084		0.29	18.0	32.80	3.09	0.43	0.13	0.17	0.551	0.01	7.8	0.3	0.66	>50000	395.00	0.01
E841085		0.50	372.0	12.35	2.97	0.19	0.09	0.07	0.624	0.21	37.3	7.9	0.42	7930	91.50	0.01
E841086		0.47	394.0	12.65	2.79	0.20	0.11	0.07	0.626	0.21	37.9	7.2	0.39	7340	98.20	0.01
E841087		0.69	1255.0	19.45	3.43	0.38	0.14	0.22	0.432	0.08	113.0	3.2	0.55	12900	114.00	0.01
E841088		0.52	162.5	19.60	1.71	0.56	0.06	1.89	0.122	0.35	22.9	2.3	0.10	1950	587.00	0.02
E841089		0.69	169.5	13.70	3.22	0.23	0.10	0.65	0.155	0.21	25.4	6.3	0.63	7770	179.00	0.01
E841090		0.71	103.5	12.20	3.08	0.19	0.11	0.26	0.196	0.13	24.0	6.4	0.67	10100	71.40	0.01
E841091		0.56	71.4	15.30	3.08	0.23	0.14	0.30	0.270	0.09	26.2	4.3	0.56	16200	62.20	0.01
E841092		0.48	23.9	7.71	2.45	0.11	0.11	0.10	0.152	0.05	12.5	2.8	0.18	10550	12.75	0.01
E841093		1.16	132.0	9.70	5.50	0.16	0.06	0.14	0.208	0.07	31.5	9.9	0.70	4610	49.50	0.01
E841094		1.27	273.0	12.80	4.83	0.21	0.14	0.25	0.263	0.16	31.1	10.9	0.97	10750	61.70	0.01
E841095		0.57	80.1	14.00	2.62	0.22	0.16	0.17	0.225	0.07	41.4	3.0	0.34	15450	32.10	0.01
E841096		0.97	74.2	9.18	4.42	0.14	0.08	0.12	0.137	0.07	28.4	11.1	0.56	6720	24.40	0.01
E841097		1.34	40.8	3.99	4.82	0.11	0.09	0.07	0.047	0.13	31.0	20.6	1.37	2220	2.58	0.01
E841098		1.13	24.3	3.44	3.67	0.10	0.09	0.03	0.029	0.17	21.8	20.3	2.06	1625	1.34	0.01
E841099		1.40	38.0	4.03	4.63	0.11	0.09	0.06	0.047	0.17	23.8	22.8	2.19	2560	1.82	0.01
E841100		1.50	40.0	4.34	4.98	0.12	0.09	0.05	0.055	0.16	27.8	22.9	1.65	2730	2.32	0.01
E841101		0.88	28.9	4.30	5.98	0.15	0.08	0.06	0.050	0.09	49.2	25.6	1.71	3660	1.26	0.01
E841102		1.25	358.0	4.33	4.47	0.13	0.10	0.02	0.060	0.16	29.7	25.4	2.69	2260	8.10	0.01
E841103		1.11	342.0	4.29	4.81	0.09	0.08	0.03	0.057	0.15	28.4	25.7	2.32	2330	8.07	<0.01
E841104		1.39	547.0	5.10	6.01	0.11	0.09	0.06	0.082	0.15	36.0	30.2	1.93	3260	13.00	<0.01
E841105		1.48	365.0	5.68	6.70	0.12	0.07	0.08	0.091	0.15	27.0	31.7	1.95	3970	13.20	<0.01
E841106		1.90	96.1	5.51	7.58	0.14	0.12	0.06	0.097	0.19	28.7	37.4	2.09	3970	6.37	<0.01
E841107		1.35	440.0	4.78	6.35	0.10	0.12	0.05	0.173	0.08	28.6	32.6	1.39	1565	10.85	<0.01
E841108		2.13	125.0	4.54	9.22	0.20	0.09	0.02	0.044	0.28	35.2	37.8	2.63	1345	4.26	<0.01
E841109		2.20	150.5	4.55	9.00	0.20	0.09	0.07	0.053	0.25	33.5	37.0	2.55	1710	5.13	<0.01
E841110		1.98	170.0	4.58	8.62	0.19	0.10	0.03	0.042	0.31	30.6	33.1	2.59	1345	4.92	<0.01
E841111		2.32	118.5	3.92	9.47	0.20	0.09	0.04	0.047	0.25	31.6	37.6	2.52	1315	4.35	<0.01
E841112		2.00	293.0	4.54	7.39	0.14	0.06	0.05	0.079	0.15	25.7	30.5	2.12	2340	7.72	<0.01
E841113		1.84	245.0	4.59	7.29	0.16	0.07	0.03	0.066	0.18	28.9	32.2	2.18	1830	6.52	<0.01
E841114		2.75	358.0	4.45	6.19	0.11	0.07	0.05	0.095	0.14	28.3	26.2	1.44	2690	6.73	<0.01
E841115		3.08	730.0	5.41	11.15	0.21	0.06	0.05	0.099	0.20	39.8	45.7	3.75	2730	4.70	<0.01
E841116		1.33	483.0	5.13	6.89	0.18	0.07	0.03	0.131	0.09	17.6	27.0	3.42	3340	4.89	<0.01
E841117		1.40	92.8	4.91	6.62	0.15	0.08	0.04	0.083	0.13	31.1	27.2	1.76	3800	1.84	<0.01
E841118		2.45	666.0	7.32	8.45	0.28	0.14	0.09	0.285	0.10	22.5	36.1	4.55	6560	19.45	0.01
E841119		1.99	253.0	5.67	7.91	0.13	0.12	0.07	0.149	0.14	36.4	31.4	1.95	5010	12.25	<0.01
E841120		1.27	171.5	5.90	6.19	0.16	0.12	0.07	0.096	0.09	26.6	32.3	2.00	3280	9.23	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841081		0.34	35.2	630	6.2	6.3	<0.001	0.02	0.89	2.4	0.7	0.2	2.6	<0.01	0.09	16.2
E841082		0.38	36.7	470	4.5	4.7	<0.001	0.02	0.82	2.1	0.6	0.2	2.8	0.01	0.08	18.4
E841083		0.16	36.9	1200	12.3	20.6	<0.001	0.11	1.12	3.2	1.2	0.6	5.9	<0.01	0.41	1.9
E841084		0.22	28.8	530	173.5	1.1	0.001	0.04	2.52	3.8	1.7	<0.2	24.0	0.02	0.50	1.9
E841085		0.22	65.0	1140	11.4	13.4	0.004	0.57	1.35	4.0	3.1	0.7	7.7	<0.01	1.02	10.9
E841086		0.22	64.2	1190	9.2	13.4	0.004	0.57	1.26	3.7	3.2	0.8	7.3	0.01	1.02	11.2
E841087		4.20	228.0	2780	114.0	7.6	0.004	1.06	7.49	3.4	8.0	0.8	22.0	0.02	1.42	7.3
E841088		1.38	35.5	1520	24.6	15.9	0.013	1.44	2.29	1.7	83.8	1.3	9.7	<0.01	54.40	5.8
E841089		0.39	106.0	1610	8.6	13.4	0.007	0.70	1.11	4.8	12.9	0.7	13.0	0.01	14.65	11.2
E841090		0.51	89.2	1680	8.1	10.8	0.004	0.61	1.02	5.7	6.4	0.6	12.3	0.01	4.06	10.7
E841091		1.27	81.6	2090	13.3	8.4	0.003	0.78	1.12	6.0	4.9	0.5	13.5	0.01	2.94	8.7
E841092		0.16	21.6	1620	9.3	8.5	0.001	0.20	1.45	3.5	2.2	0.4	8.1	0.01	0.42	3.9
E841093		0.50	44.2	1080	16.8	14.8	0.001	0.12	1.94	5.9	2.5	0.7	5.8	0.01	1.50	5.1
E841094		0.56	112.5	1190	26.8	14.4	0.003	0.30	3.26	8.0	4.4	0.6	10.0	0.01	2.50	14.6
E841095		0.95	67.5	1700	13.8	6.6	0.001	0.53	1.56	5.2	2.9	0.5	12.8	0.01	0.97	8.5
E841096		0.42	44.5	1100	14.9	11.9	0.001	0.09	1.68	4.0	1.5	0.6	5.3	<0.01	0.70	6.8
E841097		0.19	41.8	740	5.1	21.5	<0.001	0.05	0.56	5.5	0.8	0.5	13.0	0.01	0.20	12.8
E841098		0.12	37.4	700	3.6	21.6	<0.001	0.04	0.51	4.0	0.6	0.4	27.9	<0.01	0.18	12.9
E841099		0.16	44.7	780	5.1	23.3	<0.001	0.05	0.58	6.1	0.8	0.5	27.6	0.01	0.18	14.6
E841100		0.19	47.8	850	7.6	23.2	0.001	0.06	0.68	6.5	0.8	0.5	26.8	<0.01	0.17	15.0
E841101		0.16	62.6	900	5.7	12.2	<0.001	0.06	0.56	5.9	0.9	0.4	20.8	0.01	0.11	11.2
E841102		0.12	55.1	700	3.5	19.7	0.001	0.02	0.70	6.5	1.1	0.4	12.7	<0.01	0.31	14.8
E841103		0.14	54.5	710	3.4	21.7	<0.001	0.03	0.56	6.8	1.1	0.3	10.4	<0.01	0.25	13.4
E841104		0.16	66.0	770	4.4	23.7	<0.001	0.03	0.67	9.8	1.5	0.3	3.8	0.01	0.35	15.5
E841105		0.25	65.9	980	7.8	25.5	<0.001	0.08	0.83	10.4	1.6	0.4	6.0	<0.01	0.34	12.5
E841106		0.24	70.5	890	9.6	32.5	0.001	0.06	0.79	10.1	1.7	0.6	9.0	0.01	0.30	15.4
E841107		0.47	42.1	640	10.8	18.2	<0.001	0.07	0.91	5.0	1.6	0.4	5.3	0.01	0.25	12.2
E841108		0.25	49.6	760	5.8	36.1	<0.001	0.04	0.52	8.4	0.9	0.7	4.8	<0.01	0.16	15.8
E841109		0.30	50.3	820	6.7	36.7	0.001	0.05	0.53	8.8	1.1	0.7	5.6	<0.01	0.16	16.0
E841110		0.21	49.1	790	5.3	37.2	0.001	0.05	0.52	7.1	1.0	0.7	9.1	<0.01	0.17	17.2
E841111		0.29	48.6	690	5.7	37.1	<0.001	0.02	0.49	8.8	0.9	0.7	5.7	<0.01	0.14	15.4
E841112		0.36	42.4	950	6.5	23.6	<0.001	0.05	0.51	8.3	1.2	0.6	28.2	<0.01	0.13	11.0
E841113		0.29	40.9	750	5.3	23.8	<0.001	0.05	0.48	7.8	1.0	0.6	38.9	<0.01	0.12	13.6
E841114		0.38	43.1	950	8.1	27.6	<0.001	0.05	0.64	7.6	1.4	0.5	14.9	0.01	0.24	10.7
E841115		0.45	59.0	870	6.4	35.6	<0.001	0.05	0.48	14.5	1.3	0.7	24.0	<0.01	0.27	12.0
E841116		0.07	42.3	640	6.1	10.0	0.001	0.10	0.74	8.0	5.0	0.3	12.6	<0.01	0.13	14.4
E841117		0.14	47.1	780	5.3	14.3	<0.001	0.03	0.45	10.6	1.2	0.5	5.0	<0.01	0.15	16.6
E841118		0.14	75.0	950	20.2	17.3	0.001	0.07	1.79	10.3	8.3	0.3	14.1	0.01	0.26	14.1
E841119		0.25	57.7	1130	9.1	26.4	<0.001	0.07	0.72	12.4	2.8	0.5	17.0	0.01	0.31	13.0
E841120		0.17	52.3	820	22.6	14.0	<0.001	0.06	1.56	4.8	2.3	0.3	5.7	<0.01	0.17	11.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841081		0.005	0.06	4.02	13	0.09	10.25	34	1.6
E841082		<0.005	0.04	4.13	11	0.05	9.86	36	1.2
E841083		0.020	0.12	5.73	26	0.34	13.40	62	<0.5
E841084		<0.005	0.11	9.51	33	15.65	40.80	184	2.5
E841085		0.010	0.05	24.30	16	2.88	12.05	36	4.0
E841086		0.011	0.05	24.00	15	3.30	11.35	22	5.1
E841087		0.007	0.10	31.50	39	8.93	30.30	662	3.7
E841088		0.006	0.09	11.95	13	1.84	4.64	6	2.7
E841089		0.015	0.06	38.60	25	1.17	15.00	13	4.1
E841090		0.015	0.05	35.40	26	1.83	18.60	16	3.6
E841091		0.012	0.06	21.60	30	9.17	23.70	36	3.4
E841092		0.006	0.07	18.55	21	0.84	17.90	24	2.1
E841093		0.016	0.06	19.20	37	1.17	15.40	61	1.1
E841094		0.016	0.07	34.80	35	1.72	23.60	85	3.9
E841095		<0.005	0.06	14.70	26	3.63	23.70	36	3.8
E841096		0.011	0.07	11.40	25	2.59	9.09	51	1.6
E841097		0.041	0.06	4.32	24	0.57	16.45	18	2.2
E841098		0.034	0.04	3.54	19	0.57	11.75	16	2.6
E841099		0.036	0.06	4.75	23	0.58	17.80	21	2.2
E841100		0.039	0.06	4.85	24	0.57	18.40	26	2.2
E841101		0.022	0.05	4.06	25	0.45	21.90	38	1.1
E841102		0.035	0.05	6.19	30	0.55	14.80	18	2.9
E841103		0.034	0.08	4.66	31	0.53	15.25	17	2.7
E841104		0.038	0.09	7.65	41	0.57	20.50	24	2.8
E841105		0.035	0.07	4.76	45	0.42	16.70	33	1.4
E841106		0.040	0.08	14.60	32	0.52	27.70	35	2.6
E841107		0.012	0.07	25.70	24	0.33	14.15	36	3.0
E841108		0.068	0.07	4.94	44	0.52	12.10	27	3.7
E841109		0.067	0.08	5.82	43	0.52	15.40	29	3.5
E841110		0.065	0.07	6.19	42	0.57	11.45	26	4.3
E841111		0.063	0.07	5.41	40	0.48	13.95	28	3.8
E841112		0.059	0.08	6.03	56	1.98	15.20	39	1.4
E841113		0.067	0.07	6.04	59	0.47	12.35	34	2.2
E841114		0.050	0.09	9.47	37	0.37	22.00	36	1.7
E841115		0.081	0.10	6.88	74	0.34	19.65	39	1.5
E841116		0.023	0.45	7.97	48	0.30	15.50	24	2.0
E841117		0.034	0.05	5.57	33	0.49	19.10	27	1.9
E841118		0.018	1.10	14.75	48	0.28	30.30	48	3.5
E841119		0.032	0.08	33.00	39	0.38	32.00	47	2.6
E841120		0.010	1.20	10.00	27	0.16	15.60	46	3.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). Interference: Mo>400ppm on ICP-MS Cd,ICP-AES results shown.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 5-JUL-2007
Account: EIAFRG

CERTIFICATE VA07063150

Project: Werneckes

P.O. No.: FRG07-01

This report is for 192 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-22	Drying - Maximum Temp 60C
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840401		0.38	0.007	0.07	1.61	4.6	<0.2	<10	110	2.03	0.35	0.41	0.07	56.20	12.4	27
E840402		0.36	<0.005	0.09	2.03	5.4	<0.2	<10	130	1.75	0.75	0.76	0.15	43.60	16.4	31
E840403		0.46	<0.005	0.16	2.06	5.8	<0.2	<10	180	1.99	0.40	0.84	0.22	124.00	14.2	36
E840404		0.28	<0.005	0.09	1.28	5.7	<0.2	<10	80	0.75	0.32	0.23	0.35	38.60	8.8	28
E840405		0.26	0.013	0.06	1.48	6.4	<0.2	<10	130	1.21	0.27	1.10	0.15	35.00	10.4	27
E840406		0.32	<0.005	0.23	1.19	4.5	<0.2	<10	80	0.86	0.33	0.44	0.23	39.50	7.9	26
E840407		0.32	<0.005	0.04	2.03	10.4	<0.2	<10	110	1.70	0.29	0.24	0.10	55.80	9.7	29
E840408		0.32	<0.005	0.05	1.93	5.7	<0.2	<10	150	1.26	0.28	0.72	0.15	30.70	10.1	25
E840409		0.40	<0.005	0.10	1.34	6.5	<0.2	<10	70	1.04	0.39	0.35	0.16	45.80	10.8	28
E840410		0.32	0.008	0.11	1.73	3.3	<0.2	<10	70	1.06	0.41	0.69	0.13	53.20	9.4	26
E840411		0.28	0.009	0.06	1.25	7.2	<0.2	<10	80	1.06	0.32	0.29	0.09	48.10	10.5	27
E840412		0.22	<0.005	0.08	1.91	9.1	<0.2	<10	120	1.50	0.70	0.68	0.19	52.00	12.4	32
E840413		0.46	<0.005	0.10	2.43	5.4	<0.2	<10	150	5.11	0.87	1.25	0.34	57.90	14.3	29
E840414		0.40	<0.005	0.09	1.48	6.8	<0.2	<10	110	1.85	0.31	1.17	0.24	45.10	12.2	28
E840415		0.26	<0.005	0.10	0.84	5.2	<0.2	<10	60	0.60	0.34	0.06	0.11	45.80	5.4	21
E840416		0.44	0.006	0.30	1.67	49.3	<0.2	<10	60	1.39	1.59	0.05	0.24	121.50	11.8	25
E840417		0.24	<0.005	0.12	1.17	3.8	<0.2	<10	160	0.69	0.67	0.63	0.30	34.80	8.1	20
E840418		0.26	<0.005	0.12	1.30	4.0	<0.2	<10	140	0.85	0.83	0.55	0.32	37.60	8.4	23
E840419		0.28	<0.005	0.02	0.75	3.0	<0.2	<10	40	0.42	0.40	0.38	0.28	26.10	4.5	16
E840420		0.04	<0.005	0.07	0.01	0.2	<0.2	<10	10	<0.05	0.01	<0.01	0.02	0.92	0.1	<1
E840421		0.30	<0.005	0.10	1.60	9.9	<0.2	<10	140	1.17	0.29	0.75	0.30	40.30	11.4	30
E840422		0.26	<0.005	0.07	1.35	7.5	<0.2	<10	150	1.24	0.26	0.62	0.15	33.90	9.9	23
E840423		0.24	<0.005	0.04	1.33	4.7	<0.2	<10	60	1.36	0.13	0.70	0.17	66.80	8.7	34
E840424		0.26	<0.005	0.09	2.70	9.9	<0.2	<10	110	1.30	0.51	0.81	0.10	98.30	14.2	47
E840425		0.18	0.007	0.10	1.72	10.7	<0.2	<10	180	2.15	0.34	1.01	0.53	41.30	12.7	25
E840426		0.24	<0.005	0.07	1.27	7.7	<0.2	<10	150	1.91	0.26	1.39	0.32	34.40	9.7	21
E840427		0.24	<0.005	0.06	1.69	9.7	<0.2	<10	190	1.28	0.27	1.13	0.23	39.80	10.0	23
E840428		0.22	<0.005	0.06	1.66	7.1	<0.2	<10	180	1.84	0.21	1.21	0.22	97.70	10.7	23
E840429		0.24	0.010	0.16	1.61	14.0	<0.2	<10	290	0.72	0.24	1.15	0.13	179.50	13.6	27
E840430		0.22	<0.005	0.05	1.30	4.7	<0.2	<10	350	0.61	0.17	1.65	0.19	76.80	17.0	30
E840431		0.26	0.008	0.22	1.22	14.3	<0.2	<10	550	1.40	0.39	2.22	0.29	89.10	23.8	13
E840432		0.28	<0.005	0.04	1.57	6.8	<0.2	<10	220	1.54	0.53	0.87	0.13	78.80	12.3	17
E840433		0.20	<0.005	0.08	2.62	3.2	<0.2	<10	410	1.38	0.31	1.51	0.07	77.20	45.4	119
E840434		0.20	0.006	0.20	1.52	20.2	<0.2	<10	370	0.93	0.90	2.34	0.72	82.10	21.3	36
E840435		0.26	0.007	0.07	1.50	10.1	<0.2	<10	60	1.75	0.65	0.09	0.08	294.00	16.9	25
E840436		0.32	0.005	0.06	1.45	10.1	<0.2	<10	70	0.74	0.45	0.10	0.22	79.00	11.1	25
E840437		0.26	<0.005	0.17	1.15	2.2	<0.2	<10	40	1.18	0.18	0.77	0.06	46.00	10.8	34
E840438		0.26	<0.005	0.13	1.50	7.4	<0.2	<10	50	1.49	0.40	0.06	0.15	61.10	12.6	24
E840439		0.24	0.015	0.06	1.69	7.7	<0.2	<10	170	2.34	0.48	0.26	0.22	181.00	39.6	37
E840440		0.28	0.006	0.08	1.03	6.3	<0.2	<10	30	0.59	0.58	0.04	0.09	77.80	5.9	18

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840401		6.32	11.0	2.46	6.61	0.08	0.03	0.03	0.030	0.07	25.4	38.9	0.71	1595	0.47	0.01
E840402		5.19	18.0	2.73	9.76	0.08	0.04	0.08	0.038	0.13	19.4	42.2	1.00	2190	0.68	0.01
E840403		3.91	22.1	2.73	9.63	0.12	0.05	0.11	0.042	0.10	61.9	33.9	0.91	2010	0.63	0.01
E840404		2.78	11.5	2.42	6.67	0.05	0.02	0.03	0.028	0.04	17.4	20.1	0.52	579	0.73	0.01
E840405		3.79	13.4	2.35	6.90	0.06	0.04	0.05	0.029	0.05	17.9	23.5	0.61	1305	0.65	0.01
E840406		2.80	9.5	2.66	8.62	0.06	<0.02	0.06	0.028	0.06	17.6	22.1	0.49	848	0.85	0.01
E840407		3.01	15.3	3.10	7.54	0.06	0.03	0.02	0.038	0.06	18.4	28.6	0.59	519	1.01	<0.01
E840408		8.56	12.2	2.73	9.48	0.05	0.02	0.08	0.032	0.08	10.9	36.8	0.69	1760	0.92	<0.01
E840409		2.81	21.5	2.61	6.31	0.07	0.02	0.04	0.024	0.05	17.4	24.0	0.62	865	0.82	0.01
E840410		8.20	8.9	2.27	8.57	0.07	0.02	0.07	0.032	0.08	26.1	34.4	0.76	1315	0.52	0.02
E840411		3.60	15.9	2.69	6.98	0.07	0.02	0.03	0.025	0.04	20.9	26.7	0.60	631	0.92	<0.01
E840412		2.52	14.9	2.85	7.23	0.07	0.04	0.04	0.041	0.05	21.0	23.8	0.70	1180	0.96	0.01
E840413		7.39	8.7	2.47	11.30	0.07	0.07	0.05	0.090	0.06	27.3	35.7	0.96	5950	0.88	0.01
E840414		3.43	17.1	2.36	6.75	0.09	0.05	0.06	0.027	0.06	27.1	27.2	0.80	1690	0.78	0.01
E840415		11.15	18.0	5.24	10.55	0.08	<0.02	0.07	0.025	0.09	19.8	3.6	0.08	631	2.23	<0.01
E840416		5.35	62.2	4.60	5.69	0.12	0.04	0.02	0.052	0.06	63.4	39.1	0.48	616	5.96	0.02
E840417		11.40	10.2	2.11	7.31	0.05	<0.02	0.16	0.032	0.08	14.9	17.8	0.34	2220	1.06	0.01
E840418		12.45	9.9	2.32	8.10	0.05	<0.02	0.12	0.035	0.07	15.9	21.2	0.37	2090	1.00	0.01
E840419		2.56	9.3	1.61	5.45	<0.05	<0.02	0.08	0.025	0.07	11.1	11.3	0.22	394	0.97	<0.01
E840420		<0.05	1.6	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	<0.1	<0.01	<5	0.10	<0.01
E840421		1.08	15.4	2.52	5.94	0.06	0.06	0.06	0.035	0.09	19.8	19.5	0.63	1505	0.92	0.01
E840422		1.76	13.0	2.09	7.61	0.05	0.04	0.07	0.029	0.05	14.4	17.7	0.54	948	0.95	<0.01
E840423		2.46	7.5	1.56	8.23	0.12	0.04	0.08	0.024	0.05	30.7	29.1	1.23	1385	0.42	0.01
E840424		8.04	29.8	3.57	9.09	0.10	0.04	0.06	0.054	0.12	26.1	48.9	0.85	545	1.24	0.01
E840425		1.83	19.6	2.51	7.03	0.07	0.05	0.14	0.029	0.05	24.0	20.4	0.74	3110	1.01	0.01
E840426		1.56	15.1	2.07	5.34	0.06	0.04	0.14	0.026	0.04	16.8	12.4	0.43	1865	0.82	0.01
E840427		1.76	15.4	2.27	5.64	0.05	0.04	0.13	0.035	0.04	15.7	13.8	0.40	1635	0.99	0.01
E840428		1.37	11.5	2.22	8.89	0.09	0.04	0.13	0.046	0.04	49.0	20.8	1.07	2540	0.64	0.01
E840429		2.75	37.8	2.84	8.77	0.16	0.05	0.09	0.029	0.07	109.5	29.4	1.11	1700	0.79	0.01
E840430		1.59	21.0	2.19	7.75	0.11	0.03	0.09	0.035	0.06	43.3	18.8	0.98	3280	0.83	0.01
E840431		0.81	391.0	2.87	3.80	0.11	0.06	0.12	0.043	0.06	52.3	14.5	0.50	6640	0.99	0.01
E840432		1.63	15.0	3.17	4.80	0.09	0.04	0.07	0.056	0.04	35.3	16.5	0.40	4060	1.08	0.01
E840433		5.80	47.4	5.98	13.10	0.22	0.39	0.06	0.050	0.07	30.4	65.6	2.77	3050	1.18	0.02
E840434		2.43	165.5	2.80	5.82	0.10	0.05	0.15	0.061	0.04	46.8	11.7	0.57	12400	1.37	0.01
E840435		3.15	215.0	3.40	5.82	0.19	0.06	0.07	0.034	0.04	137.0	23.3	0.43	794	1.70	<0.01
E840436		2.17	50.8	3.10	5.08	0.08	0.02	0.09	0.027	0.04	37.7	22.5	0.43	772	1.61	<0.01
E840437		1.81	14.4	1.80	8.05	0.13	0.03	0.03	0.035	0.03	25.2	31.2	1.11	1555	0.29	0.01
E840438		4.59	14.6	4.96	7.89	0.09	0.02	0.14	0.026	0.07	25.1	17.6	0.32	527	2.93	<0.01
E840439		5.82	60.7	4.00	6.47	0.11	0.02	0.11	0.043	0.07	56.8	24.5	0.73	2370	3.35	<0.01
E840440		2.75	24.4	4.32	10.55	0.10	<0.02	0.07	0.018	0.05	38.9	4.2	0.15	374	2.98	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840401		1.80	23.7	680	7.9	15.4	<0.001	0.01	0.59	3.8	0.5	0.6	142.0	0.01	0.07	14.4
E840402		1.70	29.8	870	13.1	38.1	<0.001	0.05	0.57	4.8	0.7	0.7	61.9	0.01	0.07	9.2
E840403		1.24	34.6	1100	10.9	23.8	0.001	0.06	0.63	4.7	1.0	0.6	57.9	0.01	0.05	7.2
E840404		1.73	20.5	430	7.7	12.2	<0.001	0.02	0.55	3.1	0.4	0.6	49.2	0.01	0.04	5.2
E840405		0.93	21.0	970	8.6	20.8	<0.001	0.07	0.55	3.1	0.8	0.5	54.6	0.01	0.04	3.4
E840406		1.77	15.9	530	7.8	27.4	<0.001	0.05	0.55	2.6	0.5	0.8	50.8	0.01	0.04	2.4
E840407		1.30	23.7	320	12.2	18.4	<0.001	0.02	0.64	3.5	0.4	0.6	10.7	<0.01	0.04	9.2
E840408		2.64	20.1	730	12.5	39.1	<0.001	0.07	0.57	2.8	0.6	0.9	39.5	0.01	0.06	3.5
E840409		1.37	24.0	710	8.4	14.3	<0.001	0.03	0.63	2.6	0.4	0.5	33.2	<0.01	0.04	5.2
E840410		1.13	19.9	840	12.3	19.3	<0.001	0.07	0.40	3.2	0.6	0.6	58.7	0.01	0.03	4.2
E840411		1.60	22.4	440	8.2	14.2	<0.001	0.02	0.65	3.0	0.4	0.6	28.5	0.01	0.04	6.2
E840412		1.06	28.4	660	10.5	13.4	<0.001	0.05	0.64	3.6	0.7	0.6	14.4	0.01	0.05	4.0
E840413		0.79	25.7	1820	11.0	23.9	<0.001	0.14	0.50	5.9	1.3	0.6	14.4	0.02	0.14	5.9
E840414		1.16	25.1	1280	9.0	13.3	<0.001	0.10	0.55	2.9	0.9	0.5	21.3	0.01	0.04	4.0
E840415		0.60	7.3	1140	7.4	20.5	<0.001	0.07	1.06	1.0	0.7	0.6	4.1	<0.01	0.09	1.1
E840416		2.09	25.6	820	27.8	10.9	<0.001	0.12	2.28	2.3	1.0	0.4	12.0	0.01	0.14	18.8
E840417		1.34	12.8	930	9.9	26.5	<0.001	0.10	0.55	2.1	0.7	0.8	81.6	0.01	0.09	1.1
E840418		1.45	14.1	750	9.7	27.5	<0.001	0.07	0.60	2.6	0.6	0.9	85.1	0.01	0.10	1.5
E840419		1.50	8.7	560	7.3	27.2	<0.001	0.06	0.53	1.5	0.6	0.8	42.9	0.01	0.05	0.9
E840420		<0.05	0.4	10	1.3	0.1	<0.001	<0.01	<0.05	0.2	<0.2	<0.2	0.5	<0.01	<0.01	0.2
E840421		0.67	26.0	900	10.9	14.7	<0.001	0.07	0.65	3.8	0.7	0.5	16.0	0.01	0.06	4.3
E840422		0.84	21.0	850	9.8	17.6	<0.001	0.06	0.58	2.9	0.7	0.5	12.0	0.01	0.04	3.1
E840423		0.44	30.7	920	7.1	22.0	<0.001	0.07	0.30	6.0	0.9	0.7	11.0	0.01	0.03	4.5
E840424		4.33	48.9	530	17.7	21.3	<0.001	0.05	0.80	4.6	0.8	0.8	17.2	<0.01	0.06	5.6
E840425		1.08	26.0	1280	15.2	19.1	<0.001	0.12	0.68	3.2	1.1	0.6	19.2	0.01	0.07	2.8
E840426		0.70	16.6	1250	10.8	10.0	<0.001	0.12	0.51	2.5	1.1	0.4	19.0	0.01	0.05	2.1
E840427		0.93	18.0	930	12.6	8.7	<0.001	0.10	0.56	2.7	0.9	0.5	18.7	0.01	0.04	2.9
E840428		0.37	23.0	1230	9.4	11.8	<0.001	0.11	0.40	5.6	1.0	0.6	13.6	0.01	0.05	3.2
E840429		0.99	29.8	870	7.0	22.0	<0.001	0.08	0.37	6.8	1.2	1.1	21.9	0.01	0.17	5.7
E840430		0.35	24.3	860	5.7	17.3	<0.001	0.10	0.29	6.5	1.0	1.0	20.1	0.01	0.03	3.2
E840431		0.23	24.4	1500	12.3	12.2	<0.001	0.12	0.40	3.0	1.8	0.2	29.7	0.01	0.26	3.1
E840432		0.41	20.0	650	11.6	13.4	<0.001	0.03	0.43	3.3	0.8	0.4	21.4	0.01	0.24	8.2
E840433		8.78	160.5	1040	9.3	17.0	<0.001	0.07	0.61	6.8	0.9	1.0	107.0	0.01	0.07	6.0
E840434		1.25	30.4	2250	39.7	8.3	<0.001	0.16	0.44	2.0	1.8	0.4	31.7	0.01	0.18	2.3
E840435		0.66	20.2	620	15.9	7.1	<0.001	0.03	1.12	2.2	1.1	0.4	8.3	0.01	0.22	13.8
E840436		0.46	23.2	810	11.5	7.8	<0.001	0.05	0.80	1.4	0.8	0.4	8.6	<0.01	0.13	1.8
E840437		1.75	26.2	830	5.5	10.3	<0.001	0.04	0.26	6.2	0.6	0.7	21.5	0.01	0.03	8.8
E840438		0.60	19.8	1530	12.7	15.4	<0.001	0.08	1.19	1.5	1.0	0.5	5.3	<0.01	0.13	2.3
E840439		0.66	44.2	1350	13.6	19.6	<0.001	0.07	0.78	1.9	1.0	0.5	12.4	<0.01	0.15	4.0
E840440		0.93	12.8	1040	9.1	13.1	<0.001	0.05	1.30	1.4	0.6	0.8	4.3	<0.01	0.21	2.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E840401		0.074	0.08	2.32	32	1.22	13.25	45	0.7	
E840402		0.060	0.11	2.00	37	1.10	10.45	59	0.9	
E840403		0.050	0.12	3.65	43	0.70	18.50	49	1.0	
E840404		0.067	0.07	1.17	43	0.98	5.49	38	0.5	
E840405		0.037	0.10	2.54	36	0.67	9.98	44	0.9	
E840406		0.067	0.10	1.98	44	1.02	5.32	33	<0.5	
E840407		0.034	0.17	1.46	50	0.54	7.22	51	0.7	
E840408		0.063	0.18	1.69	43	1.25	6.71	54	0.6	
E840409		0.059	0.09	2.18	38	1.03	5.67	50	0.5	
E840410		0.040	0.10	2.40	30	0.87	5.29	55	<0.5	
E840411		0.058	0.10	2.57	41	0.92	5.24	46	0.7	
E840412		0.039	0.13	1.68	48	0.44	11.70	54	0.9	
E840413		0.026	0.18	3.83	32	0.75	39.60	49	1.2	
E840414		0.043	0.08	3.25	30	0.61	13.50	81	1.1	
E840415		0.023	0.12	1.12	42	0.20	3.32	60	<0.5	
E840416		0.042	0.14	4.69	30	0.19	13.30	199	0.8	
E840417		0.057	0.12	1.05	35	1.04	3.70	34	<0.5	
E840418		0.063	0.12	1.11	39	0.97	4.05	37	0.5	
E840419		0.058	0.09	0.86	31	0.77	2.80	21	<0.5	
E840420		<0.005	<0.02	0.07	<1	<0.05	0.57	3	0.5	
E840421		0.039	0.11	1.54	41	0.80	11.15	53	1.4	
E840422		0.029	0.12	1.11	38	0.28	9.13	42	0.8	
E840423		0.048	0.09	3.34	38	0.40	21.80	30	0.6	
E840424		0.112	0.18	1.44	69	0.69	12.00	50	1.8	
E840425		0.043	0.13	3.25	39	0.36	22.70	56	1.0	
E840426		0.026	0.10	2.81	32	0.25	18.80	44	0.9	
E840427		0.024	0.11	2.32	38	0.33	9.11	49	0.9	
E840428		0.019	0.09	3.21	37	0.26	22.50	37	0.8	
E840429		0.041	0.12	2.09	44	0.29	29.50	29	0.9	
E840430		0.040	0.11	2.28	38	0.15	23.00	24	0.5	
E840431		0.010	0.11	2.47	18	0.11	40.00	30	0.8	
E840432		0.014	0.21	1.47	32	0.14	18.35	30	0.8	
E840433		0.866	0.19	1.39	148	0.16	10.55	66	19.5	
E840434		0.024	0.18	3.26	25	0.10	31.80	93	1.0	
E840435		0.025	0.11	3.63	39	0.36	17.90	47	1.2	
E840436		0.026	0.11	2.15	41	0.27	6.06	63	0.5	
E840437		0.084	0.05	1.18	31	0.95	12.80	27	0.8	
E840438		0.020	0.13	6.40	46	0.22	6.27	43	0.5	
E840439		0.025	0.13	4.82	43	0.75	10.50	65	<0.5	
E840440		0.033	0.12	2.21	59	0.24	3.61	36	<0.5	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840441		0.38	<0.005	0.05	1.67	7.0	<0.2	<10	80	2.20	0.45	0.20	0.11	95.60	31.1	26
E840442		0.44	0.589	0.57	2.54	31.9	0.5	<10	280	1.61	12.15	4.54	0.95	>500	42.5	3
E840451		0.60	0.009	0.56	2.37	29.6	<0.2	<10	100	2.09	1.36	0.09	0.71	162.50	58.3	38
E840452		0.30	<0.005	0.88	2.34	59.1	<0.2	<10	80	1.91	1.92	0.06	0.57	161.50	68.1	35
E840453		0.42	0.008	0.68	2.60	59.4	<0.2	<10	90	1.70	2.01	0.06	0.68	137.00	39.7	49
E840454		0.56	<0.005	0.59	2.78	24.3	<0.2	<10	110	1.71	0.96	0.06	0.32	77.50	15.3	35
E840455		0.36	<0.005	0.30	2.32	16.2	<0.2	<10	60	1.16	0.52	0.04	0.24	35.30	6.7	23
E840456		0.60	<0.005	0.61	1.82	75.1	<0.2	<10	60	1.66	2.19	0.03	0.12	149.00	8.5	24
E840457		0.70	<0.005	0.40	1.94	64.9	<0.2	<10	70	2.07	1.75	0.06	0.21	211.00	31.5	25
E840458		0.50	<0.005	0.38	1.86	62.1	<0.2	<10	70	1.47	1.40	0.07	0.22	151.00	17.5	22
E840459		0.38	<0.005	0.21	1.19	10.4	<0.2	<10	50	0.59	0.45	0.04	0.27	41.50	3.5	14
E840460		0.34	<0.005	0.59	1.40	42.4	<0.2	<10	180	1.29	1.56	0.26	0.24	55.70	5.4	16
E840461		0.28	<0.005	0.18	1.02	17.4	<0.2	<10	60	0.68	0.66	0.05	0.12	47.00	4.1	13
E840462		0.20	<0.005	0.21	0.61	7.3	<0.2	<10	50	0.27	0.32	0.10	0.16	22.10	2.8	9
E840463		0.36	0.011	0.19	2.37	9.0	<0.2	<10	670	0.89	1.18	0.23	0.26	50.90	22.5	31
E840464		0.34	0.032	0.32	1.43	7.7	<0.2	<10	1350	0.95	2.54	0.74	0.13	35.10	22.3	18
E840465		0.44	0.022	0.39	1.43	9.9	<0.2	<10	990	0.60	3.86	0.36	0.08	32.50	26.1	28
E840466		0.30	0.016	0.24	2.18	7.8	<0.2	<10	900	2.01	2.00	0.52	0.05	71.60	24.1	25
E840467		0.26	<0.005	0.05	1.40	8.3	<0.2	<10	80	1.00	0.70	0.08	0.10	71.30	16.2	26
E840468		0.34	<0.005	0.08	1.53	8.5	<0.2	<10	760	1.22	0.63	0.66	0.17	123.00	14.2	19
E840469		0.32	<0.005	0.20	0.70	10.2	<0.2	<10	990	1.00	2.02	0.57	0.09	56.10	22.8	11
E840470		0.22	0.006	0.14	0.80	5.8	<0.2	<10	510	0.99	1.93	0.60	0.08	57.30	17.1	14
E840471		0.30	<0.005	0.12	0.62	23.5	<0.2	<10	260	0.66	1.99	1.22	0.10	62.80	44.7	6
E840472		0.28	0.016	0.15	0.55	31.1	<0.2	<10	150	0.74	2.10	0.53	0.06	52.10	131.5	5
E840473		0.18	0.005	0.18	0.71	18.0	<0.2	<10	310	1.06	1.97	1.40	0.12	59.50	28.3	9
E840474		0.48	<0.005	0.19	0.55	9	<0.2	10	130	0.61	1.45	13.00	0.14	24.40	10.6	7
E840475		0.38	0.008	0.53	0.48	24	<0.2	10	20	0.51	5.05	12.75	0.07	12.30	15.0	4
E840476		0.04	<0.005	0.01	0.01	0.4	<0.2	<10	10	<0.05	0.06	0.03	0.01	0.93	0.1	<1
E840477		0.84	<0.005	0.32	1.55	31.7	<0.2	<10	100	1.22	2.40	2.18	0.12	32.20	28.6	16
E840478		0.62	<0.005	0.24	1.40	18.8	<0.2	<10	160	2.51	1.47	0.26	0.34	45.40	31.6	15
E840479		0.34	<0.005	0.36	1.89	29.7	<0.2	<10	180	3.03	2.77	0.18	0.15	43.10	34.1	19
E840480		0.56	0.005	0.28	2.06	17.6	<0.2	<10	110	2.63	1.38	0.04	0.15	39.70	30.4	27
E840481		0.26	0.018	0.16	1.48	13.5	<0.2	<10	540	0.84	0.92	0.77	0.10	29.40	37.7	19
E840482		0.78	<0.005	0.05	1.46	4.0	<0.2	<10	50	0.43	0.28	0.04	0.05	44.60	15.2	24
E840483		0.46	<0.005	0.04	1.00	6.1	<0.2	<10	40	0.19	0.61	0.03	0.04	33.60	4.7	18
E840484		0.44	<0.005	0.04	1.53	3.6	<0.2	<10	40	0.36	0.35	0.01	0.03	81.40	9.3	23
E840485		0.46	0.010	0.13	1.89	8.0	<0.2	<10	370	1.72	0.58	0.26	0.04	104.00	32.0	20
E840486		0.20	<0.005	0.13	2.51	8.9	<0.2	<10	220	2.27	1.07	0.05	0.04	53.80	21.2	32
E840487		0.28	<0.005	0.09	2.52	8.7	<0.2	<10	170	3.05	0.62	0.11	0.17	63.30	27.1	31
E840488		0.84	0.005	0.09	2.19	10.6	<0.2	<10	60	0.87	0.93	0.08	0.09	94.30	15.4	26

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840441		6.35	69.8	3.49	5.66	0.11	0.05	0.03	0.030	0.06	42.0	25.3	0.74	845	2.55	<0.01
E840442		3.26	>10000	12.45	19.80	0.89	0.51	0.08	0.195	0.34	290.0	73.0	3.10	2120	38.95	<0.01
E840451		7.28	116.0	7.36	8.36	0.20	0.05	0.04	0.065	0.18	70.0	32.8	0.85	1665	5.50	0.03
E840452		7.92	92.8	7.69	7.30	0.20	0.05	0.05	0.098	0.10	64.5	31.3	0.69	1955	6.34	0.02
E840453		7.14	126.5	11.15	8.83	0.25	0.05	0.03	0.176	0.34	73.6	35.8	0.99	1235	5.29	0.02
E840454		4.78	47.8	5.98	8.47	0.12	0.02	0.05	0.049	0.22	38.8	25.7	0.91	1065	5.20	0.02
E840455		3.09	24.0	4.33	6.93	0.10	0.03	0.06	0.031	0.06	18.9	19.6	0.30	399	3.28	<0.01
E840456		5.06	94.6	6.64	6.21	0.23	0.06	0.04	0.070	0.07	79.4	30.3	0.60	547	9.36	0.02
E840457		5.24	136.0	5.92	6.51	0.25	0.11	0.06	0.088	0.07	101.0	33.4	0.63	716	7.93	0.02
E840458		4.16	98.9	5.90	5.71	0.18	0.07	0.09	0.067	0.06	82.9	23.2	0.50	628	7.23	0.01
E840459		1.38	22.8	2.12	5.38	0.05	0.02	0.11	0.025	0.04	22.9	5.6	0.11	95	2.90	<0.01
E840460		4.00	47.9	4.71	4.67	0.10	0.02	0.15	0.035	0.06	32.9	16.7	0.35	743	6.79	<0.01
E840461		1.74	29.4	2.70	6.81	0.06	<0.02	0.07	0.024	0.04	27.9	6.4	0.10	167	3.95	<0.01
E840462		1.28	17.3	1.66	3.70	<0.05	<0.02	0.07	0.014	0.04	12.0	2.1	0.07	89	3.17	<0.01
E840463		1.66	24.5	6.76	7.63	0.11	0.09	0.10	0.123	0.07	28.3	33.6	0.87	6980	3.03	<0.01
E840464		1.34	153.5	6.97	4.46	0.13	0.22	0.08	0.229	0.07	19.6	18.2	0.66	12600	2.96	<0.01
E840465		1.78	77.9	7.30	4.99	0.14	0.11	0.06	0.145	0.14	17.2	29.9	0.76	7480	7.16	0.01
E840466		8.70	147.0	6.72	6.48	0.12	0.22	0.02	0.220	0.17	39.9	53.3	1.41	6460	4.07	0.01
E840467		4.62	19.6	4.29	6.78	0.10	<0.02	0.02	0.042	0.05	34.6	25.9	0.46	930	1.94	<0.01
E840468		1.33	71.2	6.38	4.94	0.17	0.11	0.12	0.166	0.11	79.6	18.5	0.35	8710	1.80	<0.01
E840469		1.54	77.1	5.79	2.46	0.10	0.12	0.06	0.161	0.06	29.6	8.3	0.25	12600	2.83	<0.01
E840470		1.00	149.0	5.32	2.52	0.11	0.14	0.07	0.182	0.07	32.5	9.8	0.30	7900	2.80	<0.01
E840471		0.66	122.0	5.53	2.08	0.11	0.14	0.07	0.190	0.06	35.3	6.2	0.22	9440	2.90	<0.01
E840472		0.93	57.7	5.14	2.54	0.11	0.11	0.05	0.074	0.04	28.1	8.4	0.19	5560	2.17	<0.01
E840473		1.44	172.0	4.73	2.49	0.10	0.08	0.04	0.091	0.07	31.0	15.4	0.77	8700	2.23	0.01
E840474		0.71	48.6	2.52	1.68	0.12	0.08	0.03	0.108	0.09	12.5	30.4	8.31	4100	0.88	0.02
E840475		0.24	44.0	4.72	1.38	0.14	0.08	0.08	0.169	0.03	6.0	16.2	8.49	4720	0.91	<0.01
E840476		<0.05	0.7	0.03	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	0.02	14	0.07	<0.01
E840477		1.45	115.5	6.99	3.58	0.13	0.16	0.07	0.337	0.14	15.3	44.3	1.90	9780	1.20	0.02
E840478		2.09	172.5	6.81	4.43	0.09	0.06	0.15	0.460	0.12	21.0	21.5	0.35	11100	1.66	0.01
E840479		3.78	243.0	6.72	5.25	0.12	0.14	0.07	0.375	0.13	21.9	43.8	1.05	7120	2.65	<0.01
E840480		4.80	240.0	6.14	6.86	0.09	0.07	0.05	0.159	0.09	19.2	38.8	0.75	3970	4.12	<0.01
E840481		1.34	394.0	6.77	4.17	0.12	0.12	0.05	0.211	0.11	16.2	30.9	0.72	8600	2.71	<0.01
E840482		3.31	15.5	3.50	5.29	0.09	0.07	0.06	0.018	0.05	22.2	25.7	0.75	800	1.05	<0.01
E840483		2.20	10.8	2.99	8.54	0.07	<0.02	0.02	0.017	0.05	15.5	7.1	0.20	169	1.99	<0.01
E840484		2.65	14.8	3.86	8.11	0.12	0.03	0.02	0.018	0.03	40.1	23.4	0.62	304	1.10	<0.01
E840485		2.73	714.0	5.09	6.32	0.17	0.14	0.02	0.145	0.11	60.5	54.8	1.02	5440	2.16	<0.01
E840486		7.00	71.6	5.67	8.53	0.12	0.09	0.08	0.121	0.05	26.7	48.4	0.76	2300	3.76	<0.01
E840487		5.63	38.0	5.08	6.82	0.12	0.13	0.04	0.083	0.07	27.2	59.3	0.76	3850	2.73	<0.01
E840488		3.73	33.5	4.39	7.30	0.15	0.07	0.08	0.054	0.06	42.6	39.4	0.84	1305	2.02	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840441		0.61	42.1	1060	10.6	9.8	<0.001	0.02	0.94	2.8	0.6	0.3	11.1	<0.01	0.18	16.2
E840442		28.90	74.0	>10000	62.0	55.6	0.006	<0.01	2.18	5.9	9.2	8.5	114.0	0.06	5.13	20.6
E840451		1.94	45.9	1600	233.0	25.2	<0.001	0.25	2.29	4.5	1.9	0.7	23.2	0.01	0.20	15.7
E840452		1.30	57.3	1610	212.0	18.8	<0.001	0.21	4.02	3.6	2.2	0.6	18.1	0.01	0.23	13.2
E840453		2.67	33.2	1960	109.0	41.6	<0.001	0.41	2.52	4.6	2.4	0.7	19.9	0.01	0.28	29.0
E840454		1.60	17.9	1780	158.5	34.7	<0.001	0.15	1.59	3.7	1.2	0.6	16.4	0.01	0.16	17.4
E840455		1.59	11.9	790	66.3	19.8	<0.001	0.08	0.97	2.2	1.0	0.5	7.8	0.02	0.08	7.9
E840456		1.49	17.8	1520	108.5	8.7	0.001	0.17	4.26	2.7	2.1	0.3	13.2	0.01	0.20	36.7
E840457		1.13	52.0	1300	100.5	8.5	<0.001	0.15	4.03	3.8	2.5	0.4	19.9	0.02	0.20	28.9
E840458		0.84	27.7	1480	66.5	8.0	0.001	0.16	2.75	3.2	2.0	0.4	21.0	0.01	0.18	19.1
E840459		0.59	7.9	1150	19.6	6.9	<0.001	0.11	1.71	1.5	1.0	0.6	15.4	<0.01	0.07	2.2
E840460		0.87	11.9	1620	61.4	14.6	<0.001	0.17	2.62	1.3	1.4	0.2	30.7	0.01	0.16	10.3
E840461		0.75	9.5	660	29.8	7.1	<0.001	0.04	2.25	1.6	0.6	0.6	8.3	<0.01	0.10	4.6
E840462		0.41	6.4	970	23.9	4.9	<0.001	0.09	0.69	1.0	0.7	0.6	5.6	0.02	0.05	2.4
E840463		0.27	30.6	1410	14.7	14.0	<0.001	0.09	1.31	12.6	0.9	0.7	7.6	0.01	0.15	10.0
E840464		0.19	19.7	990	11.7	7.8	<0.001	0.08	1.60	15.6	1.3	0.4	7.9	0.01	0.15	12.6
E840465		0.16	18.7	950	18.5	9.2	0.001	0.30	2.04	11.4	0.9	0.6	9.1	0.01	0.12	17.2
E840466		0.12	19.8	760	10.0	16.5	<0.001	0.09	1.33	11.0	0.6	0.6	5.9	<0.01	0.17	19.8
E840467		0.29	22.4	840	10.0	9.8	<0.001	0.05	1.10	1.3	0.7	0.7	6.9	<0.01	0.14	1.3
E840468		0.28	23.9	2070	8.9	10.9	<0.001	0.10	0.82	9.4	1.3	0.5	10.0	0.01	0.10	7.0
E840469		0.17	19.8	1380	11.0	7.8	<0.001	0.06	1.27	3.8	0.9	0.3	9.9	0.01	0.08	7.8
E840470		0.15	14.9	1290	12.3	8.7	<0.001	0.07	1.28	9.0	1.0	0.4	6.6	0.01	0.10	7.6
E840471		0.12	18.1	1830	7.7	7.4	<0.001	0.12	0.69	5.0	1.3	0.2	14.0	0.01	0.10	6.1
E840472		0.10	26.6	1150	6.9	6.5	<0.001	0.10	0.62	3.6	1.0	<0.2	8.2	<0.01	0.38	6.7
E840473		0.17	23.3	1250	10.5	8.9	<0.001	0.06	0.92	4.0	1.0	0.2	12.4	0.01	0.08	6.3
E840474		0.11	13.6	440	15.3	7.5	<0.001	0.03	1.25	4.0	0.9	<0.2	26.0	0.01	0.03	1.9
E840475		0.10	12.9	340	57.9	2.1	<0.001	0.02	2.51	2.5	0.9	<0.2	26.5	<0.01	0.02	1.7
E840476		<0.05	0.2	10	0.6	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.5	<0.01	<0.01	0.3
E840477		0.18	26.6	730	14.5	10.7	<0.001	0.09	1.65	4.5	1.0	0.4	9.6	<0.01	0.05	5.2
E840478		0.22	29.4	1270	14.2	14.4	<0.001	0.08	1.41	3.8	1.1	0.4	6.5	0.01	0.07	7.2
E840479		0.16	43.7	640	12.9	14.6	<0.001	0.02	1.94	6.5	1.1	0.3	4.6	0.01	0.07	14.6
E840480		0.48	29.7	850	15.6	15.4	<0.001	0.04	1.79	3.4	1.0	0.5	4.7	<0.01	0.09	5.2
E840481		0.18	23.6	1130	6.9	18.0	<0.001	0.10	1.03	14.7	1.5	0.4	5.3	0.01	0.10	8.3
E840482		0.12	29.8	1040	5.6	8.0	<0.001	0.09	0.61	1.2	0.6	0.3	2.4	<0.01	0.04	3.8
E840483		0.46	11.0	500	6.9	9.4	<0.001	0.03	0.87	1.1	0.5	0.7	3.5	<0.01	0.06	1.8
E840484		0.24	22.6	620	6.5	10.1	<0.001	0.01	0.62	1.8	0.4	0.4	2.6	<0.01	0.08	12.6
E840485		0.08	36.0	560	4.7	15.2	<0.001	0.03	0.56	7.5	1.2	0.3	2.9	0.01	0.13	24.2
E840486		0.49	29.9	1580	17.8	17.8	<0.001	0.09	0.88	4.0	1.2	0.5	5.9	0.01	0.16	16.3
E840487		0.52	41.7	1350	12.4	14.7	<0.001	0.03	0.91	3.8	0.9	0.4	8.7	0.01	0.13	19.6
E840488		0.34	31.4	1640	15.6	12.8	<0.001	0.07	1.19	2.6	1.3	0.5	6.9	<0.01	0.22	10.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E840441		0.034	0.11	3.70	39	0.43	7.91	46	1.3	
E840442		0.042	0.09	47.80	167	7.75	145.50	667	20.9	1.31
E840451		0.103	0.38	3.69	50	0.26	23.90	309	0.9	
E840452		0.071	0.32	4.99	44	0.26	30.30	348	0.6	
E840453		0.148	0.40	3.74	51	0.27	26.80	271	0.9	
E840454		0.087	0.31	3.02	45	0.18	11.25	167	0.6	
E840455		0.041	0.13	1.22	40	0.21	4.52	87	1.0	
E840456		0.031	0.14	7.38	21	0.28	24.10	148	0.8	
E840457		0.029	0.15	6.58	23	0.41	40.00	194	1.2	
E840458		0.022	0.15	5.52	24	0.30	25.70	147	0.7	
E840459		0.012	0.11	2.48	34	0.19	6.45	44	0.5	
E840460		0.019	0.10	3.13	17	0.23	7.67	76	<0.5	
E840461		0.017	0.11	1.90	42	0.25	4.40	69	<0.5	
E840462		0.010	0.07	1.38	27	0.15	3.20	53	<0.5	
E840463		0.015	1.12	4.28	58	0.31	15.30	67	2.4	
E840464		0.013	1.63	7.25	28	0.24	22.40	42	5.8	
E840465		0.022	2.73	12.15	34	0.37	12.75	43	3.6	
E840466		0.014	1.24	6.87	32	0.45	18.20	50	7.1	
E840467		0.033	0.14	3.02	43	0.27	4.48	67	<0.5	
E840468		0.014	0.13	3.14	36	0.33	32.50	41	2.2	
E840469		0.012	0.36	2.34	19	0.20	20.60	27	3.5	
E840470		0.012	0.23	2.60	22	0.31	23.70	27	4.3	
E840471		0.005	0.22	3.61	9	0.11	19.70	24	4.1	
E840472		<0.005	0.38	2.98	7	0.11	16.40	16	3.0	
E840473		0.008	0.28	2.97	14	0.11	17.85	28	2.5	
E840474		0.006	0.27	0.60	13	0.05	17.85	35	2.8	
E840475		<0.005	2.14	0.62	12	<0.05	11.95	37	2.4	
E840476		<0.005	<0.02	0.08	<1	<0.05	0.56	2	<0.5	
E840477		0.012	0.23	0.94	13	<0.05	18.85	36	5.6	
E840478		0.009	0.24	1.04	20	0.08	16.65	47	1.3	
E840479		0.007	0.53	1.62	21	0.07	21.40	40	4.9	
E840480		0.019	0.46	1.21	35	0.15	7.04	43	2.2	
E840481		0.012	0.15	4.22	33	0.34	21.60	28	2.3	
E840482		0.017	0.08	1.49	22	0.06	1.92	29	1.5	
E840483		0.028	0.15	1.04	58	0.19	1.55	19	<0.5	
E840484		0.007	0.13	1.27	31	0.12	2.37	15	0.6	
E840485		0.005	0.08	8.52	21	0.12	32.40	31	2.7	
E840486		0.017	0.79	8.04	42	0.16	9.88	41	1.6	
E840487		0.026	0.46	5.55	39	0.20	9.79	61	2.8	
E840488		0.023	0.29	2.78	34	0.13	7.81	46	1.4	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840489		0.44	0.005	0.05	2.24	7.1	<0.2	<10	90	1.09	0.47	0.06	0.08	63.20	15.7	27
E840490		0.32	0.007	0.12	1.66	12.6	<0.2	<10	150	1.74	1.02	0.54	0.18	51.40	11.1	17
E840491		0.36	<0.005	0.06	1.03	6.1	<0.2	<10	40	0.19	0.47	0.03	0.08	49.80	4.3	16
E840492		0.24	<0.005	0.21	2.58	9.3	<0.2	<10	820	1.23	1.17	0.46	0.16	50.50	14.8	28
E840493		0.36	0.014	0.16	1.78	9.5	<0.2	<10	1240	0.90	0.93	0.36	0.17	67.00	16.2	24
E840494		0.64	<0.005	0.19	2.16	7.7	<0.2	<10	490	2.27	2.87	0.09	0.07	56.10	21.0	28
E840495		0.34	<0.005	0.13	1.79	12.4	<0.2	<10	100	0.93	1.26	0.17	0.12	63.20	15.4	25
E840496		0.52	0.007	0.31	2.23	18.5	<0.2	<10	200	2.07	1.79	0.07	0.06	102.50	38.7	24
E840497		0.50	<0.005	0.17	1.02	10.6	<0.2	<10	350	1.19	1.16	1.67	0.12	52.10	36.8	11
E840498		0.28	<0.005	0.14	0.63	11.9	<0.2	<10	920	0.65	1.45	1.49	0.09	41.90	30.5	9
E840499		0.56	<0.005	0.12	0.85	12.3	<0.2	<10	260	0.65	1.60	0.62	0.11	52.90	33.4	12
E840500		0.54	<0.005	0.10	0.76	12.5	<0.2	<10	260	0.80	0.97	1.42	0.09	55.80	38.7	8
E840501		0.30	<0.005	0.33	1.43	21.8	<0.2	10	120	1.18	2.24	1.90	0.20	40.20	15.0	18
E840502		0.42	<0.005	0.34	1.74	26.7	<0.2	<10	210	1.49	3.09	0.61	0.16	41.20	21.9	18
E840503		0.44	0.011	0.87	2.05	28.6	<0.2	<10	170	2.66	3.47	0.34	0.10	42.70	26.9	25
E840504		0.72	<0.005	0.04	1.78	6.0	<0.2	<10	30	0.86	0.84	0.16	0.05	106.00	19.5	32
E840505		0.34	<0.005	0.04	1.77	12.7	<0.2	<10	60	0.42	0.62	0.05	0.09	38.40	9.0	29
E840506		0.76	0.009	0.08	2.08	8.7	<0.2	<10	180	1.70	0.60	0.04	0.06	90.10	28.9	23
E840507		0.38	<0.005	0.15	2.05	7.5	<0.2	<10	100	1.65	0.71	0.04	0.11	46.90	18.1	30
E840508		0.44	0.014	0.10	2.38	12.6	<0.2	<10	260	5.47	0.90	0.07	0.33	98.20	16.0	26
E840509		0.28	<0.005	0.14	1.01	6.1	<0.2	<10	120	0.49	0.63	0.09	0.14	30.20	6.7	15
E840510		0.40	<0.005	0.19	1.53	12.2	<0.2	<10	240	1.43	1.28	0.85	0.28	52.40	11.2	16
E840511		0.26	<0.005	0.22	1.45	12.8	<0.2	<10	240	1.48	1.09	0.82	0.25	47.60	13.7	16
E840512		0.44	0.005	0.40	2.60	345.0	<0.2	<10	110	1.86	38.90	0.07	0.11	146.50	92.1	27
E840513		0.48	0.008	0.27	2.55	606.0	<0.2	<10	150	5.59	28.70	0.06	0.14	350.00	263.0	26
E840514		0.64	0.007	4.50	2.50	1175.0	<0.2	<10	160	6.18	306.00	0.08	2.00	>500	753.0	23
E840515		0.44	0.007	0.40	2.49	272.0	<0.2	<10	170	4.43	24.60	0.10	0.21	238.00	211.0	25
E840516		0.46	<0.005	0.06	2.23	17.7	<0.2	<10	70	2.40	2.58	0.10	0.03	289.00	34.6	25
E840517		0.46	<0.005	0.22	1.65	6.5	<0.2	<10	30	0.51	1.29	0.08	0.04	111.00	16.0	22
E840518		0.34	0.069	1.26	1.78	12.6	<0.2	<10	460	1.04	2.20	0.74	0.25	69.20	51.9	21
E840519		0.56	0.010	0.13	1.62	9.3	<0.2	<10	40	0.41	0.79	0.07	0.06	99.50	11.9	22
E840520		0.32	<0.005	0.05	1.47	3.8	<0.2	<10	20	0.15	0.39	0.05	0.03	78.60	10.5	18
E840521		0.04	<0.005	0.02	0.01	<0.1	<0.2	<10	10	<0.05	0.02	<0.01	0.01	1.25	0.1	<1
E840522		0.44	<0.005	0.06	1.92	5.6	<0.2	<10	20	0.38	0.57	0.04	0.06	112.50	13.7	23
E840523		0.52	<0.005	0.05	1.38	4.6	<0.2	<10	30	0.34	0.45	0.05	0.03	154.50	10.2	17
E840524		0.40	<0.005	0.07	1.10	5.2	<0.2	<10	20	0.22	0.40	0.02	0.04	96.80	7.2	14
E840525		0.40	<0.005	0.04	1.91	9.0	<0.2	<10	40	0.58	0.51	0.07	0.07	110.50	13.1	27
E840526		0.32	<0.005	0.05	1.03	5.1	<0.2	<10	30	0.21	0.42	0.02	0.04	49.00	6.5	14
E840527		0.38	<0.005	0.04	1.10	6.0	<0.2	<10	20	0.19	0.34	0.03	0.04	75.10	6.9	16
E840528		0.24	<0.005	0.40	1.15	16.9	<0.2	<10	160	0.88	2.17	4.77	0.18	37.60	10.4	10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840489		4.50	22.2	4.36	7.48	0.11	0.07	0.04	0.044	0.05	29.7	40.7	0.78	1205	1.73	<0.01
E840490		1.39	60.6	4.43	3.96	0.16	0.11	0.05	0.095	0.11	31.4	59.6	1.27	3900	1.63	<0.01
E840491		2.14	14.7	2.38	8.77	0.07	<0.02	0.05	0.017	0.05	25.5	5.6	0.16	226	2.00	<0.01
E840492		1.88	29.7	5.82	6.56	0.12	0.09	0.06	0.128	0.06	28.8	41.6	0.93	4060	1.83	<0.01
E840493		1.46	44.6	5.44	5.42	0.13	0.10	0.05	0.138	0.09	34.2	26.9	0.80	5780	2.19	<0.01
E840494		5.14	143.0	6.88	7.17	0.14	0.07	0.07	0.073	0.15	28.7	46.9	0.70	3160	7.34	<0.01
E840495		3.47	45.0	6.18	9.82	0.13	0.02	0.04	0.058	0.07	32.0	33.2	0.52	1745	1.91	<0.01
E840496		3.77	681.0	4.96	6.33	0.15	0.10	0.04	0.045	0.08	50.6	49.9	0.76	1300	4.37	<0.01
E840497		1.38	116.0	4.55	3.23	0.12	0.15	0.06	0.096	0.09	28.3	24.3	1.10	5890	1.82	<0.01
E840498		0.87	83.5	4.16	2.31	0.11	0.12	0.04	0.096	0.06	21.9	11.9	0.87	7590	4.08	<0.01
E840499		0.91	175.5	5.58	3.12	0.13	0.11	0.03	0.134	0.07	28.1	14.3	0.41	10250	2.76	<0.01
E840500		1.01	77.5	4.52	2.65	0.13	0.12	0.04	0.071	0.08	28.1	18.6	0.85	6850	1.85	<0.01
E840501		1.82	66.2	4.07	4.19	0.17	0.09	0.06	0.133	0.17	22.2	74.6	2.17	4000	1.60	<0.01
E840502		1.76	114.0	6.27	4.62	0.14	0.12	0.06	0.193	0.12	21.1	57.5	1.39	6990	1.94	<0.01
E840503		5.61	373.0	6.51	6.34	0.16	0.09	0.13	0.115	0.13	21.5	59.8	1.32	3450	3.19	<0.01
E840504		5.65	13.3	4.35	5.43	0.16	0.04	0.02	0.023	0.07	51.7	42.7	1.07	664	0.66	<0.01
E840505		3.58	21.8	4.72	10.45	0.09	<0.02	0.03	0.036	0.06	18.7	19.7	0.40	549	2.43	<0.01
E840506		3.13	265.0	4.80	6.25	0.10	0.10	0.03	0.102	0.09	47.8	63.5	0.93	2390	1.65	0.01
E840507		5.40	31.2	5.08	8.09	0.09	0.05	0.10	0.075	0.05	21.7	34.8	0.50	2330	2.45	0.01
E840508		7.64	56.4	5.00	6.18	0.12	0.09	0.06	0.092	0.07	49.0	53.6	0.83	3850	2.24	0.01
E840509		2.16	57.9	2.82	5.42	0.05	<0.02	0.07	0.052	0.06	13.0	20.0	0.38	1710	1.53	0.01
E840510		1.12	136.5	5.64	4.33	0.12	0.10	0.08	0.163	0.09	31.0	37.3	1.07	6590	1.27	0.01
E840511		1.47	161.5	4.86	4.76	0.13	0.10	0.07	0.149	0.10	28.1	38.1	1.06	5240	1.58	0.01
E840512		6.06	533.0	5.46	7.05	0.15	0.08	0.05	0.164	0.08	65.3	51.8	0.86	2700	4.93	0.02
E840513		8.97	1155.0	4.89	8.60	0.26	0.09	0.03	0.175	0.07	157.0	73.0	0.97	3690	3.73	0.01
E840514		7.88	4860.0	6.10	8.70	0.35	0.15	0.04	0.976	0.05	172.5	70.9	1.04	7360	11.40	0.01
E840515		8.39	543.0	5.17	7.30	0.18	0.07	0.05	0.305	0.06	92.0	77.5	1.02	4120	6.09	0.01
E840516		8.89	343.0	4.15	7.64	0.19	0.06	0.02	0.041	0.06	129.0	59.5	0.84	1760	2.96	0.01
E840517		7.08	37.0	3.55	6.45	0.14	0.03	0.05	0.020	0.05	53.1	40.6	0.63	864	1.42	<0.01
E840518		1.21	97.8	7.53	7.65	0.17	0.13	0.11	0.178	0.08	36.4	48.6	0.72	16300	81.60	0.01
E840519		3.62	80.9	3.38	7.51	0.12	0.03	0.02	0.027	0.05	43.5	24.7	0.40	614	2.94	<0.01
E840520		1.96	13.4	3.39	7.66	0.12	0.02	0.01	0.014	0.04	36.7	24.0	0.58	764	0.92	0.01
E840521		<0.05	0.8	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.05	<0.01
E840522		2.57	19.6	4.04	7.96	0.13	0.03	0.03	0.022	0.04	49.3	42.9	0.65	730	0.92	<0.01
E840523		3.67	21.2	3.26	7.26	0.12	0.02	0.03	0.019	0.04	42.9	23.4	0.45	710	0.80	<0.01
E840524		3.91	10.6	3.12	8.24	0.12	0.02	0.03	0.017	0.03	46.0	12.6	0.29	463	0.93	<0.01
E840525		3.65	91.7	4.51	7.91	0.11	0.03	0.02	0.032	0.05	29.6	32.8	0.57	793	1.99	0.01
E840526		1.73	10.4	2.89	6.70	0.07	<0.02	0.03	0.016	0.04	19.5	10.9	0.27	396	0.96	0.01
E840527		2.43	8.2	3.40	7.80	0.10	<0.02	0.01	0.017	0.03	36.9	14.6	0.29	365	1.20	<0.01
E840528		0.61	101.5	5.24	3.77	0.12	0.09	0.06	0.218	0.07	20.4	30.0	3.06	6820	2.84	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840489		0.40	27.3	930	10.6	13.8	<0.001	0.03	0.68	2.3	0.8	0.4	5.4	<0.01	0.13	10.1
E840490		0.23	25.2	750	13.3	14.2	<0.001	0.05	1.35	5.1	1.2	0.3	5.0	0.01	0.05	5.1
E840491		0.47	9.1	800	5.9	10.1	<0.001	0.07	0.64	0.9	0.6	0.7	4.3	<0.01	0.09	0.8
E840492		0.29	22.9	1290	14.4	11.2	<0.001	0.08	1.09	6.9	1.1	0.5	9.1	0.01	0.08	4.0
E840493		0.30	19.8	1030	10.0	10.1	<0.001	0.05	0.96	9.7	0.9	0.6	9.2	0.01	0.11	8.5
E840494		0.21	39.7	1510	12.8	14.7	<0.001	0.22	1.87	4.2	0.7	0.5	12.4	<0.01	0.20	24.7
E840495		0.58	18.0	870	11.0	13.9	<0.001	0.04	1.44	2.4	0.7	0.6	5.7	<0.01	0.10	5.9
E840496		0.34	28.5	1760	11.5	12.0	0.001	0.14	1.73	1.7	1.0	0.3	9.5	<0.01	0.17	12.2
E840497		0.21	23.3	2110	8.4	9.0	<0.001	0.07	0.89	4.5	1.0	0.2	12.2	0.01	0.08	7.1
E840498		0.24	18.4	1320	7.4	5.9	<0.001	0.07	0.79	4.6	0.9	0.2	12.5	0.01	0.08	6.9
E840499		0.15	22.4	1380	6.5	8.1	<0.001	0.06	0.68	7.6	0.9	0.2	8.0	0.01	0.10	6.7
E840500		0.15	22.3	1670	7.2	9.3	<0.001	0.06	0.74	3.7	1.0	<0.2	8.0	0.01	0.07	6.4
E840501		0.22	26.3	720	22.6	18.6	<0.001	0.08	2.28	4.6	1.5	0.2	6.2	0.01	0.06	1.8
E840502		0.24	33.2	620	28.0	14.4	<0.001	0.04	2.49	5.0	1.4	0.3	5.1	0.01	0.06	4.2
E840503		0.17	45.6	1220	42.0	13.9	<0.001	0.10	2.89	4.0	1.2	0.4	17.3	<0.01	0.19	10.0
E840504		0.12	40.4	1000	14.2	9.2	<0.001	<0.01	0.81	1.8	0.5	0.5	3.4	<0.01	0.17	21.9
E840505		0.73	18.0	660	19.3	12.4	<0.001	0.03	1.23	1.6	0.7	0.9	7.4	<0.01	0.08	1.1
E840506		0.09	37.1	650	5.9	16.4	<0.001	0.04	0.69	4.8	0.5	0.3	2.4	0.01	0.15	20.2
E840507		0.35	22.8	2370	11.5	14.6	<0.001	0.12	0.83	1.8	1.0	0.5	4.9	<0.01	0.18	3.7
E840508		0.46	40.7	1030	15.6	15.2	<0.001	0.03	1.12	5.7	0.9	0.5	8.7	0.01	0.17	13.4
E840509		0.34	12.4	1340	10.7	12.6	<0.001	0.11	0.66	1.8	0.6	0.5	5.8	<0.01	0.06	0.5
E840510		0.26	23.1	1000	15.5	12.3	<0.001	0.07	1.10	5.4	1.1	0.3	7.6	0.01	0.09	3.3
E840511		0.30	27.3	980	14.0	14.6	<0.001	0.08	1.27	6.0	1.3	0.3	8.8	0.01	0.10	3.9
E840512		0.34	54.5	1380	38.4	16.0	<0.001	0.10	5.63	3.3	1.2	0.4	10.4	0.01	0.23	22.1
E840513		0.18	79.7	840	32.7	10.5	<0.001	0.02	6.50	6.0	0.9	0.5	5.6	0.01	0.37	34.6
E840514		0.21	155.5	700	151.0	8.4	0.001	0.13	61.60	5.0	1.7	0.5	6.1	0.02	0.43	43.0
E840515		0.39	89.5	570	29.6	10.2	<0.001	0.05	4.75	4.5	1.2	0.3	4.9	0.01	0.56	34.3
E840516		0.14	38.4	750	10.9	9.4	<0.001	0.02	1.03	3.6	0.6	0.3	5.4	0.01	0.19	27.3
E840517		0.16	33.0	780	6.4	11.7	<0.001	0.03	0.86	1.8	0.5	0.5	3.4	<0.01	0.15	17.3
E840518		0.16	79.1	1320	17.2	12.8	0.001	0.11	3.30	21.3	2.2	0.6	11.6	0.01	0.66	15.2
E840519		0.45	22.2	1290	12.3	12.4	<0.001	0.02	0.76	1.6	0.7	0.6	5.5	<0.01	0.15	8.7
E840520		0.30	25.1	540	4.4	6.9	<0.001	0.03	0.40	1.7	0.3	0.4	3.3	<0.01	0.06	11.5
E840521		<0.05	0.3	10	0.6	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	0.01	0.3
E840522		0.36	31.6	670	6.4	9.3	<0.001	0.03	0.64	2.1	0.5	0.4	3.5	<0.01	0.10	13.9
E840523		0.29	22.6	930	8.3	10.5	<0.001	0.03	0.61	1.7	0.5	0.4	3.9	<0.01	0.06	12.0
E840524		0.43	15.1	510	4.9	10.0	<0.001	0.02	0.55	1.4	0.4	0.6	3.1	<0.01	0.06	9.7
E840525		0.74	27.3	890	11.0	10.5	<0.001	0.03	0.91	2.2	0.6	0.5	6.1	<0.01	0.07	9.6
E840526		0.45	15.0	640	5.9	7.6	<0.001	0.05	0.68	1.4	0.5	0.5	2.8	<0.01	0.05	4.5
E840527		0.53	14.3	490	6.5	8.7	<0.001	0.02	0.62	1.1	0.3	0.5	3.8	<0.01	0.04	3.6
E840528		0.11	21.4	970	19.7	11.1	<0.001	0.08	1.55	4.1	1.4	0.2	11.5	0.01	0.07	3.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E840489		0.016	0.16	2.02	38	0.13	4.72	38	1.6	
E840490		0.017	0.20	1.50	32	0.10	33.80	38	1.9	
E840491		0.020	0.13	0.81	58	0.18	2.42	27	<0.5	
E840492		0.018	0.24	3.42	43	0.25	22.80	67	1.4	
E840493		0.022	0.36	4.12	37	0.44	15.95	47	1.8	
E840494		0.014	1.45	20.10	34	0.32	7.91	37	1.4	
E840495		0.026	0.28	2.30	48	0.26	6.07	43	<0.5	
E840496		0.010	0.25	13.30	25	0.14	5.83	60	2.3	
E840497		0.011	0.15	2.06	19	0.51	19.75	64	3.5	
E840498		0.012	0.18	1.79	16	0.22	17.60	26	2.7	
E840499		0.010	0.17	2.14	20	0.25	16.85	27	2.4	
E840500		0.006	0.17	1.80	12	0.14	18.05	24	2.6	
E840501		0.019	0.37	0.85	30	0.08	28.60	78	1.7	
E840502		0.019	0.50	1.19	32	0.10	24.00	60	2.6	
E840503		0.013	1.17	8.23	29	0.13	15.05	68	2.4	
E840504		0.079	0.14	2.11	31	0.09	4.43	19	1.1	
E840505		0.043	0.23	1.25	74	0.28	2.90	51	<0.5	
E840506		0.005	0.11	4.49	22	0.13	11.55	31	2.3	
E840507		0.014	0.32	3.68	37	0.12	7.11	41	1.0	
E840508		0.031	0.65	9.18	39	0.18	30.50	58	1.3	
E840509		0.016	0.12	1.07	34	0.11	2.74	25	<0.5	
E840510		0.016	0.17	1.09	32	0.12	37.50	50	1.4	
E840511		0.017	0.19	1.54	29	0.11	35.00	50	2.0	
E840512		0.015	0.39	5.18	31	0.12	12.05	259	1.7	
E840513		0.007	0.18	8.50	21	0.14	26.30	257	1.8	
E840514		0.009	0.47	26.20	20	0.18	52.40	1250	3.2	
E840515		0.006	0.20	15.95	19	0.11	25.90	292	1.3	
E840516		0.005	0.09	7.65	19	0.09	15.50	64	1.0	
E840517		0.017	0.08	3.58	24	0.10	5.46	52	0.5	
E840518		0.014	0.12	19.90	28	0.26	21.00	53	3.0	
E840519		0.022	0.14	3.84	36	0.18	4.93	45	<0.5	
E840520		0.013	0.06	1.18	25	0.09	3.71	58	<0.5	
E840521		<0.005	<0.02	0.10	<1	<0.05	0.66	3	0.6	
E840522		0.011	0.09	2.11	26	0.09	4.11	58	0.8	
E840523		0.010	0.08	2.53	24	0.10	5.12	48	<0.5	
E840524		0.013	0.11	1.59	29	0.11	4.52	39	<0.5	
E840525		0.028	0.11	2.69	39	0.18	5.70	68	0.6	
E840526		0.018	0.08	1.17	31	0.12	3.98	37	<0.5	
E840527		0.024	0.10	1.10	36	0.14	3.56	37	<0.5	
E840528		0.007	0.35	1.69	20	0.07	27.80	56	1.9	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840529		0.44	<0.005	0.21	1.03	20.5	<0.2	<10	300	0.90	1.34	7.61	0.28	30.00	10.2	9
E840530		0.24	<0.005	0.18	0.71	9.3	<0.2	<10	450	1.07	1.47	7.73	0.26	31.20	6.4	6
E840531		0.24	<0.005	0.38	0.78	16	<0.2	<10	350	0.89	2.42	10.55	0.22	28.40	9.2	6
E840532		0.30	<0.005	0.71	1.31	29.1	<0.2	<10	160	1.34	4.56	2.48	0.42	40.30	13.8	11
E840533		0.34	<0.005	0.30	0.43	9	<0.2	<10	80	0.55	0.85	13.40	0.36	16.40	4.1	4
E840534		0.20	0.009	0.41	0.87	15.4	<0.2	<10	340	0.97	1.88	8.57	0.20	23.80	7.7	9
E840535		0.38	<0.005	0.04	1.31	4.5	<0.2	<10	50	0.44	0.43	0.11	0.04	75.50	11.6	17
E840536		0.74	<0.005	0.05	1.25	7.9	<0.2	<10	40	0.28	0.58	0.06	0.05	68.80	8.1	17
E840537		0.30	<0.005	0.04	1.47	7.7	<0.2	<10	30	0.41	0.37	0.11	0.10	66.40	10.5	23
E840538		0.38	<0.005	0.05	2.17	8.3	<0.2	<10	110	2.11	0.58	0.10	0.18	345.00	15.9	26
E840539		0.26	<0.005	0.44	1.22	18.1	<0.2	10	750	1.24	1.94	5.89	0.21	49.30	11.1	12
E840540		0.28	0.005	0.34	1.29	15.4	<0.2	<10	180	0.96	1.46	5.27	0.18	59.80	13.7	15
E840541		0.26	<0.005	0.08	0.73	6.9	<0.2	<10	40	0.16	0.47	0.08	0.05	52.30	4.5	12
E840542		0.40	<0.005	0.06	1.53	5.3	<0.2	<10	30	0.55	0.66	0.06	0.05	119.00	10.9	21
E840543		0.34	<0.005	0.02	1.63	2.3	<0.2	<10	40	0.73	0.31	0.14	0.02	169.50	12.4	20
E840544		0.30	<0.005	0.03	1.44	6.0	<0.2	<10	30	0.41	0.36	0.03	0.04	91.20	7.1	19
E840545		0.54	<0.005	0.06	1.85	4.1	<0.2	<10	50	1.10	0.32	0.07	0.04	179.50	14.7	22
E840546		0.38	<0.005	0.06	1.70	10.5	<0.2	<10	50	0.52	0.91	0.03	0.06	119.00	6.5	17
E840547		0.46	<0.005	0.14	1.67	9.1	<0.2	<10	40	0.52	0.89	0.02	0.11	78.30	8.0	19
E840548		0.68	<0.005	0.06	1.65	7.4	<0.2	<10	30	1.02	0.59	0.08	0.04	136.50	17.4	20
E840549		0.38	0.024	0.56	1.54	35.6	<0.2	<10	590	1.43	2.02	0.55	0.10	75.50	44.1	20
E840550		0.52	0.005	0.12	1.41	18.1	<0.2	<10	250	5.14	0.75	0.19	0.24	99.30	50.6	17
E840551		0.40	0.016	0.07	0.82	8.9	<0.2	<10	190	1.91	0.81	0.21	0.05	97.60	48.6	11
E840552		0.38	0.031	0.15	1.57	23.2	<0.2	<10	330	1.71	1.55	0.32	0.05	128.50	33.8	21
E840553		0.22	0.014	0.12	0.85	34.0	<0.2	<10	410	0.83	3.92	0.90	0.41	38.10	49.9	7
E840554		0.60	<0.005	0.05	0.89	18.5	<0.2	<10	120	1.04	0.67	0.16	0.08	63.30	25.5	12
E840555		0.34	<0.005	0.15	1.97	31.8	<0.2	<10	310	2.29	1.92	0.19	0.23	76.70	27.7	25
E840556		0.32	0.011	0.53	2.92	122.5	<0.2	<10	2450	1.36	2.89	0.37	0.23	63.60	563.0	96
E840557		0.32	0.077	0.45	3.92	120.5	<0.2	<10	3500	2.79	2.21	0.93	0.48	57.70	1225.0	79
E840558		0.54	<0.005	0.04	1.11	9.2	<0.2	<10	90	0.19	0.28	0.03	0.07	16.90	10.4	8
E840559		0.32	0.013	0.35	1.69	106.5	<0.2	<10	1210	0.66	2.67	0.10	0.07	49.40	143.5	23
E840560		0.30	<0.005	0.15	2.97	23.1	<0.2	<10	1200	1.37	0.54	0.11	0.06	51.20	91.7	27
E840561		0.40	<0.005	0.06	1.20	14.2	<0.2	<10	170	0.30	0.62	0.07	0.07	30.30	12.2	16
E840562		0.36	<0.005	0.06	1.66	96.3	<0.2	<10	60	0.61	3.05	0.02	0.06	27.70	45.1	22
E840563		0.42	<0.005	0.09	2.62	47.4	<0.2	<10	170	1.16	1.04	0.08	0.11	23.60	63.1	27
E840564		0.28	0.033	1.89	1.11	257.0	<0.2	<10	3210	0.60	25.90	0.74	0.25	23.10	68.3	8
E840565		0.42	0.371	5.73	0.40	368.0	0.2	<10	1780	0.25	63.10	0.46	0.22	23.20	30.6	<1
E840566		0.34	0.020	2.55	0.44	375.0	<0.2	<10	2560	0.26	25.20	2.64	0.11	24.60	26.8	<1
E840567		0.40	0.022	4.44	0.33	435.0	<0.2	<10	1490	0.19	48.00	1.00	0.10	26.90	28.7	1
E840568		0.48	0.023	0.13	1.45	9.6	<0.2	<10	1670	0.57	0.95	0.40	0.03	71.70	23.5	20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840529		0.69	25.9	5.49	2.92	0.15	0.05	0.06	0.184	0.07	15.8	18.9	4.95	6560	1.77	0.01
E840530		0.32	16.2	6.15	1.75	0.12	0.05	0.09	0.257	0.04	16.4	14.5	4.81	9830	1.49	0.02
E840531		0.43	22.6	4.78	1.86	0.18	0.08	0.08	0.143	0.05	14.6	26.6	7.37	5170	1.36	0.02
E840532		0.36	34.3	8.53	3.03	0.16	0.10	0.14	0.202	0.07	21.5	26.8	1.67	9500	1.84	0.02
E840533		0.18	11.6	3.08	1.15	0.07	0.05	0.03	0.121	0.02	8.0	8.6	8.73	3970	0.81	0.01
E840534		0.58	29.8	4.99	2.57	0.17	0.08	0.07	0.194	0.05	13.2	20.8	7.79	5270	1.98	0.03
E840535		3.04	23.4	3.09	6.63	0.07	0.02	0.02	0.020	0.03	40.3	29.6	0.51	887	1.32	0.01
E840536		2.29	10.5	3.32	8.95	0.07	<0.02	0.02	0.021	0.04	33.0	18.6	0.39	538	1.55	0.01
E840537		2.04	17.2	3.68	5.49	0.06	0.02	0.03	0.025	0.03	32.0	29.9	0.49	576	0.91	0.01
E840538		3.43	78.6	4.26	8.06	0.27	0.10	0.06	0.047	0.06	153.5	53.3	0.73	1520	0.95	0.01
E840539		0.89	28.1	6.15	3.65	0.13	0.08	0.08	0.182	0.06	26.9	30.5	4.32	7250	1.96	0.02
E840540		1.03	120.0	5.14	4.47	0.10	0.10	0.05	0.185	0.07	32.5	31.9	3.81	6210	2.71	0.02
E840541		1.81	11.9	2.16	5.59	0.05	<0.02	0.08	0.017	0.04	26.5	6.6	0.19	232	1.19	0.01
E840542		6.98	17.0	3.38	6.37	0.10	0.03	0.07	0.022	0.04	57.3	32.9	0.57	622	1.07	0.01
E840543		4.42	23.8	2.96	5.59	0.14	0.04	0.01	0.015	0.04	84.4	44.6	0.70	667	0.65	0.01
E840544		3.30	9.7	4.45	9.25	0.09	0.03	0.03	0.020	0.04	43.5	23.2	0.31	451	1.02	0.01
E840545		5.35	24.5	3.51	6.77	0.14	0.05	0.04	0.021	0.04	85.7	46.0	0.75	936	0.73	0.01
E840546		2.21	24.0	4.36	9.93	0.10	0.02	0.04	0.030	0.06	59.1	11.6	0.31	381	2.38	0.01
E840547		2.56	34.5	4.81	9.63	0.07	0.02	0.08	0.034	0.05	35.1	21.4	0.44	388	1.81	0.01
E840548		4.61	86.2	4.00	5.94	0.11	0.08	0.06	0.030	0.06	63.8	34.3	0.52	738	2.92	0.01
E840549		2.52	292.0	4.77	5.76	0.09	0.10	0.07	0.104	0.06	42.4	38.7	0.64	8110	18.85	0.01
E840550		3.81	497.0	6.97	5.71	0.13	0.09	0.17	0.283	0.07	51.9	24.3	0.40	12400	4.85	0.01
E840551		2.29	99.6	3.92	2.91	0.09	0.08	0.04	0.061	0.07	58.5	17.9	0.24	3740	5.53	0.01
E840552		3.35	154.0	4.92	5.38	0.13	0.09	0.03	0.070	0.09	68.8	49.4	0.67	4820	3.42	0.01
E840553		0.55	47.2	5.06	3.02	0.06	0.09	0.15	0.227	0.05	19.1	7.8	0.29	13950	8.64	0.01
E840554		3.19	95.9	3.16	3.32	0.06	0.05	0.04	0.039	0.06	29.7	14.2	0.27	1380	2.28	0.01
E840555		5.27	101.5	3.85	6.28	0.08	0.04	0.05	0.082	0.07	39.0	41.3	0.74	1570	3.27	0.01
E840556		2.45	76.0	15.95	9.33	0.22	0.30	0.19	2.030	0.03	28.2	35.9	1.90	21800	11.30	0.01
E840557		2.86	97.5	13.05	8.85	0.24	0.28	0.08	1.445	0.02	34.1	67.2	2.94	27200	27.00	0.02
E840558		0.84	17.6	1.30	4.80	<0.05	0.04	0.04	0.021	0.02	9.0	6.0	0.10	256	1.48	0.01
E840559		1.65	137.0	8.71	5.84	0.10	0.08	0.07	0.082	0.05	33.7	17.9	0.76	2710	10.30	0.02
E840560		3.04	173.5	3.36	7.95	0.07	0.13	0.04	0.038	0.05	26.6	61.8	1.86	1440	4.32	0.01
E840561		6.11	21.2	2.50	7.95	<0.05	<0.02	0.02	0.025	0.05	16.4	7.1	0.31	346	6.26	0.01
E840562		6.30	42.8	8.93	9.38	0.09	0.03	0.02	0.047	0.04	14.9	15.6	0.77	575	11.60	0.01
E840563		7.46	31.9	5.26	9.05	0.06	0.04	0.06	0.043	0.06	11.4	34.9	1.81	859	7.83	0.01
E840564		0.85	810.0	13.65	3.14	0.16	0.09	0.20	0.593	0.04	10.9	8.4	1.69	13650	15.00	<0.01
E840565		0.25	2150.0	17.80	2.28	0.26	0.15	0.29	1.150	0.01	11.2	2.6	0.26	22100	74.60	<0.01
E840566		0.26	1150.0	15.60	1.92	0.20	0.13	0.25	0.691	0.01	12.7	5.5	1.72	20000	12.75	<0.01
E840567		0.26	1420.0	13.20	1.55	0.21	0.09	0.53	0.489	0.01	15.1	4.6	0.58	13750	21.00	<0.01
E840568		1.01	140.0	5.05	4.61	0.13	0.10	0.01	0.053	0.08	39.5	28.0	1.32	3100	5.33	<0.01

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840529		0.16	22.3	850	23.6	6.3	<0.001	0.09	1.94	2.5	1.5	0.2	17.5	<0.01	0.09	1.1
E840530		0.09	20.5	780	11.1	4.6	<0.001	0.10	0.95	2.4	1.6	0.2	15.1	0.01	0.07	0.6
E840531		0.13	25.1	910	27.3	4.8	<0.001	0.04	1.48	3.0	1.2	0.2	21.5	<0.01	0.13	2.6
E840532		0.20	36.5	1670	45.1	6.2	0.001	0.13	2.00	4.0	1.9	0.2	10.7	0.01	0.17	1.8
E840533		0.10	12.0	410	27.3	2.0	<0.001	0.04	0.62	1.3	0.9	<0.2	17.9	<0.01	0.03	0.8
E840534		0.15	20.7	760	14.7	6.2	<0.001	0.04	1.29	3.0	1.4	<0.2	23.0	<0.01	0.07	1.6
E840535		0.30	22.8	510	8.2	7.4	<0.001	0.02	0.77	2.1	0.5	0.5	3.9	<0.01	0.11	14.0
E840536		0.52	18.6	480	7.7	8.9	<0.001	0.03	0.95	1.7	0.4	0.7	4.4	<0.01	0.08	5.5
E840537		0.68	24.1	590	8.1	5.6	<0.001	0.03	0.93	2.2	0.6	0.4	7.0	<0.01	0.06	11.8
E840538		0.31	39.4	850	10.7	13.2	<0.001	0.05	1.05	4.1	1.4	0.5	6.7	0.01	0.14	20.3
E840539		0.15	28.6	920	23.6	8.5	<0.001	0.07	1.82	3.7	1.6	0.2	14.1	0.01	0.09	4.0
E840540		0.21	25.3	860	16.1	11.0	<0.001	0.05	1.58	6.7	1.2	0.2	14.9	0.01	0.07	8.4
E840541		0.40	9.6	750	6.4	8.8	<0.001	0.07	0.70	0.8	0.6	0.6	4.6	<0.01	0.07	0.6
E840542		0.23	26.2	990	7.1	9.5	<0.001	0.07	1.14	1.9	0.7	0.5	3.9	<0.01	0.11	9.5
E840543		0.08	30.8	700	3.1	5.5	<0.001	0.02	0.82	2.1	0.4	0.3	3.3	<0.01	0.06	21.3
E840544		0.60	15.2	650	6.0	11.3	<0.001	0.03	0.74	1.6	0.5	0.6	3.8	<0.01	0.06	12.0
E840545		0.21	32.9	680	6.4	8.8	<0.001	0.03	0.63	2.6	0.6	0.3	4.4	<0.01	0.07	17.2
E840546		0.75	14.4	870	11.7	19.7	<0.001	0.04	1.10	1.3	0.7	0.8	5.8	<0.01	0.28	3.6
E840547		0.52	19.0	1280	11.1	15.3	<0.001	0.08	1.02	1.2	0.9	0.6	3.8	<0.01	0.29	3.7
E840548		0.26	24.7	1180	10.6	12.4	<0.001	0.04	0.79	1.4	0.9	0.4	5.8	<0.01	0.15	11.0
E840549		0.16	38.0	1030	9.4	10.3	0.001	0.07	1.32	8.8	1.6	0.3	8.2	0.01	0.58	14.1
E840550		0.19	46.5	1430	12.3	13.2	<0.001	0.08	1.11	6.1	1.4	0.3	10.0	0.01	0.26	20.5
E840551		0.14	27.1	800	4.4	9.9	<0.001	0.04	0.50	2.9	0.8	0.3	4.7	<0.01	0.17	14.1
E840552		0.11	41.0	790	6.5	13.4	<0.001	0.06	0.98	5.5	0.8	0.5	8.8	0.01	0.20	24.8
E840553		0.23	23.6	1460	12.5	8.0	<0.001	0.29	0.62	3.5	1.5	0.2	15.8	0.01	0.17	5.0
E840554		0.16	20.3	1040	6.6	10.6	<0.001	0.06	0.65	1.0	0.6	0.2	5.0	<0.01	0.12	4.7
E840555		0.44	33.5	970	15.6	17.6	<0.001	0.06	1.22	2.0	0.8	0.4	9.2	<0.01	0.14	5.3
E840556		0.18	208.0	1050	13.4	4.8	0.001	0.09	2.01	388.0	5.9	0.3	9.6	0.04	0.53	10.2
E840557		0.12	464.0	1510	13.9	3.6	0.001	0.11	2.50	456.0	5.1	0.2	13.0	0.04	0.42	5.9
E840558		0.41	7.5	590	5.6	4.3	<0.001	0.06	0.50	1.8	0.6	0.3	2.9	<0.01	0.05	1.6
E840559		0.20	50.9	1240	9.6	8.5	<0.001	0.10	1.12	17.1	1.7	0.4	6.9	<0.01	0.52	13.2
E840560		0.06	59.7	910	5.8	6.0	<0.001	0.06	1.06	5.4	0.7	0.3	8.0	<0.01	0.12	12.3
E840561		0.63	11.5	760	11.6	8.3	<0.001	0.06	0.91	1.7	0.6	0.9	7.5	<0.01	0.08	0.5
E840562		0.50	20.3	1100	11.5	6.6	<0.001	0.07	1.38	5.9	1.7	0.4	3.3	<0.01	0.66	10.2
E840563		0.58	37.3	1130	12.4	9.9	<0.001	0.09	1.09	6.0	1.1	0.5	7.7	<0.01	0.25	6.8
E840564		0.19	36.0	990	45.9	5.2	0.001	0.10	6.52	6.3	1.2	0.3	13.7	0.01	0.15	2.5
E840565		0.16	12.6	560	81.0	1.5	<0.001	0.09	25.50	2.6	1.2	0.6	7.9	0.01	0.09	1.6
E840566		0.11	12.1	730	35.0	1.4	<0.001	0.12	5.29	2.6	0.6	0.2	17.5	<0.01	0.07	2.1
E840567		0.09	15.8	770	27.2	1.3	<0.001	0.19	6.33	1.9	0.8	0.2	9.6	<0.01	0.10	2.1
E840568		0.07	26.0	850	4.3	4.9	<0.001	0.06	0.58	3.6	0.5	0.7	18.0	<0.01	0.08	14.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ti % 0.005	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	Cu-OG46 Cu % 0.01
E840529		0.013	0.52	1.12	20	0.08	26.10	80	0.8	
E840530		0.007	0.20	0.62	19	0.07	33.60	55	0.7	
E840531		0.007	0.61	0.74	14	0.10	24.10	86	1.9	
E840532		0.014	0.64	0.92	27	0.13	39.00	144	2.0	
E840533		0.006	0.14	0.43	11	0.06	14.40	95	1.2	
E840534		0.009	0.56	0.71	18	0.07	24.00	40	1.6	
E840535		0.011	0.06	1.73	24	0.12	8.75	54	<0.5	
E840536		0.019	0.12	1.09	41	0.16	5.79	47	<0.5	
E840537		0.028	0.07	1.34	31	0.34	5.70	56	0.5	
E840538		0.011	0.11	2.73	27	0.11	23.70	100	1.2	
E840539		0.008	0.39	1.79	20	0.07	29.50	65	1.5	
E840540		0.014	0.27	1.55	25	0.09	31.20	53	1.7	
E840541		0.014	0.12	0.83	31	0.11	2.50	29	<0.5	
E840542		0.012	0.10	2.91	26	0.09	5.70	56	0.6	
E840543		0.009	0.03	3.03	16	<0.05	10.10	59	0.9	
E840544		0.011	0.09	1.63	36	0.10	3.90	45	0.6	
E840545		0.009	0.07	3.29	20	0.06	9.12	73	0.8	
E840546		0.018	0.26	1.74	51	0.20	3.33	44	<0.5	
E840547		0.013	0.17	2.80	38	0.13	3.69	42	0.5	
E840548		0.014	0.14	5.04	25	0.14	10.35	45	1.7	
E840549		0.012	0.10	21.00	21	0.11	19.10	37	2.0	
E840550		0.011	0.14	11.60	23	0.20	32.50	35	1.7	
E840551		0.007	0.08	7.95	12	0.22	15.65	16	1.6	
E840552		0.014	0.13	23.60	20	0.17	16.40	88	1.9	
E840553		0.012	0.27	2.97	14	0.08	23.70	64	1.7	
E840554		0.007	0.12	3.63	16	0.09	6.99	77	1.1	
E840555		0.017	0.33	5.81	33	0.14	9.14	255	0.5	
E840556		0.007	0.61	10.40	68	0.32	165.00	50	1.7	
E840557		0.006	0.56	28.40	49	0.22	149.00	77	1.3	
E840558		0.013	0.12	1.38	22	0.10	2.27	20	0.8	
E840559		0.011	1.43	13.60	31	0.63	13.10	30	1.7	
E840560		<0.005	0.19	10.75	41	0.07	10.10	31	3.3	
E840561		0.023	0.34	1.29	61	0.23	2.55	38	<0.5	
E840562		0.018	0.26	2.50	41	0.17	3.12	33	0.5	
E840563		0.021	0.23	5.11	55	0.19	4.17	45	0.9	
E840564		0.010	5.97	5.29	29	0.37	17.15	61	2.0	
E840565		<0.005	16.85	8.14	26	1.26	14.70	34	4.0	
E840566		<0.005	14.45	5.03	17	0.47	11.85	32	3.7	
E840567		<0.005	20.50	4.86	15	0.67	8.33	20	3.1	
E840568		0.035	0.57	5.12	31	0.89	7.59	19	4.1	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840569		0.38	0.030	0.52	1.80	46.9	<0.2	<10	1820	0.73	3.61	0.43	0.12	85.80	51.7	16
E840570		0.64	0.043	0.63	0.98	43.1	<0.2	<10	2100	1.36	2.87	0.71	0.23	52.20	44.5	9
E840571		0.34	0.018	5.37	1.49	115.5	<0.2	<10	1910	0.86	6.25	0.97	0.15	64.20	52.7	8
E840572		0.32	0.029	0.41	0.95	43.2	<0.2	<10	2120	1.08	2.80	0.88	0.14	52.20	50.0	8
E840573		0.30	0.015	0.24	1.46	13.0	<0.2	<10	420	1.17	0.96	0.60	0.12	51.20	17.7	12
E840574		0.38	0.025	0.20	0.40	35.8	<0.2	<10	2370	0.36	0.94	0.30	0.06	75.80	95.2	5
E840575		0.30	0.030	0.25	0.77	34.6	<0.2	<10	1840	0.47	2.90	0.31	0.15	158.50	68.0	7
E840576		0.18	<0.005	0.17	0.89	41.4	<0.2	<10	540	0.45	1.68	1.39	0.55	18.80	20.9	5
E840577		0.34	<0.005	0.16	3.09	182.5	<0.2	<10	140	1.75	2.27	0.06	0.50	73.30	98.1	22
E840578		0.40	<0.005	0.09	2.32	34.2	<0.2	<10	50	0.75	0.59	0.03	0.12	73.40	18.2	24
E840579		0.34	<0.005	0.11	2.11	45.3	<0.2	<10	70	0.77	1.20	0.03	0.14	54.70	25.0	21
E840580		0.54	0.011	0.23	1.71	50.7	<0.2	<10	150	0.70	9.86	0.49	0.24	30.40	67.0	10
E840581		0.54	0.006	0.17	1.88	34.7	<0.2	<10	130	0.57	2.69	0.74	0.18	30.70	57.1	9
E840582		0.56	<0.005	0.19	1.53	39.7	<0.2	<10	90	0.53	2.01	1.19	0.13	36.10	63.2	10
E840583		0.26	<0.005	0.34	1.27	55.0	<0.2	<10	120	0.63	1.25	1.03	0.21	46.70	46.0	9
E840584		0.32	0.012	0.21	1.28	105.5	<0.2	<10	300	0.38	3.40	3.27	0.15	19.75	72.1	9
E840585		0.28	0.012	0.27	2.00	113.5	<0.2	<10	510	0.67	3.55	1.10	0.37	29.40	66.7	13
E840586		0.22	0.012	0.87	1.72	245.0	<0.2	<10	1350	3.03	7.19	2.39	0.71	112.50	64.5	5
E840587		0.40	0.016	0.85	0.88	90.2	<0.2	<10	850	0.64	6.29	2.85	0.30	96.20	72.9	5
E840588		0.34	0.027	0.62	1.16	76.8	<0.2	<10	1270	0.66	5.81	0.78	0.28	263.00	76.3	9
E840589		0.30	0.005	0.22	1.90	8.8	<0.2	<10	160	1.04	0.40	0.45	0.13	62.90	48.6	19
E840590		0.36	0.073	0.54	2.33	19.1	<0.2	<10	430	2.62	8.08	0.13	0.10	66.50	91.6	20
E840591		0.34	0.032	0.36	0.87	48.4	<0.2	<10	2170	0.38	4.21	0.42	0.12	211.00	81.9	7
E840592		0.34	0.048	0.27	1.05	85.5	<0.2	<10	3040	0.94	2.78	0.37	0.26	107.00	173.5	11
E840593		0.30	0.079	0.28	1.36	46.7	<0.2	<10	2130	0.46	4.48	0.23	0.10	144.00	86.9	11
E840594		0.26	0.042	0.25	1.51	52.0	<0.2	<10	3060	0.61	5.28	0.32	0.14	116.00	104.0	10
E840595		0.18	0.040	0.22	1.37	45.9	<0.2	<10	2960	0.52	4.68	0.36	0.13	150.50	92.6	9
E840596		0.42	0.065	0.19	1.19	34.6	<0.2	<10	1980	0.42	2.52	0.32	0.11	148.50	95.2	10
E840597		0.44	0.008	1.66	1.64	125.0	<0.2	<10	1730	0.61	6.34	2.62	0.08	28.90	38.2	14
E840598		0.38	0.006	1.71	0.60	136.0	<0.2	<10	1680	0.32	10.55	2.46	0.08	25.40	33.7	7
E840599		0.38	<0.005	2.09	0.38	98.9	<0.2	<10	1650	0.20	11.20	3.22	0.08	17.75	26.8	1
E840600		0.42	0.009	5.86	0.38	290.0	<0.2	<10	1430	0.29	58.30	3.87	0.07	25.70	26.0	<1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840569		1.23	520.0	7.87	5.23	0.13	0.11	0.17	0.196	0.11	55.3	28.1	1.46	7940	19.70	0.01
E840570		2.00	338.0	6.42	3.26	0.13	0.17	0.33	0.264	0.10	34.4	19.2	0.53	9960	19.40	<0.01
E840571		1.47	442.0	10.55	3.79	0.17	0.16	0.79	0.364	0.08	37.9	32.6	1.23	13500	15.65	0.01
E840572		1.15	274.0	9.13	2.75	0.12	0.13	0.24	0.231	0.12	29.2	14.4	0.51	13100	12.10	0.01
E840573		1.43	38.0	7.10	3.18	0.09	0.10	0.24	0.148	0.09	30.6	17.0	0.76	5930	6.07	0.01
E840574		0.32	893.0	6.36	1.61	0.11	0.08	0.05	0.114	0.05	48.7	6.9	0.20	9130	17.60	<0.01
E840575		0.40	584.0	7.24	3.06	0.15	0.09	0.06	0.144	0.05	116.0	14.4	0.38	6420	27.30	<0.01
E840576		0.47	260.0	9.06	2.76	0.10	0.05	0.14	0.288	0.04	8.7	5.3	0.45	13550	3.73	0.02
E840577		2.41	145.0	9.25	6.33	0.16	0.11	0.11	0.460	0.07	24.6	25.7	0.56	5550	5.14	0.01
E840578		3.92	44.7	4.32	7.14	0.11	0.07	0.05	0.035	0.07	36.1	36.5	0.56	541	3.18	0.01
E840579		2.05	65.1	5.27	7.48	0.08	0.05	0.08	0.116	0.06	23.5	24.7	0.53	1500	4.19	0.01
E840580		1.40	136.5	15.85	5.92	0.21	0.14	0.03	0.827	0.03	14.2	17.1	1.54	17750	20.60	<0.01
E840581		1.69	63.8	20.10	7.01	0.26	0.17	0.04	0.865	0.03	13.8	21.1	1.92	19650	24.20	<0.01
E840582		0.92	127.5	16.70	6.55	0.24	0.12	0.03	0.436	0.03	18.9	16.6	1.83	11500	24.70	0.01
E840583		0.92	210.0	16.20	6.18	0.19	0.16	0.12	0.422	0.05	24.9	8.2	0.89	14800	25.00	0.02
E840584		0.44	114.5	11.90	4.23	0.20	0.11	0.02	0.834	0.02	9.1	10.2	3.85	11550	22.60	0.02
E840585		0.67	131.5	14.90	6.12	0.17	0.11	0.06	1.060	0.06	15.6	12.2	1.59	15350	23.50	0.02
E840586		1.30	347.0	12.90	3.65	0.22	0.16	0.13	0.523	0.04	61.2	12.3	1.46	18850	15.45	0.02
E840587		0.71	316.0	8.30	2.65	0.15	0.09	0.18	0.142	0.05	71.8	14.6	1.65	7470	28.70	0.01
E840588		0.86	380.0	10.85	4.23	0.21	0.12	0.18	0.186	0.07	211.0	15.8	0.71	9840	28.90	0.01
E840589		1.35	80.9	8.31	6.00	0.12	0.14	0.09	0.134	0.10	34.8	34.0	1.02	7410	1.93	0.01
E840590		5.77	475.0	7.04	7.43	0.13	0.13	0.09	0.077	0.24	31.8	40.2	1.10	3190	24.00	0.10
E840591		0.44	771.0	8.80	3.47	0.18	0.08	0.11	0.188	0.06	163.5	12.3	0.41	8010	44.70	<0.01
E840592		1.03	627.0	8.06	3.77	0.14	0.13	0.08	0.180	0.08	75.1	12.5	0.47	10250	37.50	<0.01
E840593		0.69	1585.0	8.23	4.66	0.16	0.09	0.08	0.266	0.07	124.0	16.3	0.56	7440	42.40	<0.01
E840594		0.65	2110.0	8.77	4.77	0.15	0.11	0.13	0.337	0.09	101.5	16.7	0.58	10850	46.20	0.01
E840595		0.56	1795.0	8.09	4.63	0.14	0.12	0.11	0.299	0.08	120.0	15.4	0.54	9660	42.80	<0.01
E840596		0.62	1545.0	7.38	4.36	0.15	0.10	0.05	0.170	0.06	110.0	18.4	0.56	6690	34.00	<0.01
E840597		1.03	185.5	8.34	4.74	0.13	0.09	0.57	0.265	0.04	16.1	24.3	4.90	6820	20.30	0.01
E840598		0.51	655.0	10.05	2.22	0.13	0.11	0.28	0.340	0.02	13.5	9.4	1.65	15300	16.05	0.01
E840599		0.31	474.0	9.57	1.49	0.12	0.08	0.24	0.386	0.01	9.7	5.5	1.12	15150	12.55	0.01
E840600		0.27	1310.0	14.40	1.54	0.20	0.08	0.48	0.652	0.01	14.6	4.8	2.03	11900	6.15	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840569		0.20	29.5	1240	14.3	8.5	0.001	0.11	1.35	7.0	1.4	0.7	10.3	0.01	0.26	11.3
E840570		0.13	27.2	1300	16.0	11.1	0.001	0.16	1.39	5.0	1.9	0.4	20.1	0.01	0.19	9.2
E840571		0.15	30.1	2240	73.6	7.7	0.001	0.16	2.57	5.2	2.0	0.4	14.3	0.01	0.19	8.3
E840572		0.14	26.7	1370	15.6	9.8	0.001	0.16	1.48	5.5	1.7	0.4	11.6	0.01	0.18	8.4
E840573		0.18	23.7	1490	8.2	10.3	<0.001	0.12	0.80	7.1	1.0	0.6	6.1	0.01	0.30	9.0
E840574		0.15	21.6	970	3.3	6.2	<0.001	0.13	0.78	3.0	1.1	0.3	24.4	<0.01	0.19	11.6
E840575		0.73	27.5	1180	6.6	5.4	<0.001	0.05	1.10	2.9	1.3	0.8	9.5	<0.01	0.35	10.4
E840576		0.15	15.8	1540	14.8	3.8	<0.001	0.18	0.99	2.1	1.1	0.2	11.5	0.01	0.08	1.1
E840577		0.83	76.4	1210	24.4	11.2	<0.001	0.10	2.24	4.7	1.6	0.4	6.1	0.01	0.23	11.1
E840578		2.21	33.1	430	12.3	14.5	<0.001	0.09	0.89	2.2	0.9	0.5	4.4	0.01	0.08	12.9
E840579		1.01	31.1	850	18.3	10.4	<0.001	0.19	1.76	2.3	1.1	0.6	5.0	0.01	0.11	6.1
E840580		0.18	49.2	910	10.1	4.6	<0.001	0.13	1.88	7.1	1.5	0.3	11.0	0.01	0.14	5.6
E840581		0.15	45.3	670	9.0	3.7	<0.001	0.14	0.97	6.9	1.6	0.4	16.6	0.01	0.22	6.5
E840582		0.19	52.3	850	8.9	3.0	0.001	0.31	1.64	7.1	1.8	0.3	13.2	0.01	0.28	5.7
E840583		0.21	47.1	1260	11.9	3.7	0.001	0.20	2.22	9.6	2.3	0.3	16.0	0.01	0.26	4.0
E840584		0.17	40.8	860	9.4	2.4	<0.001	0.13	2.35	11.6	1.4	0.3	22.9	0.01	0.15	3.7
E840585		0.28	43.5	1690	13.6	5.4	<0.001	0.13	2.37	10.4	2.1	0.3	12.5	0.01	0.13	2.5
E840586		0.22	46.3	1930	38.6	4.3	<0.001	0.11	3.32	3.9	1.6	0.2	15.3	0.01	0.22	7.4
E840587		0.59	40.6	2900	13.8	4.6	0.001	0.31	1.70	2.5	1.5	0.4	14.8	<0.01	0.37	5.8
E840588		0.65	46.3	2060	14.0	7.9	0.001	0.27	1.67	6.6	2.4	0.6	9.1	0.01	0.63	7.2
E840589		0.14	46.2	1120	7.2	9.5	<0.001	0.05	0.68	7.9	1.0	0.7	8.2	<0.01	0.20	14.9
E840590		0.14	86.9	1080	23.8	18.7	0.003	0.67	2.01	9.7	2.6	0.4	15.7	<0.01	0.28	16.9
E840591		1.22	25.0	1460	6.9	6.2	0.001	0.09	1.39	3.2	1.5	1.0	14.2	0.01	0.60	8.3
E840592		0.33	58.9	1310	11.8	8.4	0.001	0.06	1.45	6.6	1.5	0.5	19.6	0.01	0.35	15.8
E840593		0.69	23.2	1380	6.8	9.7	0.001	0.05	1.00	4.8	1.9	0.9	12.5	0.01	0.56	9.3
E840594		0.57	23.8	1220	7.0	11.4	0.001	0.06	0.92	5.1	2.1	0.8	17.0	0.01	0.61	7.9
E840595		0.57	22.6	1330	6.6	10.2	0.001	0.06	0.87	4.6	2.0	0.9	21.4	0.01	0.59	7.7
E840596		0.51	24.8	1320	5.1	6.4	0.002	0.03	0.77	3.0	1.3	1.1	15.9	0.01	0.45	10.9
E840597		0.09	25.9	1640	46.7	3.0	<0.001	0.16	2.99	6.6	1.2	0.5	26.4	<0.01	0.18	4.6
E840598		0.11	26.4	1780	23.7	2.4	<0.001	0.27	5.36	3.0	0.9	0.2	17.4	<0.01	0.19	2.6
E840599		0.09	14.7	820	20.5	1.2	<0.001	0.18	4.05	2.0	0.6	<0.2	15.1	<0.01	0.12	1.7
E840600		0.08	10.0	560	50.4	1.1	<0.001	0.14	7.24	1.6	0.6	0.2	18.3	<0.01	0.10	2.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063150

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Cu-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Cu
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E840569		0.016	9.78	9.93	39	0.88	16.00	29	3.0	
E840570		0.014	3.43	11.60	24	0.74	25.60	33	4.4	
E840571		0.011	6.20	11.20	33	0.95	23.10	34	4.0	
E840572		0.019	4.55	9.46	22	1.20	22.50	26	3.7	
E840573		0.017	1.29	5.93	43	1.42	19.15	31	2.3	
E840574		0.015	1.81	6.34	16	0.70	11.60	10	2.6	
E840575		0.023	1.08	10.30	81	1.88	12.45	60	2.8	
E840576		0.010	0.26	2.19	19	0.20	11.00	130	1.2	
E840577		0.021	0.37	3.92	38	0.19	12.45	144	2.6	
E840578		0.011	0.20	2.01	33	0.23	6.66	73	2.1	
E840579		0.021	0.26	2.71	46	0.22	5.50	99	1.2	
E840580		0.007	0.37	7.10	37	0.38	26.60	36	2.8	
E840581		0.006	0.46	6.54	44	0.41	32.40	34	4.2	
E840582		0.006	0.34	6.23	61	0.42	27.50	29	3.2	
E840583		0.005	0.28	7.38	57	0.33	39.60	30	2.8	
E840584		0.008	0.66	3.98	44	0.46	28.10	31	2.4	
E840585		0.012	0.59	6.34	57	0.41	34.50	76	2.1	
E840586		0.006	2.23	13.15	26	0.69	29.20	238	4.1	
E840587		0.007	7.28	8.08	63	1.29	14.90	135	3.0	
E840588		0.011	5.23	9.61	82	1.51	19.90	120	3.0	
E840589		0.023	0.15	4.45	36	0.85	18.55	51	3.8	
E840590		0.010	0.25	83.80	49	0.22	17.05	52	4.4	
E840591		0.021	1.73	14.50	104	2.43	13.90	35	2.5	
E840592		0.019	1.01	12.65	37	1.24	20.50	126	4.4	
E840593		0.021	0.79	15.35	56	3.97	17.40	30	2.4	
E840594		0.013	0.76	16.95	49	1.64	18.10	33	2.9	
E840595		0.012	0.71	15.55	48	1.66	17.60	33	2.7	
E840596		0.028	0.35	14.35	34	2.33	13.70	28	2.9	
E840597		<0.005	17.00	6.24	48	0.81	14.75	27	3.2	
E840598		<0.005	11.05	7.06	23	0.74	11.60	23	3.6	
E840599		<0.005	12.60	4.65	15	0.46	8.13	21	2.8	
E840600		<0.005	22.00	4.50	11	0.46	7.41	31	4.0	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 5-JUL-2007
Account: EIAFRG

CERTIFICATE VA07063151

Project: Werneckes

P.O. No.: FRG07-01

This report is for 97 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-22	Drying - Maximum Temp 60C
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840601		0.22	0.005	1.69	3.36	116.0	<0.2	<10	650	3.96	2.79	0.11	2.11	64.30	45.1	21
E840602		0.10	<0.005	0.34	1.55	66.7	<0.2	<10	1210	0.91	3.83	0.78	0.20	52.10	42.7	19
E840603		0.16	0.025	0.14	2.27	42.9	<0.2	<10	900	0.99	1.61	0.34	0.09	49.00	68.5	66
E840651		0.24	<0.005	0.38	2.55	62.5	<0.2	<10	90	1.49	2.23	0.04	0.36	150.50	12.1	29
E840652		0.34	<0.005	0.44	1.82	46.2	<0.2	<10	50	1.26	1.27	0.02	0.14	53.60	5.4	20
E840653		0.42	<0.005	0.01	1.41	0.9	<0.2	<10	30	0.39	0.24	0.13	0.01	141.00	13.1	29
E840654		0.18	<0.005	0.01	1.36	0.8	<0.2	<10	40	0.35	0.20	0.12	<0.01	90.20	12.7	29
E840655		0.38	<0.005	<0.01	1.05	0.8	<0.2	<10	30	0.22	0.15	0.13	<0.01	79.30	12.0	29
E840656		0.16	<0.005	0.03	1.48	1.5	<0.2	<10	80	0.42	0.29	0.48	0.09	93.30	12.6	18
E840657		0.38	<0.005	0.04	1.37	4.3	<0.2	<10	50	0.48	0.35	0.13	0.09	160.50	11.6	24
E840658		0.54	<0.005	0.03	1.44	3.1	<0.2	<10	30	0.39	0.26	0.10	0.05	174.00	11.3	26
E840659		0.38	0.006	0.03	1.54	4.1	<0.2	<10	40	0.42	0.27	0.08	0.05	148.50	11.5	26
E840660		0.42	<0.005	0.02	1.74	1.3	<0.2	<10	30	0.42	0.18	0.12	0.02	333.00	14.0	31
E840661		0.42	<0.005	0.02	1.59	1.1	<0.2	<10	30	0.48	0.19	0.10	0.01	237.00	12.8	32
E840662		0.48	<0.005	0.01	1.61	0.8	<0.2	<10	30	0.52	0.08	0.09	<0.01	165.50	12.1	30
E840663		0.42	<0.005	0.03	1.49	2.2	<0.2	<10	20	0.21	0.26	0.04	0.04	87.80	19.3	25
E840664		0.42	<0.005	0.02	1.45	2.3	<0.2	<10	20	0.20	0.13	0.07	0.04	52.90	17.1	25
E840665		0.40	0.009	0.03	1.30	1.3	<0.2	<10	20	0.15	0.27	0.05	0.02	41.70	22.1	21
E840666		0.38	0.006	0.04	1.16	1.7	<0.2	<10	20	0.20	0.29	0.03	0.02	35.40	17.8	18
E840667		0.42	<0.005	0.02	1.06	1.8	<0.2	<10	40	0.55	0.26	0.17	0.01	54.10	26.5	19
E840668		0.38	0.050	0.27	1.71	11.6	<0.2	<10	330	1.02	0.71	0.72	<0.01	74.70	82.0	17
E840669		0.42	0.032	0.10	0.87	5.7	<0.2	<10	1060	0.74	0.65	0.31	0.02	83.70	43.5	14
E840670		0.48	0.015	0.07	1.37	3.2	<0.2	<10	120	0.67	0.74	0.52	0.06	56.20	37.5	18
E840671		0.10	0.006	0.13	1.00	2.7	<0.2	<10	570	0.61	0.29	1.43	0.16	38.60	15.1	10
E840673		0.34	0.005	0.20	2.61	47.4	<0.2	<10	2420	1.79	1.95	0.07	0.48	>500	102.5	28
E840674		0.26	0.014	0.26	1.49	28.3	<0.2	<10	1650	0.93	1.36	1.02	0.24	86.50	19.7	22
E840675		0.34	0.017	0.18	1.72	79.1	<0.2	<10	330	1.68	2.00	0.29	0.20	65.50	71.5	18
E840676		0.34	0.016	0.20	1.90	92.8	<0.2	<10	390	2.00	2.18	0.29	0.19	68.50	81.1	19
E840677		0.24	0.008	0.16	1.09	42.7	<0.2	<10	140	0.74	0.93	0.08	0.06	93.40	39.1	13
E840678		0.34	0.007	0.52	2.18	231.0	<0.2	<10	1280	3.45	2.61	0.57	0.18	118.50	181.0	21
E840679		0.48	0.010	0.30	1.31	35.2	<0.2	<10	750	1.53	4.04	0.44	0.15	92.20	65.6	21
E840680		0.34	0.043	0.12	1.49	19.1	<0.2	<10	780	0.77	3.35	0.34	0.09	104.00	18.6	25
E840681		0.28	0.021	0.28	1.47	33.3	<0.2	<10	900	1.99	2.47	0.52	0.13	62.60	51.1	18
E840682		0.24	0.029	0.29	2.20	20.0	<0.2	<10	740	1.20	4.33	0.52	0.10	94.70	72.6	26
E840683		0.38	<0.005	0.19	1.19	41.5	<0.2	<10	70	0.79	4.52	0.12	0.11	37.00	38.0	21
E840684		0.34	0.010	0.36	1.58	69.5	<0.2	<10	810	2.21	2.61	0.35	0.35	81.60	125.5	15
E840685		0.48	0.005	0.20	1.82	175.5	<0.2	<10	740	2.66	1.60	0.25	0.18	74.90	124.5	21
E840686		0.34	0.006	0.08	1.01	21.5	<0.2	<10	140	0.48	0.94	0.07	0.09	59.00	24.2	15
E840687		0.30	<0.005	0.07	1.69	32.9	<0.2	<10	450	0.53	0.97	0.14	0.15	38.70	19.1	33
E840688		0.38	0.020	0.47	1.95	103.0	<0.2	<10	1720	1.11	4.50	0.25	0.20	94.50	63.1	29

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840601		3.03	452.0	6.89	5.55	0.06	0.12	1.14	0.323	0.10	32.6	28.1	0.74	4530	14.50	0.03
E840602		1.26	105.0	6.43	5.85	<0.05	0.08	0.09	0.123	0.06	33.8	14.1	0.60	4390	15.45	0.02
E840603		0.77	122.5	7.72	11.70	<0.05	0.03	0.03	0.117	0.18	19.4	29.7	1.54	3990	13.00	0.02
E840651		7.75	139.5	6.60	7.89	0.09	0.08	0.05	0.107	0.09	75.5	46.3	0.73	498	8.55	0.02
E840652		1.89	41.8	5.11	8.22	<0.05	0.04	0.04	0.058	0.04	32.9	21.6	0.32	240	5.91	0.01
E840653		3.33	1.7	2.92	4.64	0.07	0.02	<0.01	0.010	0.03	73.5	18.2	1.01	213	0.43	<0.01
E840654		3.40	2.7	2.73	4.43	<0.05	0.05	0.01	0.007	0.03	53.9	16.6	0.90	178	0.47	<0.01
E840655		6.53	0.3	2.51	3.54	<0.05	0.02	<0.01	0.005	0.03	37.3	12.9	0.68	128	0.20	<0.01
E840656		4.90	3.6	2.00	4.91	0.05	0.04	0.05	0.009	0.09	66.7	18.8	1.24	401	3.35	0.01
E840657		3.50	39.0	2.84	5.85	0.09	0.03	0.02	0.017	0.05	107.5	16.4	0.59	322	0.88	<0.01
E840658		4.17	37.1	2.96	5.44	0.05	0.04	0.02	0.015	0.03	63.6	19.1	0.66	308	0.63	<0.01
E840659		5.11	22.3	3.07	5.65	<0.05	0.02	0.03	0.018	0.04	57.2	21.1	0.64	318	0.74	<0.01
E840660		5.33	4.8	3.52	6.21	0.16	0.06	0.03	0.012	0.04	146.0	27.3	0.86	459	0.35	<0.01
E840661		6.02	17.7	3.51	5.74	0.11	0.05	0.02	0.011	0.04	116.5	28.2	0.77	342	0.28	<0.01
E840662		3.89	1.3	3.22	5.47	0.10	0.04	0.01	0.008	0.03	82.4	30.6	0.91	255	0.11	<0.01
E840663		2.63	26.0	3.37	5.69	<0.05	0.04	0.05	0.009	0.03	39.2	20.7	0.67	233	1.38	<0.01
E840664		1.52	6.2	3.81	5.91	0.05	<0.02	0.03	0.010	0.03	24.2	20.1	0.71	197	0.95	<0.01
E840665		1.25	7.1	3.52	5.81	<0.05	0.02	0.03	0.010	0.03	19.9	15.9	0.62	315	0.88	<0.01
E840666		1.42	20.1	2.76	4.80	<0.05	0.02	0.04	0.009	0.04	17.4	14.0	0.48	134	2.71	<0.01
E840667		0.89	17.9	3.43	3.41	0.05	0.07	0.01	0.012	0.05	24.7	14.6	0.74	813	1.64	<0.01
E840668		5.23	155.5	4.19	5.22	0.05	0.12	0.04	0.073	0.06	47.9	25.9	1.71	2770	15.90	<0.01
E840669		2.10	51.1	3.87	2.93	0.07	0.06	0.02	0.043	0.05	48.5	12.6	0.56	1945	14.05	0.01
E840670		2.49	33.9	3.88	4.64	0.06	0.06	0.02	0.041	0.05	29.0	18.8	1.32	2600	1.99	<0.01
E840671		1.55	31.5	1.74	2.99	<0.05	0.09	0.12	0.035	0.05	30.8	8.3	0.50	1730	1.22	0.01
E840673		2.49	238.0	6.25	11.35	0.49	0.19	0.15	0.262	0.08	410.0	51.8	0.85	10750	5.25	0.02
E840674		0.90	64.4	4.44	6.33	0.08	0.10	0.09	0.124	0.09	73.9	18.9	0.71	3630	2.04	0.02
E840675		2.76	545.0	7.10	5.59	0.07	0.10	0.10	0.366	0.08	36.1	20.9	0.48	8150	5.22	0.01
E840676		3.08	705.0	7.83	5.89	0.08	0.12	0.09	0.399	0.08	39.9	23.4	0.51	10150	5.86	0.01
E840677		1.14	72.5	4.32	5.41	0.06	0.03	0.16	0.115	0.05	45.4	5.5	0.20	4130	3.55	0.01
E840678		3.18	250.0	12.45	7.39	0.14	0.26	0.17	0.596	0.05	64.2	32.0	0.74	21900	14.70	0.01
E840679		2.07	184.0	6.12	4.91	0.08	0.13	0.12	0.223	0.08	49.5	21.6	0.58	8550	8.49	0.01
E840680		1.76	102.0	4.31	6.16	0.07	0.08	0.04	0.089	0.08	69.2	21.4	0.56	2510	2.99	0.01
E840681		1.98	581.0	6.67	5.35	0.07	0.17	0.10	0.786	0.14	34.0	24.0	0.75	12100	8.05	0.01
E840682		2.80	135.5	7.29	8.01	0.08	0.14	0.12	0.175	0.09	61.2	41.1	1.05	6110	9.28	0.01
E840683		2.66	132.5	3.38	4.76	0.06	0.03	0.17	0.040	0.05	17.5	14.8	0.31	992	9.75	0.01
E840684		2.75	525.0	8.94	4.75	0.13	0.09	0.12	0.250	0.07	39.4	19.3	0.32	9780	4.39	0.01
E840685		3.18	242.0	6.42	5.04	0.13	0.09	0.09	0.303	0.06	31.9	32.4	0.58	8200	7.71	0.01
E840686		2.13	70.6	5.02	4.91	0.07	<0.02	0.06	0.100	0.07	28.4	9.4	0.19	3120	4.62	0.01
E840687		1.70	44.9	5.34	9.88	0.07	0.02	0.04	0.088	0.06	18.2	22.1	0.72	1970	2.26	0.01
E840688		1.34	191.0	8.76	6.88	0.17	0.15	0.11	0.147	0.09	84.3	24.6	1.00	6420	10.75	0.04

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 5-JUL-2007
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CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840601		0.21	82.4	1630	651.0	9.7	<0.001	0.19	9.46	6.7	1.5	0.3	10.1	0.01	0.16	26.2
E840602		0.36	28.5	2050	28.3	11.5	<0.001	0.20	1.99	5.1	1.1	0.4	15.7	0.01	0.22	2.8
E840603		0.28	35.1	1370	14.7	16.1	<0.001	0.15	1.42	9.9	1.0	0.6	8.8	<0.01	0.72	2.8
E840651		0.38	23.5	1340	61.3	13.7	<0.001	0.25	5.31	2.7	1.7	0.4	17.1	0.01	0.22	42.1
E840652		1.61	13.0	830	23.7	8.7	<0.001	0.06	1.69	2.0	0.9	0.5	10.1	0.01	0.16	12.3
E840653		<0.05	35.2	530	2.2	4.6	<0.001	<0.01	0.20	2.1	0.3	0.3	3.4	<0.01	0.04	19.4
E840654		0.05	35.6	480	1.8	4.6	<0.001	0.01	0.18	2.2	0.3	0.3	3.2	<0.01	0.03	17.1
E840655		<0.05	35.9	540	1.7	4.8	<0.001	<0.01	0.17	1.9	0.2	0.3	3.5	<0.01	0.02	16.0
E840656		0.65	29.1	900	4.5	12.3	<0.001	0.10	0.22	1.5	0.5	0.3	10.1	<0.01	0.05	5.0
E840657		0.28	27.9	710	6.2	8.8	<0.001	0.03	0.44	1.9	0.6	0.3	7.6	<0.01	0.05	6.4
E840658		0.23	31.8	660	4.6	7.2	<0.001	0.01	0.41	2.1	0.4	0.3	5.6	<0.01	0.04	14.0
E840659		0.31	30.2	640	6.0	9.0	<0.001	0.02	0.47	2.0	0.4	0.4	5.9	<0.01	0.05	9.7
E840660		0.05	39.8	600	2.7	5.9	<0.001	0.01	0.38	2.9	0.5	0.3	3.4	<0.01	0.03	22.1
E840661		0.05	38.2	540	2.1	7.1	<0.001	0.01	0.37	2.7	0.4	0.3	3.7	<0.01	0.05	21.3
E840662		<0.05	41.4	430	1.7	4.8	<0.001	<0.01	0.26	2.4	0.4	0.3	3.1	<0.01	0.03	20.4
E840663		0.13	33.0	970	3.8	6.4	<0.001	0.05	0.35	2.1	0.6	0.2	3.3	<0.01	0.10	10.6
E840664		0.21	36.1	730	3.8	5.2	<0.001	0.02	0.30	1.9	0.3	0.3	2.8	<0.01	0.06	10.3
E840665		0.10	29.2	710	3.2	5.6	<0.001	0.02	0.19	2.0	0.3	0.2	1.6	<0.01	0.15	11.9
E840666		0.11	25.5	640	3.6	7.1	<0.001	0.04	0.23	1.5	0.7	0.2	3.5	<0.01	0.12	10.1
E840667		0.06	33.1	590	2.1	4.6	<0.001	0.02	0.24	2.5	0.3	0.2	2.6	<0.01	0.09	11.4
E840668		0.23	31.7	870	6.3	7.1	<0.001	0.06	0.45	5.1	1.3	0.6	7.6	0.01	0.41	18.3
E840669		0.40	29.2	1100	6.8	6.6	<0.001	0.04	0.62	2.8	0.8	0.7	27.7	<0.01	0.30	18.4
E840670		0.17	29.1	770	5.2	6.5	<0.001	0.02	0.38	4.1	0.6	0.4	8.5	<0.01	0.15	14.5
E840671		0.26	18.0	1480	5.9	8.6	<0.001	0.16	0.31	4.5	0.9	0.2	17.7	0.01	0.10	3.7
E840673		0.27	63.3	1390	20.5	17.8	<0.001	0.10	2.28	10.4	2.1	0.4	13.0	0.02	0.13	17.9
E840674		0.34	27.4	1700	11.2	12.0	<0.001	0.13	1.13	9.2	1.0	0.4	15.1	0.01	0.08	4.4
E840675		0.28	62.4	1300	13.9	11.9	<0.001	0.09	2.44	8.5	1.0	0.3	9.3	0.01	0.14	10.5
E840676		0.29	74.0	1350	14.6	11.8	<0.001	0.09	2.64	10.6	1.2	0.3	9.8	0.01	0.16	12.8
E840677		0.29	24.5	2270	9.9	5.2	<0.001	0.18	1.19	1.9	1.0	0.3	5.5	<0.01	0.13	1.7
E840678		0.30	97.3	1520	14.3	7.4	<0.001	0.11	2.76	15.3	1.9	0.3	13.4	0.02	0.23	28.2
E840679		0.24	48.9	1000	13.2	8.5	<0.001	0.06	2.14	8.1	1.1	0.4	9.5	0.01	0.20	14.5
E840680		0.34	24.5	1170	10.6	12.2	<0.001	0.07	1.27	6.1	1.0	0.6	9.8	<0.01	0.21	6.4
E840681		0.30	50.0	1080	17.4	9.0	<0.001	0.09	2.11	12.4	1.2	0.3	10.1	0.01	0.14	16.9
E840682		0.29	38.0	1540	14.1	11.5	<0.001	0.13	2.02	10.0	1.1	0.6	9.1	0.01	0.16	7.1
E840683		0.31	43.3	1380	13.2	8.2	<0.001	0.04	1.70	1.4	0.7	0.4	9.1	0.01	0.12	1.8
E840684		0.20	154.5	2220	25.4	9.2	<0.001	0.11	2.62	8.2	1.5	0.3	7.7	0.01	0.29	10.9
E840685		0.15	83.9	1130	10.8	7.7	<0.001	0.06	1.67	7.7	1.1	0.2	6.7	0.01	0.15	21.5
E840686		0.23	16.7	1050	8.2	12.3	<0.001	0.05	1.03	1.5	0.6	0.4	4.2	<0.01	0.10	2.0
E840687		0.39	22.9	1140	12.6	12.6	<0.001	0.07	1.10	2.9	0.7	0.7	7.2	<0.01	0.09	1.0
E840688		0.31	43.9	1170	20.9	11.0	<0.001	0.18	2.20	10.3	1.7	0.5	11.1	0.01	0.24	7.4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840601		0.010	0.11	8.93	28	0.11	18.95	723	4.5
E840602		0.014	1.49	3.73	51	0.30	12.35	95	1.8
E840603		0.019	0.23	1.75	147	0.17	5.78	72	0.6
E840651		0.005	0.12	7.09	26	0.22	17.60	240	1.2
E840652		0.012	0.11	2.12	36	0.21	8.92	132	0.8
E840653		0.020	0.03	1.96	28	0.14	6.04	32	0.5
E840654		0.016	0.03	1.94	27	0.09	5.66	27	1.1
E840655		0.017	0.03	2.29	31	<0.05	3.60	44	0.5
E840656		0.027	0.06	1.53	18	3.74	7.81	28	0.7
E840657		0.020	0.06	2.16	32	0.12	9.99	50	<0.5
E840658		0.020	0.06	2.15	32	0.08	6.32	46	0.8
E840659		0.021	0.07	1.75	34	0.10	5.16	40	<0.5
E840660		0.019	0.04	2.29	31	<0.05	14.75	37	1.0
E840661		0.021	0.04	2.41	33	<0.05	10.35	25	1.0
E840662		0.019	0.03	2.42	28	<0.05	7.57	26	1.0
E840663		0.014	0.04	3.29	24	0.05	2.37	14	1.1
E840664		0.033	0.03	1.73	29	0.07	2.29	14	<0.5
E840665		0.015	0.02	1.77	21	<0.05	2.16	9	0.7
E840666		0.012	0.04	4.93	19	<0.05	1.69	12	0.5
E840667		0.028	0.02	2.04	18	0.14	5.58	8	2.2
E840668		0.016	0.04	4.31	26	0.88	21.90	26	2.5
E840669		0.032	0.05	9.63	22	0.86	12.95	18	2.0
E840670		0.031	0.04	2.84	23	0.61	13.75	28	1.6
E840671		0.011	0.06	3.02	14	0.16	17.65	29	1.8
E840673		0.007	0.31	4.21	41	0.27	59.80	202	2.0
E840674		0.017	0.37	4.13	41	0.22	20.90	70	1.8
E840675		0.012	0.23	4.50	31	0.18	24.30	56	1.6
E840676		0.013	0.26	5.58	31	0.19	34.30	56	2.0
E840677		0.012	0.14	2.12	25	0.11	8.25	27	0.5
E840678		0.012	0.26	4.77	29	0.28	61.60	63	5.7
E840679		0.020	0.18	4.76	29	0.26	23.60	41	3.1
E840680		0.020	0.20	3.28	36	0.32	12.85	47	1.4
E840681		0.014	0.35	3.24	30	0.27	40.40	46	3.6
E840682		0.019	0.33	6.76	43	0.28	22.30	61	2.8
E840683		0.027	0.15	1.67	43	0.25	4.66	45	<0.5
E840684		0.011	0.23	3.54	24	0.11	19.55	160	1.4
E840685		0.008	0.31	2.96	22	0.23	17.25	74	1.7
E840686		0.018	0.12	2.06	35	0.15	4.15	37	<0.5
E840687		0.031	0.27	1.47	86	0.28	3.54	54	<0.5
E840688		0.022	1.91	7.75	68	0.37	26.30	58	2.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840701		0.54	0.008	0.50	2.61	66.5	<0.2	<10	100	4.48	2.24	0.07	0.48	337.00	109.0	31
E840702		0.46	0.007	0.72	2.51	74.2	<0.2	<10	90	3.73	2.66	0.04	0.27	490.00	63.8	27
E840703		0.50	0.006	0.19	2.27	31.1	<0.2	<10	70	2.00	0.68	0.08	0.24	321.00	56.7	25
E840704		0.44	0.006	0.33	2.35	50.6	<0.2	<10	110	3.67	2.28	0.07	0.32	291.00	93.3	25
E840705		0.44	<0.005	0.29	2.36	26.6	<0.2	<10	70	1.71	3.31	0.04	0.17	191.50	24.4	27
E840706		0.42	<0.005	0.35	2.45	188.0	<0.2	<10	120	3.05	3.64	0.06	0.19	139.50	31.6	25
E840707		0.30	<0.005	0.24	2.74	194.0	<0.2	<10	90	2.24	1.76	0.09	0.29	92.20	15.1	26
E840708		0.30	<0.005	0.16	2.11	49.0	<0.2	<10	60	1.27	1.72	0.06	0.18	60.90	8.3	23
E840709		0.40	0.006	0.09	2.06	414.0	<0.2	<10	30	0.78	2.03	0.02	0.11	33.40	5.9	20
E840710		0.36	<0.005	0.10	2.46	40.8	<0.2	<10	50	1.19	1.01	0.04	0.21	62.80	10.2	25
E840711		0.32	0.006	0.14	1.58	21.1	<0.2	<10	80	0.90	0.55	0.09	0.20	54.10	10.2	20
E840712		0.40	<0.005	0.13	2.39	39.2	<0.2	<10	80	1.70	1.40	0.06	0.18	53.10	9.7	25
E840713		0.32	<0.005	0.12	2.30	75.6	<0.2	<10	100	2.21	1.65	0.10	0.21	101.50	13.6	24
E840714		0.34	<0.005	0.14	2.21	27.5	<0.2	<10	80	2.10	0.98	0.07	0.25	88.00	24.5	22
E840715		0.34	<0.005	0.09	1.71	28.8	<0.2	<10	80	1.48	1.13	0.09	0.19	57.20	10.6	19
E840716		0.32	<0.005	0.09	1.89	21.7	<0.2	<10	90	1.81	1.01	0.12	0.24	78.60	20.6	24
E840717		0.32	<0.005	0.08	2.11	23.2	<0.2	<10	80	1.57	0.67	0.11	0.19	63.20	17.8	23
E840718		0.26	0.005	0.07	1.88	29.7	<0.2	<10	100	1.57	0.82	0.11	0.14	63.20	15.0	22
E840719		0.40	<0.005	0.10	2.10	41.7	<0.2	<10	140	2.44	1.19	0.15	0.57	120.50	24.2	24
E840720		0.38	<0.005	0.19	2.11	59.3	<0.2	<10	100	3.19	1.72	0.15	0.74	191.00	46.7	24
E840721		0.38	<0.005	0.25	3.15	38.4	<0.2	<10	370	3.74	1.35	0.36	0.29	221.00	21.1	24
E840722		0.34	<0.005	0.19	2.29	71.9	<0.2	<10	130	3.77	1.75	0.14	0.64	174.50	28.5	25
E840723		0.34	0.006	0.09	2.73	26.7	<0.2	<10	110	2.51	0.78	0.14	0.41	140.00	31.2	28
E840724		0.48	<0.005	0.06	2.17	21.3	<0.2	<10	170	1.52	0.66	0.13	0.23	91.90	16.5	27
E840725		0.34	<0.005	0.07	1.69	27.6	<0.2	<10	80	1.49	1.24	0.07	0.13	56.20	6.7	19
E840726		0.42	<0.005	0.07	1.51	14.7	<0.2	<10	90	0.69	0.49	0.12	0.23	27.20	7.2	21
E840727		0.48	<0.005	0.07	1.59	8.5	<0.2	<10	50	1.02	0.58	0.08	0.05	140.50	15.9	27
E840728		0.04	<0.005	<0.01	0.01	0.2	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.05	0.1	<1
E840729		0.36	<0.005	0.04	1.58	11.0	<0.2	<10	250	0.45	0.34	0.10	0.12	74.70	10.6	25
E840730		0.52	<0.005	0.01	1.39	1.5	<0.2	<10	30	0.45	0.22	0.18	0.01	162.00	11.9	30
E840731		0.44	<0.005	0.02	1.85	3.9	<0.2	<10	40	0.75	0.26	0.18	0.01	223.00	15.9	28
E840732		0.38	<0.005	0.02	1.80	1.6	<0.2	<10	40	0.69	0.27	0.17	0.02	223.00	15.3	27
E840733		0.48	<0.005	0.03	1.64	2.9	<0.2	<10	20	0.39	0.30	0.10	0.04	313.00	14.5	28
E840734		0.50	<0.005	0.03	1.03	2.9	<0.2	<10	20	0.22	0.14	0.05	0.04	105.50	6.6	21
E840735		0.40	<0.005	0.05	0.92	2.8	<0.2	<10	20	0.18	0.16	0.03	0.06	71.10	6.1	20
E840736		0.40	<0.005	0.03	1.39	3.1	<0.2	<10	30	0.47	0.18	0.05	0.04	161.00	9.1	24
E840737		0.48	<0.005	0.02	1.50	1.6	<0.2	<10	50	1.07	0.18	0.10	0.02	184.50	11.6	29
E840738		0.42	<0.005	0.04	1.15	1.5	<0.2	<10	20	0.29	0.14	0.03	0.04	94.90	9.2	22
E840739		0.62	<0.005	0.02	1.91	1.3	<0.2	<10	30	0.84	0.16	0.10	0.02	94.20	32.0	29
E840740		0.58	<0.005	0.04	1.79	2.6	<0.2	<10	20	0.46	0.24	0.07	0.05	53.70	18.2	28

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840701		5.98	205.0	6.88	7.02	0.23	0.18	0.02	0.123	0.07	111.0	64.5	0.73	1365	7.74	0.04
E840702		5.85	236.0	7.77	7.17	0.24	0.20	0.05	0.144	0.05	112.5	44.3	0.50	853	10.25	0.03
E840703		3.27	117.5	4.32	5.83	0.19	0.17	0.08	0.044	0.05	73.5	32.6	0.53	596	2.76	0.01
E840704		5.36	220.0	6.35	6.13	0.22	0.17	0.04	0.094	0.06	105.5	35.2	0.50	1340	7.44	0.03
E840705		6.33	55.0	5.10	6.95	0.12	0.06	0.06	0.044	0.06	75.2	55.5	0.42	753	4.65	0.02
E840706		6.40	269.0	7.67	6.48	0.16	0.10	0.06	0.148	0.06	80.3	37.3	0.54	900	13.05	0.05
E840707		3.40	177.5	7.19	6.05	0.10	0.09	0.09	0.072	0.06	52.9	23.8	0.34	461	7.12	0.02
E840708		2.84	77.5	6.35	7.48	0.08	0.04	0.08	0.062	0.04	28.7	27.8	0.28	260	5.32	0.01
E840709		1.70	71.6	6.52	9.14	0.08	0.05	0.05	0.042	0.03	23.8	31.0	0.45	264	5.19	<0.01
E840710		3.16	59.2	5.47	6.22	0.06	0.05	0.08	0.046	0.04	40.0	27.8	0.33	206	3.10	0.01
E840711		1.92	34.5	4.44	6.79	0.06	0.02	0.08	0.037	0.06	20.4	23.7	0.22	205	2.52	0.01
E840712		2.17	96.0	6.32	6.49	0.09	0.05	0.03	0.072	0.06	31.9	32.3	0.63	510	8.12	0.01
E840713		3.93	83.5	5.30	6.47	0.08	0.06	0.04	0.077	0.05	58.6	31.6	0.34	344	5.27	0.02
E840714		4.72	71.0	4.42	5.63	0.09	0.08	0.05	0.050	0.06	44.6	36.7	0.38	315	3.15	0.01
E840715		3.59	48.4	4.75	7.80	0.07	0.03	0.09	0.050	0.06	36.5	26.7	0.33	340	4.00	0.01
E840716		3.14	40.6	3.90	5.58	0.07	0.04	0.04	0.039	0.05	29.0	36.0	0.40	429	2.03	0.01
E840717		4.01	36.4	4.27	6.32	0.07	0.05	0.03	0.046	0.05	24.9	38.8	0.40	350	2.44	0.01
E840718		3.64	42.2	4.43	6.56	0.08	0.04	0.02	0.051	0.06	34.4	33.1	0.35	371	3.04	0.01
E840719		3.92	72.2	5.43	6.26	0.10	0.04	0.04	0.071	0.07	53.1	37.6	0.49	808	4.34	0.02
E840720		4.83	143.5	6.12	5.62	0.12	0.06	0.03	0.084	0.06	73.0	36.8	0.48	556	5.53	0.02
E840721		10.90	103.5	5.74	6.38	0.12	0.07	0.05	0.125	0.11	179.5	52.4	0.49	427	6.09	0.03
E840722		4.08	133.5	5.83	5.99	0.16	0.09	0.02	0.107	0.07	116.0	44.1	0.49	550	6.68	0.03
E840723		2.65	48.0	4.98	5.93	0.11	0.07	0.03	0.081	0.06	63.7	59.4	0.43	761	2.47	0.01
E840724		2.52	43.8	3.97	5.80	0.10	0.07	0.03	0.052	0.08	49.5	36.6	0.61	668	2.12	0.01
E840725		3.79	33.0	4.46	7.12	0.06	0.03	0.02	0.054	0.05	41.9	27.2	0.26	230	4.11	0.01
E840726		1.36	20.9	3.43	5.88	0.05	0.02	0.04	0.034	0.06	14.9	21.4	0.29	273	2.04	0.01
E840727		5.63	142.0	3.47	6.36	0.17	0.07	0.03	0.026	0.05	98.6	24.6	0.65	523	1.99	0.01
E840728		<0.05	0.9	0.01	0.06	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.2	<0.01	<5	<0.05	0.01
E840729		1.43	22.5	3.38	6.23	0.07	0.02	0.03	0.038	0.05	16.9	19.9	0.41	889	3.36	0.01
E840730		2.85	1.4	3.34	4.28	0.16	0.04	0.01	0.008	0.03	84.6	23.9	1.03	219	0.77	0.01
E840731		3.54	3.9	3.28	6.27	0.24	0.08	0.03	0.012	0.04	117.5	26.0	1.27	366	1.16	0.01
E840732		3.44	3.6	3.16	6.10	0.23	0.08	0.02	0.013	0.04	114.5	25.7	1.24	363	1.13	0.01
E840733		6.28	5.6	3.19	6.65	0.20	0.08	0.06	0.020	0.03	132.5	24.5	0.75	454	0.92	0.01
E840734		3.77	5.0	2.54	4.46	0.10	0.02	0.03	0.010	0.03	44.8	15.5	0.47	155	0.56	0.01
E840735		3.22	6.2	2.33	4.33	0.07	<0.02	0.07	0.010	0.02	30.3	11.8	0.36	123	0.78	0.01
E840736		4.75	6.2	2.80	5.49	0.14	0.06	0.03	0.011	0.03	78.8	20.6	0.59	173	0.66	0.01
E840737		5.71	1.8	3.47	5.36	0.17	0.05	0.02	0.010	0.03	77.2	31.3	0.81	449	0.26	0.01
E840738		3.41	2.9	2.48	4.41	0.09	0.06	0.05	0.008	0.02	46.0	19.2	0.54	148	0.29	<0.01
E840739		2.30	18.6	3.93	5.89	0.14	0.06	0.02	0.007	0.03	42.0	31.1	0.96	332	0.65	0.01
E840740		2.10	8.9	4.13	6.80	0.10	0.10	0.04	0.012	0.03	23.0	24.7	0.77	306	1.55	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840701		0.87	191.0	930	55.4	8.6	<0.001	0.17	4.74	3.6	3.4	0.4	46.0	0.03	0.22	42.3
E840702		1.19	149.5	1190	55.8	8.5	0.001	0.17	4.54	3.9	3.6	0.5	32.7	0.03	0.31	43.4
E840703		1.04	84.7	880	23.5	9.1	<0.001	0.07	1.25	3.4	2.4	0.4	14.2	0.02	0.12	14.0
E840704		0.99	162.0	990	43.7	9.1	<0.001	0.17	4.26	5.0	3.1	0.4	39.1	0.03	0.24	27.3
E840705		0.77	45.8	1000	15.8	13.4	<0.001	0.09	1.81	2.4	1.5	0.5	13.3	0.01	0.13	15.5
E840706		1.57	57.0	1680	89.4	9.6	<0.001	0.23	4.98	4.5	3.8	0.5	78.2	0.03	0.50	35.7
E840707		1.18	43.4	1150	55.9	7.8	<0.001	0.14	2.46	3.2	2.8	0.5	62.6	0.03	0.33	9.9
E840708		1.66	21.5	860	34.4	7.3	<0.001	0.08	1.94	2.5	1.7	0.6	13.1	0.01	0.24	6.9
E840709		1.64	12.9	770	24.3	6.7	<0.001	0.04	1.37	2.3	1.5	0.5	6.9	0.01	0.36	13.9
E840710		2.01	24.5	800	25.3	7.9	<0.001	0.09	1.39	3.0	1.3	0.4	18.4	0.03	0.15	13.5
E840711		1.38	25.9	590	23.1	8.1	<0.001	0.05	1.16	2.1	1.0	0.6	18.4	0.01	0.10	5.3
E840712		1.47	21.5	1040	28.4	11.8	<0.001	0.06	1.92	3.8	1.4	0.5	14.0	0.02	0.25	22.6
E840713		1.23	33.5	750	30.6	10.5	<0.001	0.09	2.01	3.5	1.5	0.5	42.4	0.02	0.26	11.6
E840714		1.20	52.8	660	21.6	11.7	<0.001	0.07	1.49	3.0	1.3	0.5	31.0	0.02	0.15	11.7
E840715		1.06	21.3	700	22.8	12.9	<0.001	0.06	1.76	2.6	1.0	0.6	17.7	0.01	0.16	8.8
E840716		0.93	42.5	610	18.9	9.7	<0.001	0.06	1.41	2.5	1.0	0.5	12.6	0.01	0.10	5.6
E840717		1.17	33.8	410	25.7	10.5	<0.001	0.03	1.40	2.8	0.8	0.5	15.7	0.01	0.09	9.7
E840718		1.15	26.7	490	21.6	13.2	<0.001	0.03	1.73	2.7	0.8	0.6	20.0	0.01	0.11	10.7
E840719		0.80	33.7	1170	36.7	14.5	<0.001	0.10	2.21	3.1	1.2	0.6	30.2	0.01	0.16	7.6
E840720		1.01	86.2	1140	31.9	10.1	0.001	0.10	2.82	4.1	1.9	0.5	32.6	0.01	0.20	14.8
E840721		1.75	44.3	1040	25.0	9.5	<0.001	0.20	2.51	4.4	1.9	0.6	272.0	0.02	0.20	18.5
E840722		1.22	44.1	1110	37.0	11.8	<0.001	0.14	2.96	4.8	2.1	0.5	47.3	0.02	0.22	21.0
E840723		1.10	47.9	470	22.6	14.8	<0.001	0.03	1.41	4.8	1.2	0.5	18.5	0.02	0.10	15.6
E840724		0.85	30.5	530	18.3	15.9	<0.001	0.03	1.52	3.9	0.9	0.5	15.8	0.01	0.08	13.4
E840725		1.13	14.2	380	25.7	13.3	<0.001	0.03	2.65	2.4	0.7	0.7	12.6	0.01	0.13	12.6
E840726		0.84	16.3	480	18.8	10.4	<0.001	0.03	1.09	2.0	0.5	0.5	10.0	<0.01	0.09	3.3
E840727		0.26	25.6	1080	7.9	12.8	<0.001	0.04	0.51	2.3	1.2	0.4	5.2	0.01	0.12	9.2
E840728		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	0.01	0.3
E840729		0.70	19.5	560	14.5	12.8	<0.001	0.03	0.70	2.7	0.6	0.5	8.6	<0.01	0.11	2.9
E840730		<0.05	30.8	680	2.4	4.2	<0.001	<0.01	0.19	2.1	0.4	0.3	3.2	<0.01	0.06	21.4
E840731		0.05	40.4	580	2.4	5.8	<0.001	0.01	0.30	2.8	0.7	0.3	3.6	<0.01	0.06	21.1
E840732		0.05	38.3	550	2.3	5.7	<0.001	0.01	0.24	2.7	0.7	0.3	3.4	<0.01	0.05	20.5
E840733		0.15	33.7	850	4.6	6.5	<0.001	0.04	0.67	3.4	1.0	0.4	3.3	<0.01	0.05	20.8
E840734		0.17	23.3	740	4.1	5.5	<0.001	0.03	0.30	1.4	0.5	0.3	2.7	<0.01	0.04	7.3
E840735		0.19	18.8	910	4.5	4.8	<0.001	0.06	0.32	1.2	0.7	0.3	2.7	<0.01	0.05	4.0
E840736		0.20	29.2	640	4.6	8.0	<0.001	0.02	0.34	2.0	0.6	0.3	3.3	<0.01	0.05	9.2
E840737		0.05	37.4	510	3.6	4.8	<0.001	<0.01	0.41	2.6	0.6	0.3	2.2	<0.01	0.06	22.6
E840738		0.08	27.4	880	2.5	4.5	<0.001	0.04	0.22	1.7	0.6	0.2	1.7	<0.01	0.06	8.8
E840739		<0.05	42.4	620	2.4	4.0	<0.001	0.01	0.24	2.4	0.5	0.2	1.9	<0.01	0.07	15.3
E840740		0.20	37.3	850	4.0	5.1	<0.001	0.02	0.31	2.1	0.5	0.3	2.1	<0.01	0.06	10.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 5-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840701		0.027	0.15	7.92	25	0.39	76.00	566	2.0
E840702		0.030	0.21	8.27	35	0.49	67.00	434	2.4
E840703		0.027	0.16	4.09	35	0.26	39.20	208	2.4
E840704		0.035	0.19	5.65	32	0.35	60.70	572	1.7
E840705		0.023	0.17	5.82	40	0.20	14.45	225	0.8
E840706		0.039	0.27	7.36	31	3.56	38.00	335	1.0
E840707		0.037	0.21	2.72	44	1.60	24.20	211	0.9
E840708		0.037	0.15	1.88	51	0.74	15.20	125	<0.5
E840709		0.018	0.11	1.37	42	1.65	5.99	91	1.1
E840710		0.034	0.10	1.63	37	0.21	7.73	97	1.1
E840711		0.034	0.11	1.13	51	0.28	6.81	93	<0.5
E840712		0.035	0.13	2.70	29	0.33	19.25	161	0.5
E840713		0.041	0.19	2.11	46	0.28	13.20	157	1.0
E840714		0.029	0.21	1.88	40	0.26	13.65	215	1.4
E840715		0.023	0.16	1.65	47	0.18	9.82	126	<0.5
E840716		0.039	0.14	1.63	41	1.49	13.20	149	<0.5
E840717		0.033	0.17	1.31	44	0.26	9.08	120	0.9
E840718		0.030	0.16	1.71	41	0.25	13.00	130	0.6
E840719		0.030	0.20	2.36	39	0.26	16.50	244	<0.5
E840720		0.038	0.14	3.43	34	0.44	27.60	412	<0.5
E840721		0.043	0.28	3.62	25	0.17	24.30	297	0.8
E840722		0.035	0.14	4.00	32	0.37	28.30	275	1.0
E840723		0.028	0.15	2.10	37	0.28	18.55	255	1.3
E840724		0.028	0.15	2.32	34	0.22	15.10	121	1.2
E840725		0.020	0.17	1.65	42	0.26	8.33	115	0.6
E840726		0.026	0.11	0.80	49	0.19	3.72	85	<0.5
E840727		0.018	0.10	5.13	32	0.13	18.05	43	0.6
E840728		<0.005	<0.02	0.09	<1	<0.05	0.61	3	<0.5
E840729		0.037	0.11	1.56	51	0.22	5.05	55	<0.5
E840730		0.032	0.03	2.09	32	0.37	7.47	33	0.9
E840731		0.015	0.06	1.85	23	0.24	12.15	35	1.4
E840732		0.014	0.04	1.80	23	0.22	11.90	34	1.4
E840733		0.013	0.07	2.22	28	0.13	16.20	46	1.3
E840734		0.019	0.05	2.18	25	0.07	2.46	19	<0.5
E840735		0.016	0.05	1.87	26	0.08	2.12	19	<0.5
E840736		0.017	0.06	2.96	26	0.07	4.67	21	1.1
E840737		0.023	0.05	3.21	27	0.06	6.00	21	1.0
E840738		0.012	0.04	1.75	19	<0.05	2.73	13	1.2
E840739		0.015	0.02	3.87	21	<0.05	3.72	12	1.3
E840740		0.016	0.04	2.26	27	0.06	2.62	17	2.3

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840741		0.44	0.008	0.02	1.76	2.4	<0.2	<10	40	0.84	0.20	0.21	0.03	37.70	50.8	28
E840742		0.50	0.008	0.02	1.13	2.2	<0.2	<10	30	1.18	0.19	0.12	0.03	148.50	21.3	20
E840743		0.48	0.011	0.03	2.06	2.9	<0.2	<10	60	2.06	0.33	0.12	0.01	154.50	18.8	30
E840744		0.52	<0.005	0.01	0.52	3.2	<0.2	<10	90	0.84	0.27	0.36	0.01	42.50	30.8	7
E840745		0.48	<0.005	0.04	0.45	3.1	<0.2	<10	40	0.25	0.12	0.01	0.03	29.60	13.9	8
E840746		0.58	0.013	0.02	0.26	5.1	<0.2	<10	80	0.44	0.32	0.12	0.01	79.80	50.8	5
E840901		0.26	0.013	0.09	1.58	24.3	<0.2	<10	80	0.87	0.86	0.03	0.14	51.80	19.9	19
E840902		0.22	0.013	0.05	1.63	36.6	<0.2	<10	130	0.93	1.09	0.05	0.05	37.30	21.1	22
E840903		0.26	<0.005	0.05	2.15	36.3	<0.2	<10	140	1.36	0.95	0.04	0.10	36.20	28.5	26
E840904		0.28	0.009	0.08	1.06	27.9	<0.2	<10	50	0.30	0.90	0.03	0.05	36.90	10.0	16
E840905		0.22	<0.005	0.11	2.06	41.7	<0.2	<10	120	2.31	1.28	0.06	0.18	90.30	79.6	22
E840906		0.24	0.005	0.10	1.00	20.3	<0.2	<10	70	0.33	0.81	0.05	0.19	28.50	11.5	14
E840907		0.22	0.029	0.04	1.42	19.3	<0.2	<10	110	0.79	0.66	0.09	0.12	42.50	25.2	20
E840908		0.10	NSS	0.15	0.57	13.3	<0.2	<10	180	0.29	1.03	0.45	0.97	12.55	21.5	7
E840909		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.13	0.1	<1
E840910		0.14	<0.005	0.10	1.23	40.9	<0.2	<10	230	0.79	0.86	0.45	0.25	26.70	39.2	15
E840911		0.16	0.008	0.11	2.41	53.2	<0.2	<10	360	1.78	1.21	0.50	0.15	37.60	38.7	25

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063151

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840741		1.74	19.8	4.39	5.12	0.10	0.11	0.02	0.011	0.04	17.0	26.4	1.03	762	1.79	0.01
E840742		1.66	18.7	3.58	3.92	0.13	0.05	0.02	0.009	0.02	47.9	21.2	0.53	1020	1.75	0.01
E840743		5.75	4.9	4.05	6.73	0.19	0.07	0.03	0.008	0.03	76.2	44.0	1.12	420	2.90	0.01
E840744		1.68	62.7	3.16	2.23	0.08	0.17	0.01	0.044	0.04	20.2	7.5	0.25	5130	3.04	<0.01
E840745		1.31	142.5	2.08	3.03	0.05	0.03	0.02	0.019	0.03	14.1	3.2	0.05	554	1.94	0.01
E840746		0.62	68.8	1.72	1.26	0.09	0.05	0.02	0.012	0.05	40.7	3.4	0.10	603	3.87	<0.01
E840901		1.24	45.6	4.43	7.52	0.08	0.04	0.06	0.046	0.05	26.3	15.9	0.38	839	3.08	0.01
E840902		2.42	64.7	3.69	7.19	0.07	0.05	0.03	0.050	0.06	19.0	13.9	0.41	504	3.95	0.01
E840903		2.09	58.7	4.14	7.08	0.07	0.08	0.04	0.056	0.08	16.9	24.4	0.59	1120	2.41	0.01
E840904		1.50	39.4	3.18	7.65	0.07	<0.02	0.04	0.036	0.04	17.8	4.9	0.20	388	3.89	0.01
E840905		1.51	126.0	4.34	6.28	0.14	0.12	0.06	0.063	0.07	45.1	31.1	0.76	2450	2.09	0.01
E840906		1.39	33.1	2.62	6.03	0.05	<0.02	0.10	0.031	0.05	14.6	4.5	0.22	440	4.50	0.01
E840907		1.31	31.9	3.69	6.47	0.08	0.02	0.06	0.036	0.07	21.2	18.2	0.79	1450	1.97	0.01
E840908		0.66	31.8	1.79	2.53	<0.05	0.02	0.30	0.046	0.08	6.3	4.5	0.27	3410	1.58	0.03
E840909		<0.05	0.6	0.02	0.10	<0.05	<0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	15	<0.05	<0.01
E840910		1.02	63.6	2.97	4.67	0.06	0.04	0.06	0.048	0.09	12.8	14.2	0.69	1750	5.31	0.02
E840911		1.58	127.0	5.18	7.62	0.09	0.09	0.09	0.094	0.09	19.2	30.7	1.36	2150	6.47	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840741		0.06	39.0	670	2.8	4.1	<0.001	0.03	0.33	3.8	0.7	0.2	2.3	<0.01	0.11	11.9
E840742		0.07	35.0	800	3.4	3.5	<0.001	<0.01	0.33	1.6	0.4	0.2	2.8	<0.01	0.08	18.5
E840743		0.05	46.9	640	4.5	5.7	<0.001	0.01	0.56	2.6	0.6	0.3	2.4	<0.01	0.13	29.6
E840744		<0.05	31.8	520	2.9	4.3	<0.001	0.02	0.32	2.6	0.5	<0.2	5.0	<0.01	0.24	25.6
E840745		0.10	7.0	900	4.0	8.4	<0.001	0.02	0.20	0.9	0.4	0.2	2.9	<0.01	0.09	1.8
E840746		<0.05	14.0	540	2.1	4.7	<0.001	0.07	0.18	1.2	0.5	<0.2	9.0	<0.01	0.69	13.7
E840901		0.53	22.2	790	7.0	12.3	<0.001	0.06	0.79	2.2	1.1	0.5	3.9	<0.01	0.15	7.0
E840902		0.53	20.2	960	10.3	13.1	<0.001	0.06	1.00	1.8	1.0	0.5	5.3	<0.01	0.12	3.2
E840903		0.73	23.0	820	11.1	17.5	<0.001	0.05	0.77	2.3	0.8	0.5	5.6	<0.01	0.10	6.4
E840904		0.69	12.7	610	10.5	9.6	<0.001	0.05	1.15	1.4	0.8	0.7	4.6	<0.01	0.12	1.0
E840905		0.76	48.7	630	8.9	9.1	<0.001	0.02	0.90	3.3	1.1	0.3	6.1	0.01	0.11	11.8
E840906		0.27	12.1	1140	7.5	14.5	<0.001	0.11	0.94	0.8	1.0	0.6	4.2	<0.01	0.12	0.5
E840907		0.24	22.8	690	7.4	16.3	<0.001	0.04	0.71	1.8	0.8	0.5	4.9	<0.01	0.10	2.9
E840908		0.24	11.5	1240	9.3	9.7	<0.001	0.16	0.66	1.7	0.9	0.3	8.9	<0.01	0.06	2.3
E840909		<0.05	0.3	20	0.4	0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	0.5	<0.01	<0.01	0.3
E840910		0.35	21.9	1240	11.0	13.1	<0.001	0.13	0.73	1.6	1.1	0.3	10.2	<0.01	0.14	1.3
E840911		0.49	41.4	1120	11.1	17.6	<0.001	0.07	0.83	5.0	1.4	0.5	11.0	0.01	0.21	5.2

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840741		0.027	0.02	3.74	24	0.08	4.79	12	2.7
E840742		0.019	0.02	3.27	19	0.24	4.51	15	1.3
E840743		0.022	0.04	6.24	23	0.06	10.35	23	1.4
E840744		<0.005	0.03	4.17	7	0.17	8.95	6	8.3
E840745		0.005	0.04	2.48	12	0.09	2.00	8	1.0
E840746		0.009	0.03	3.34	6	0.17	4.01	4	2.7
E840901		0.015	0.10	1.76	31	0.15	4.07	43	0.9
E840902		0.016	0.17	5.34	35	0.17	4.41	35	1.1
E840903		0.019	0.15	4.87	36	0.17	4.79	50	1.9
E840904		0.032	0.13	1.69	45	0.23	3.27	37	<0.5
E840905		0.017	0.10	3.54	25	0.14	17.10	57	2.4
E840906		0.015	0.13	2.09	36	0.20	3.61	34	<0.5
E840907		0.028	0.09	2.20	29	0.20	4.79	30	<0.5
E840908		0.011	0.10	1.26	13	0.08	4.27	42	0.6
E840909		<0.005	<0.02	0.09	<1	<0.05	0.52	2	<0.5
E840910		0.015	0.10	2.71	22	0.17	4.97	52	0.8
E840911		0.027	0.13	3.72	34	0.20	15.35	44	1.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 3-JUL-2007
Account: EIAFRG

CERTIFICATE VA07063152

Project: Werneckes

P.O. No.: FRG07-01

This report is for 67 Soil samples submitted to our lab in Vancouver, BC, Canada on 19-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-22	Drying - Maximum Temp 60C
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07063152

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840101		0.34	0.041	1.08	1.30	171.0	<0.2	<10	620	0.95	8.64	0.49	0.04	132.00	160.5	19
E840102		0.28	NSS	0.16	1.26	76.3	<0.2	<10	350	0.74	2.46	0.13	0.07	98.30	66.5	25
E840103		0.42	NSS	1.31	2.97	535.0	<0.2	<10	340	3.16	8.94	0.21	0.35	73.90	83.3	27
E840104		0.30	0.010	1.26	7.84	3750.0	<0.2	<10	400	10.85	5.81	0.10	1.37	69.50	102.5	6
E840105		0.06	0.015	0.27	0.51	69.4	<0.2	<10	360	0.44	1.69	1.47	0.30	20.80	37.2	5
E840106		0.38	0.024	0.65	1.31	209.0	<0.2	<10	510	1.14	10.75	0.35	0.10	68.10	136.5	12
E840107		0.10	0.009	0.35	1.12	34.4	<0.2	<10	250	0.53	5.28	1.64	0.28	155.00	165.5	15
E840108		0.24	0.063	0.25	0.68	9.9	<0.2	<10	1030	0.59	0.31	1.21	0.34	129.00	47.1	7
E840109		0.06	0.022	0.28	0.53	11.1	<0.2	<10	950	0.22	0.68	1.85	0.40	115.50	43.2	8
E840110		0.14	0.058	0.47	0.98	20.7	<0.2	<10	1040	0.82	0.93	1.05	0.31	154.00	88.7	10
E840111		0.24	0.020	0.24	1.09	27.7	<0.2	<10	470	1.15	0.86	0.76	0.17	134.50	73.8	12
E840112		0.14	0.039	0.32	0.94	62.9	<0.2	<10	520	0.70	1.97	0.76	0.26	99.80	81.8	14
E840113		0.32	0.089	0.73	1.27	183.5	<0.2	<10	710	1.05	7.35	0.86	0.24	85.10	179.5	12
E840114		0.22	0.005	0.41	1.16	69.3	<0.2	<10	300	0.76	1.87	0.66	0.29	76.30	35.9	12
E840115		0.26	0.005	0.96	0.92	91.2	<0.2	<10	160	0.78	2.75	0.29	1.19	54.70	36.8	6
E840116		0.14	<0.005	0.84	1.19	117.5	<0.2	<10	80	0.82	3.48	0.15	0.55	63.70	29.1	10
E840117		0.30	0.071	1.51	1.14	286.0	<0.2	<10	430	1.04	6.17	1.63	1.07	72.00	88.7	9
E840118		0.08	<0.005	0.53	0.57	63.0	<0.2	<10	190	0.39	2.01	1.10	0.56	21.90	24.8	5
E840119		0.18	0.019	1.78	0.73	1420.0	<0.2	<10	40	0.36	26.50	1.17	0.28	20.90	165.0	4
E840120		0.08	<0.005	0.68	0.73	125.0	<0.2	<10	80	0.40	2.32	1.13	0.39	78.00	38.3	6
E840121		0.16	<0.005	0.76	2.32	849.0	<0.2	<10	270	1.17	117.00	0.23	0.56	169.00	397.0	17
E840122		0.26	0.017	2.60	1.29	803.0	<0.2	<10	130	0.91	22.70	0.29	0.57	44.10	169.5	8
E840123		0.24	<0.005	0.36	1.98	164.0	<0.2	<10	100	0.80	2.13	0.67	0.27	265.00	59.1	30
E840124		0.12	0.010	0.41	0.43	74.9	<0.2	<10	200	0.18	4.95	0.30	0.36	31.50	17.8	6
E840125		0.06	0.005	0.46	0.54	54.9	<0.2	<10	70	0.34	1.16	1.62	2.46	46.00	18.0	6
E840126		0.14	<0.005	0.69	1.47	106.5	<0.2	<10	150	0.85	1.99	0.21	2.27	66.70	40.5	18
E840127		0.10	NSS	0.37	0.72	40.0	<0.2	<10	130	0.45	0.56	1.05	0.92	44.50	11.5	7
E840128		0.10	<0.005	0.37	0.68	164.0	<0.2	<10	40	0.60	2.48	2.54	0.62	22.90	21.6	6
E840129		0.04	<0.005	1.40	0.53	20.1	<0.2	<10	280	0.46	1.58	1.58	1.28	14.55	10.3	4
E840130		0.20	<0.005	0.75	1.64	112.0	<0.2	<10	100	1.09	4.71	0.16	0.26	53.60	40.9	13
E840131		0.26	0.014	1.18	1.49	87.3	<0.2	<10	110	1.20	7.51	0.04	0.25	49.80	35.9	12
E840132		0.18	<0.005	1.10	1.36	38.7	<0.2	<10	80	0.91	1.81	0.16	0.22	63.50	19.7	16
E840133		0.06	0.040	0.78	0.61	25.2	<0.2	<10	130	0.45	1.03	0.72	0.62	20.60	19.3	9
E840134		0.12	0.010	1.32	0.95	41.6	<0.2	<10	220	0.53	1.06	0.45	2.76	25.20	32.6	13
E840135		0.08	<0.005	0.83	0.43	24.9	<0.2	<10	150	0.39	0.61	1.51	1.26	45.80	21.6	5
E840136		0.04	0.026	0.26	0.34	38.3	<0.2	<10	50	0.40	0.99	2.75	0.35	16.55	16.6	4
E840137		0.24	0.014	0.79	1.12	318.0	<0.2	<10	130	1.16	5.69	5.76	0.61	27.40	41.5	6
E840138		0.22	0.012	1.85	1.20	257.0	<0.2	<10	170	1.99	5.19	1.98	0.37	48.60	65.8	6
E840139		0.30	0.077	0.94	1.37	281.0	<0.2	<10	1310	2.10	5.58	0.93	1.11	83.30	110.5	11
E840140		0.20	0.020	0.53	1.35	101.0	<0.2	<10	240	0.75	3.81	0.29	0.20	51.40	235.0	21

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 3-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063152

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840101		2.34	212.0	12.25	6.31	0.23	0.14	0.13	0.154	0.17	94.6	17.7	0.58	7450	95.20	0.09
E840102		2.28	58.8	6.24	8.21	0.10	0.02	0.03	0.063	0.14	60.6	21.5	0.57	1105	8.11	0.10
E840103		3.31	315.0	8.02	7.84	0.15	0.09	0.25	0.160	0.09	36.6	69.0	2.52	1900	14.05	0.02
E840104		4.64	497.0	8.47	2.17	0.15	0.23	0.12	0.353	0.10	29.4	45.4	0.24	2850	13.00	0.03
E840105		0.71	91.3	2.61	1.61	<0.05	0.05	0.13	0.057	0.05	8.9	3.3	0.18	3590	7.22	0.02
E840106		0.77	408.0	9.81	4.12	0.14	0.15	0.11	0.120	0.20	36.3	22.0	0.58	7370	34.30	0.03
E840107		0.63	53.4	7.07	4.23	0.15	0.14	0.19	0.144	0.04	112.0	10.3	0.49	11950	23.40	0.02
E840108		0.38	52.7	6.17	2.69	0.15	0.14	0.11	0.106	0.05	83.9	3.9	0.21	13000	6.06	0.01
E840109		0.36	42.8	2.95	2.82	0.07	0.09	0.15	0.053	0.06	33.6	2.1	0.20	9620	16.30	0.01
E840110		0.71	42.0	10.15	3.93	0.21	0.15	0.19	0.296	0.05	99.6	7.7	0.34	24700	11.80	0.01
E840111		0.65	46.1	7.22	3.98	0.20	0.15	0.12	0.148	0.06	114.0	8.7	0.30	9180	12.90	0.01
E840112		0.65	240.0	6.54	3.59	0.14	0.10	0.18	0.116	0.06	75.6	10.2	0.32	5520	20.00	0.01
E840113		1.96	318.0	8.62	4.21	0.15	0.10	0.05	0.123	0.06	45.4	25.5	0.84	7660	17.80	0.03
E840114		0.75	86.3	5.34	3.93	0.12	0.11	0.08	0.092	0.05	47.6	17.8	0.51	6530	3.93	0.01
E840115		0.78	106.0	5.14	2.54	0.09	0.12	0.03	0.078	0.06	26.3	17.4	0.44	6820	3.36	0.01
E840116		1.40	95.7	6.02	4.38	0.11	0.04	0.07	0.108	0.06	37.9	18.0	0.26	2500	7.46	0.01
E840117		1.47	517.0	7.64	3.51	0.12	0.08	0.08	0.150	0.11	40.8	24.4	1.11	5590	19.05	0.02
E840118		0.84	118.5	3.82	2.04	0.06	0.06	0.13	0.037	0.09	10.5	7.6	0.35	2620	7.96	0.01
E840119		0.63	537.0	8.60	1.87	0.11	0.11	0.04	0.205	0.04	9.6	15.0	0.58	6060	8.65	0.01
E840120		1.47	93.4	3.19	2.45	0.07	0.08	0.13	0.053	0.12	23.8	16.3	0.52	4810	4.28	0.01
E840121		8.92	695.0	12.65	10.20	0.21	0.02	0.11	0.876	0.20	38.6	33.3	0.41	29000	6.04	0.01
E840122		1.91	641.0	8.50	3.90	0.13	0.12	0.06	0.330	0.18	21.4	24.1	0.42	7480	11.00	0.01
E840123		2.96	93.7	6.94	7.34	0.23	0.08	0.08	0.093	0.10	120.0	26.7	0.46	8940	1.96	0.01
E840124		1.57	89.2	2.95	3.49	0.05	<0.02	0.08	0.048	0.10	13.2	2.5	0.12	4830	2.57	0.01
E840125		0.68	172.5	2.29	1.69	0.06	0.05	0.15	0.074	0.08	25.4	6.6	0.34	3240	1.69	0.01
E840126		3.45	64.4	4.17	6.02	0.09	<0.02	0.13	0.121	0.10	24.6	18.3	0.57	3940	1.63	0.01
E840127		0.93	32.9	3.26	1.91	0.07	0.06	0.07	0.044	0.07	32.4	7.6	0.31	3350	0.81	0.02
E840128		0.50	104.0	6.79	1.91	0.11	0.09	0.10	0.267	0.07	11.4	11.0	1.07	8630	4.60	0.02
E840129		0.43	42.4	1.50	1.34	<0.05	0.05	0.14	0.031	0.07	8.1	2.9	0.24	6170	1.38	0.02
E840130		2.22	234.0	6.59	4.32	0.11	0.04	0.05	0.094	0.07	26.4	32.9	0.42	5030	12.10	0.01
E840131		2.40	531.0	5.87	4.18	0.09	0.06	0.08	0.082	0.08	24.2	34.9	0.34	4040	13.45	0.01
E840132		1.39	68.3	4.14	4.74	0.08	0.05	0.06	0.041	0.09	27.8	24.4	0.41	1900	4.55	0.01
E840133		0.76	47.1	2.20	2.63	<0.05	0.02	0.14	0.033	0.11	10.4	6.7	0.23	3260	2.60	0.01
E840134		1.05	58.1	3.13	3.93	0.05	0.02	0.17	0.080	0.10	12.7	9.1	0.37	7250	2.92	0.01
E840135		0.40	47.6	1.51	1.57	0.05	0.04	0.22	0.029	0.10	20.1	3.3	0.29	4830	2.13	0.01
E840136		0.43	206.0	1.77	1.17	<0.05	0.05	0.12	0.043	0.11	10.4	4.6	0.37	2090	2.59	0.02
E840137		1.18	385.0	8.93	3.56	0.13	0.18	0.05	0.318	0.05	13.7	17.9	3.35	12650	10.40	0.02
E840138		3.05	373.0	7.41	2.96	0.12	0.26	0.06	0.162	0.10	25.5	35.1	0.60	8740	14.55	0.02
E840139		1.24	1210.0	9.56	3.49	0.16	0.14	0.06	0.203	0.06	58.8	24.0	0.53	9880	19.10	0.02
E840140		0.95	140.0	10.40	5.04	0.17	0.09	0.08	0.075	0.06	31.5	21.1	0.52	5190	19.20	0.03

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063152

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840101	0.29	66.0	1940	23.7	11.4	0.001	0.79	2.30	14.7	2.6	0.6	13.0	0.01	1.10	12.9
E840102	0.18	25.1	1680	14.5	11.3	<0.001	0.54	1.65	2.9	1.6	0.6	11.2	<0.01	0.40	2.3
E840103	0.09	58.0	1370	74.8	7.2	0.001	0.20	8.36	8.5	1.6	0.6	12.2	<0.01	0.29	24.2
E840104	0.06	412.0	1790	42.2	8.6	0.001	0.49	8.73	8.6	1.6	<0.2	14.9	0.01	0.15	34.5
E840105	0.14	10.9	1710	8.5	4.1	<0.001	0.27	0.72	1.9	1.2	0.2	13.0	<0.01	0.06	1.1
E840106	0.18	54.5	2160	20.3	11.1	0.002	0.48	2.20	6.3	1.9	0.3	13.6	0.01	0.46	9.2
E840107	0.17	24.9	2270	8.7	5.3	0.002	0.33	0.81	8.1	2.2	0.4	14.1	0.01	0.41	5.0
E840108	0.16	29.9	2000	6.2	7.2	0.001	0.14	0.61	3.8	1.6	0.3	15.4	0.01	0.26	4.5
E840109	0.21	12.9	2660	10.4	5.2	<0.001	0.29	0.71	2.1	1.7	0.3	26.1	0.01	0.29	2.4
E840110	0.17	45.5	1460	11.1	7.9	<0.001	0.12	1.27	6.2	2.7	0.3	27.4	0.01	0.30	4.9
E840111	0.12	28.2	1920	12.6	9.6	<0.001	0.13	1.10	4.8	2.2	0.3	13.3	0.01	0.25	5.7
E840112	0.24	34.0	1610	20.5	7.0	0.001	0.18	1.86	5.3	2.5	0.4	11.6	0.01	0.36	5.5
E840113	0.11	86.5	880	29.8	5.5	0.001	0.29	2.73	10.9	1.5	0.2	9.4	0.01	0.42	11.2
E840114	0.12	37.4	1100	21.2	6.2	<0.001	0.10	1.65	6.1	1.6	0.3	8.0	0.01	0.14	4.4
E840115	0.13	36.2	640	87.6	5.9	<0.001	0.06	2.60	3.1	1.2	0.2	6.3	0.01	0.21	6.8
E840116	0.28	26.5	830	81.6	11.0	<0.001	0.06	3.97	2.3	1.2	0.4	5.9	<0.01	0.35	4.4
E840117	0.17	72.5	1110	83.2	8.1	0.001	0.32	7.64	3.8	1.9	0.4	16.0	0.01	0.43	9.8
E840118	0.19	38.5	1310	52.5	9.0	<0.001	0.18	4.22	1.2	1.5	0.2	12.7	<0.01	0.33	2.2
E840119	0.07	53.4	540	45.4	4.3	<0.001	0.34	4.70	5.2	1.9	0.3	12.9	<0.01	0.40	5.4
E840120	0.22	28.2	2010	21.4	17.9	<0.001	0.22	3.12	1.4	1.5	0.2	18.5	<0.01	0.57	2.1
E840121	0.77	120.5	1150	29.4	35.8	<0.001	0.08	10.20	6.2	1.7	0.7	15.2	0.01	0.18	3.5
E840122	0.25	58.5	1260	112.0	16.9	<0.001	0.27	7.10	3.0	1.9	0.3	17.4	0.01	0.36	6.3
E840123	0.43	54.9	1550	14.6	15.7	<0.001	0.07	2.29	4.3	1.5	0.4	18.3	0.01	0.17	7.3
E840124	0.16	14.6	1200	38.4	13.4	<0.001	0.10	3.29	0.7	0.8	0.5	9.3	<0.01	0.15	0.3
E840125	0.13	17.8	1160	33.5	6.8	<0.001	0.18	1.67	1.6	1.2	0.2	16.9	<0.01	0.06	3.2
E840126	0.33	29.7	1650	186.5	18.5	<0.001	0.15	5.12	1.2	1.3	0.4	10.5	<0.01	0.12	1.4
E840127	0.14	16.7	1830	52.1	7.6	<0.001	0.17	1.55	1.9	1.2	<0.2	19.2	0.01	0.08	2.8
E840128	0.13	22.7	1230	23.6	3.0	<0.001	0.16	2.22	2.1	1.5	<0.2	16.7	0.01	0.10	4.4
E840129	0.15	12.6	2230	14.3	3.2	<0.001	0.30	1.12	1.0	1.4	<0.2	21.1	0.01	0.08	0.9
E840130	0.20	62.2	1330	57.6	12.3	<0.001	0.06	6.97	2.0	2.0	0.3	8.7	0.01	0.38	2.5
E840131	0.21	59.8	1240	39.0	14.4	<0.001	0.08	5.88	1.5	1.8	0.3	6.2	<0.01	0.40	3.4
E840132	0.11	24.8	1190	10.9	11.5	<0.001	0.14	2.49	2.8	0.8	0.2	7.3	<0.01	0.14	7.4
E840133	0.16	17.5	2000	11.8	8.3	<0.001	0.22	1.64	1.5	1.0	0.2	15.0	<0.01	0.09	2.2
E840134	0.19	23.7	2180	58.7	12.3	<0.001	0.23	1.78	1.2	1.2	0.3	14.7	<0.01	0.13	1.0
E840135	0.10	17.0	2070	8.9	4.0	<0.001	0.27	1.06	2.0	1.3	<0.2	21.1	<0.01	0.08	2.3
E840136	0.05	19.3	1460	5.7	4.3	<0.001	0.25	1.76	2.2	1.3	<0.2	15.7	<0.01	0.06	2.1
E840137	0.12	54.2	860	39.3	4.6	<0.001	0.07	6.89	5.0	1.4	<0.2	31.7	0.01	0.13	6.4
E840138	0.18	80.2	1190	25.9	9.1	0.001	0.25	8.66	3.9	2.3	0.2	15.7	0.01	0.51	8.7
E840139	0.43	115.0	1460	29.7	6.6	0.002	0.25	4.09	6.9	2.0	0.4	16.3	0.01	0.46	9.1
E840140	0.37	69.6	1720	12.5	6.2	<0.001	0.27	3.58	8.7	2.1	0.3	13.7	0.01	0.88	11.8

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063152

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840101		0.010	7.32	11.10	67	1.04	27.30	43	4.5
E840102		0.013	0.18	2.46	61	0.28	3.88	40	0.5
E840103		0.008	1.17	13.50	35	0.28	10.60	195	4.0
E840104		<0.005	0.16	49.10	10	0.15	26.10	401	11.0
E840105		0.007	0.14	2.53	16	0.22	5.41	65	1.4
E840106		0.006	1.49	10.50	28	0.55	19.65	52	4.7
E840107		0.008	0.14	4.76	29	0.32	24.00	42	3.2
E840108		0.012	0.07	3.12	15	0.27	25.00	43	3.5
E840109		0.012	0.15	1.84	17	0.11	6.28	85	2.4
E840110		0.010	0.13	4.61	28	0.22	31.70	49	3.8
E840111		0.006	0.11	7.83	26	0.34	31.50	49	3.7
E840112		0.007	0.18	10.55	28	0.59	20.90	111	2.4
E840113		<0.005	1.09	4.09	23	0.32	23.60	106	2.9
E840114		0.007	0.18	1.53	22	0.11	26.40	80	2.3
E840115		0.005	0.20	1.69	9	0.09	20.20	454	3.1
E840116		0.010	0.40	2.85	23	0.20	12.30	445	0.8
E840117		<0.005	2.65	8.40	25	1.47	18.65	547	2.4
E840118		0.008	0.25	1.39	10	0.09	7.34	272	2.0
E840119		<0.005	1.62	1.91	9	0.24	13.95	149	3.4
E840120		0.012	0.35	1.63	11	0.10	12.60	130	2.5
E840121		0.043	0.69	2.40	29	0.13	9.81	93	0.5
E840122		0.008	0.52	3.74	14	0.13	20.10	218	3.0
E840123		0.027	0.15	1.40	35	0.14	23.80	58	1.1
E840124		0.010	0.17	0.91	18	0.08	2.59	186	<0.5
E840125		0.006	0.11	1.60	8	0.08	9.43	310	1.2
E840126		0.017	0.38	1.55	26	0.10	6.40	510	<0.5
E840127		0.008	0.09	0.75	9	0.08	18.50	216	1.3
E840128		<0.005	0.17	4.05	11	0.20	11.50	298	2.9
E840129		0.008	0.22	0.94	5	0.06	10.10	171	1.6
E840130		0.011	0.36	2.42	24	0.18	13.10	212	0.9
E840131		0.009	0.43	2.07	20	0.13	8.85	203	1.7
E840132		<0.005	0.10	2.10	18	0.06	4.40	91	1.3
E840133		0.007	0.10	3.23	12	<0.05	3.40	154	0.8
E840134		0.009	0.18	1.94	18	0.06	5.48	722	<0.5
E840135		0.005	0.12	2.32	8	<0.05	4.13	310	1.2
E840136		<0.005	0.04	2.79	7	<0.05	7.06	153	1.5
E840137		<0.005	0.15	2.86	18	0.33	20.30	279	5.5
E840138		<0.005	1.02	6.01	13	0.26	26.90	189	8.7
E840139		0.010	2.96	46.50	35	1.59	25.40	530	4.1
E840140		0.012	1.14	8.86	57	0.71	16.50	50	2.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063152

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840141		0.28	0.016	0.24	1.92	69.1	<0.2	<10	950	1.24	1.94	0.32	0.18	158.50	51.5	28
E840142		0.24	0.267	1.82	1.71	204.0	0.2	<10	270	2.13	5.33	0.33	0.17	50.60	170.5	20
E840143		0.20	0.024	1.81	1.91	172.5	<0.2	<10	200	1.87	12.80	0.31	0.13	46.10	134.0	26
E840144		0.26	0.025	0.64	2.05	176.0	<0.2	<10	110	1.07	10.50	0.02	0.03	64.50	15.6	34
E840145		0.26	0.031	0.98	1.64	138.0	<0.2	<10	80	0.86	7.38	0.02	0.07	60.20	11.6	30
E840146		0.14	0.016	0.85	0.93	56.8	<0.2	<10	1160	0.85	3.35	1.14	0.19	69.70	36.0	8
E840147		0.08	0.012	0.12	0.57	7.0	<0.2	<10	250	0.32	1.56	1.47	0.35	28.90	22.9	6
E840148		0.16	0.033	0.33	0.67	165.5	<0.2	<10	240	1.08	1.78	0.70	0.16	55.10	171.5	7
E840149		0.02	NSS	0.07	0.05	2.7	<0.2	<10	110	0.05	0.09	1.38	0.49	1.48	1.9	1
E840150		0.16	0.010	0.27	1.12	62.5	<0.2	<10	450	0.98	3.44	0.44	0.15	40.10	45.5	10
E840151		0.34	<0.005	0.07	1.55	1.3	<0.2	<10	50	1.81	0.28	0.13	0.01	318.00	11.9	22
E840157		0.04	<0.005	0.24	0.52	1.9	<0.2	<10	100	0.65	0.22	0.20	0.26	104.50	2.0	6
E840186		0.28	0.059	0.12	1.22	86.5	<0.2	<10	260	1.40	1.63	1.00	0.17	67.60	61.0	13
E840187		0.10	0.012	0.19	0.60	24.3	<0.2	<10	210	0.80	0.93	1.68	0.22	36.20	28.4	7
E840188		0.36	0.007	0.16	0.47	30.3	<0.2	<10	390	0.80	0.61	0.67	0.25	38.30	29.8	3
E840189		0.32	0.023	0.72	0.56	81.0	<0.2	<10	240	1.06	5.22	0.83	0.48	30.80	71.5	5
E840190		0.32	<0.005	0.63	0.73	81.2	<0.2	<10	450	0.91	2.48	0.81	0.58	38.80	72.0	5
E840191		0.32	<0.005	0.26	0.80	92.2	<0.2	<10	130	0.82	1.95	0.32	0.32	27.30	39.8	9
E840192		0.26	0.006	0.16	1.49	161.0	<0.2	<10	110	1.13	3.08	0.56	0.17	61.10	95.6	17
E840193		0.30	<0.005	0.22	0.82	62.0	<0.2	<10	170	0.87	1.57	0.68	0.18	87.20	39.8	10
E840194		0.26	0.015	0.77	0.90	189.5	<0.2	<10	170	1.38	82.20	1.14	0.65	32.00	37.9	9
E840195		0.14	0.005	0.16	1.01	18.5	<0.2	<10	420	0.48	1.62	1.31	0.25	84.10	33.8	12
E840196		0.28	0.030	0.26	1.41	123.0	<0.2	<10	170	0.95	2.18	0.64	0.52	138.50	47.6	15
E840197		0.36	0.007	0.29	0.55	57.9	<0.2	<10	100	0.65	0.49	0.69	0.85	45.70	21.3	4
E840198		0.36	<0.005	0.24	0.28	30.8	<0.2	<10	90	0.46	0.63	0.61	1.30	33.00	13.1	2
E840199		0.34	<0.005	0.19	0.31	17.7	<0.2	<10	290	0.46	0.28	0.68	1.13	37.50	10.9	2
E840200		0.22	<0.005	0.44	0.43	52.2	<0.2	<10	500	0.86	0.55	0.93	3.33	101.50	17.9	4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063152

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840141		0.78	153.5	7.01	8.84	0.22	0.14	0.07	0.133	0.09	121.5	27.0	0.84	6080	7.77	0.02
E840142		1.90	7850.0	20.50	5.38	0.31	0.16	0.11	0.444	0.05	26.3	20.5	0.66	12850	25.10	0.02
E840143		1.90	2500.0	14.40	6.17	0.20	0.18	0.11	0.311	0.08	23.7	31.2	0.84	10850	16.45	0.02
E840144		3.47	248.0	10.00	8.28	0.16	0.06	0.04	0.074	0.09	31.5	20.1	0.57	355	21.10	0.04
E840145		2.51	169.0	8.87	7.01	0.17	0.04	0.09	0.051	0.05	29.6	14.0	0.46	286	16.35	0.03
E840146		0.84	461.0	4.17	2.78	0.11	0.13	0.14	0.144	0.08	54.4	15.0	0.34	6120	4.02	0.01
E840147		0.50	21.6	3.23	1.98	0.06	0.08	0.17	0.078	0.06	12.7	4.4	0.22	6570	5.09	0.01
E840148		0.55	527.0	5.89	2.23	0.10	0.16	0.07	0.109	0.05	30.4	10.8	0.27	10000	28.50	0.01
E840149		0.18	19.7	0.17	0.16	<0.05	<0.02	0.15	<0.005	0.12	0.9	0.5	0.19	785	0.64	0.02
E840150		0.88	78.3	8.91	3.89	0.14	0.06	0.11	0.225	0.05	29.4	11.5	0.32	4710	7.98	0.01
E840151		4.89	14.4	3.25	5.90	0.30	0.06	0.01	0.011	0.05	172.5	55.8	0.77	655	0.58	0.01
E840157		1.16	19.9	0.84	1.92	0.09	0.02	0.09	0.015	0.05	65.2	2.6	0.07	111	0.78	0.02
E840186		1.38	139.0	5.32	3.64	0.09	0.12	0.08	0.148	0.05	32.0	24.4	0.50	6010	7.77	0.01
E840187		0.58	60.5	4.87	1.70	0.08	0.11	0.11	0.150	0.04	20.3	10.3	0.43	8650	3.84	0.01
E840188		0.43	118.0	5.78	1.34	0.09	0.14	0.06	0.131	0.03	18.8	9.4	0.31	8490	3.01	0.01
E840189		0.71	132.5	6.27	1.49	0.09	0.12	0.09	0.120	0.04	15.3	7.9	0.32	7940	5.00	0.01
E840190		0.83	231.0	5.23	1.97	0.08	0.10	0.17	0.096	0.04	19.4	5.1	0.17	7770	2.70	0.01
E840191		1.26	127.0	5.05	2.89	0.06	0.04	0.04	0.093	0.05	12.4	8.4	0.17	3600	2.30	0.01
E840192		1.81	189.0	5.52	4.43	0.09	0.07	0.08	0.154	0.04	23.7	26.1	0.38	4480	6.20	0.01
E840193		0.94	76.8	4.33	2.63	0.10	0.10	0.04	0.071	0.05	44.1	17.3	0.42	4770	4.63	0.01
E840194		1.12	426.0	5.26	2.02	0.09	0.13	0.10	0.150	0.05	17.5	10.6	0.37	6860	4.98	0.01
E840195		0.59	38.1	4.92	4.14	0.10	0.09	0.09	0.103	0.05	38.0	9.1	0.36	8350	4.73	0.01
E840196		1.76	205.0	5.14	4.67	0.12	0.09	0.15	0.096	0.05	52.0	19.5	0.39	4230	5.51	0.02
E840197		0.48	56.3	4.24	1.31	0.06	0.10	0.12	0.088	0.03	22.7	5.7	0.23	4790	2.06	0.01
E840198		0.25	32.7	4.01	0.71	0.06	0.07	0.07	0.093	0.03	16.0	3.4	0.22	4330	1.36	0.01
E840199		0.26	20.4	3.73	0.76	0.05	0.08	0.07	0.081	0.02	17.9	2.3	0.19	3770	1.07	0.01
E840200		0.44	28.9	5.24	1.30	0.10	0.09	0.21	0.167	0.03	60.3	3.3	0.19	8280	1.93	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840141		0.15	60.3	1470	12.0	7.9	<0.001	0.13	2.37	14.4	1.8	0.4	9.4	0.01	0.19	14.4
E840142		0.15	178.5	1260	44.4	6.5	0.001	0.31	9.67	17.3	2.9	0.7	15.2	0.01	0.47	37.8
E840143		0.12	132.5	1410	73.7	8.6	<0.001	0.44	10.55	20.1	2.1	0.3	13.0	0.01	0.36	30.9
E840144		0.33	30.0	2530	81.5	10.8	<0.001	0.33	23.60	4.1	3.8	0.2	9.9	<0.01	0.69	29.4
E840145		0.62	19.8	1840	144.5	6.4	<0.001	0.22	20.40	3.2	2.9	0.3	8.7	<0.01	0.54	22.2
E840146		0.15	33.9	1590	11.1	8.9	<0.001	0.15	1.89	2.9	1.6	0.2	15.4	0.01	0.13	4.5
E840147		0.17	9.5	1830	6.9	5.9	<0.001	0.19	0.55	3.1	1.3	0.2	12.1	<0.01	0.14	2.6
E840148		0.16	44.8	1010	5.9	4.7	0.001	0.14	1.17	3.8	1.8	0.2	11.1	0.01	0.34	3.8
E840149		<0.05	4.3	1290	2.3	1.8	<0.001	0.20	0.14	0.3	0.8	<0.2	7.9	<0.01	0.01	0.2
E840150		0.24	24.6	1770	18.4	6.7	<0.001	0.22	2.65	3.1	1.4	0.3	8.1	0.01	0.17	2.9
E840151		<0.05	43.4	510	3.0	8.1	<0.001	<0.01	0.52	2.3	0.8	0.3	2.1	<0.01	0.09	25.8
E840157		0.17	6.2	1320	5.5	4.4	<0.001	0.09	0.22	1.2	1.0	0.2	6.7	<0.01	0.06	2.7
E840186		0.17	38.1	1360	6.4	8.1	<0.001	0.09	0.87	5.7	1.2	0.2	9.2	0.01	0.15	6.2
E840187		0.09	22.8	1050	5.7	4.6	<0.001	0.15	0.54	4.0	1.4	<0.2	13.4	0.01	0.08	3.1
E840188		0.07	28.3	720	7.3	3.4	<0.001	0.07	0.72	4.3	1.1	<0.2	7.9	0.01	0.07	3.9
E840189		0.11	55.6	820	21.1	4.1	<0.001	0.11	2.37	4.1	1.3	<0.2	10.2	0.01	0.11	2.8
E840190		0.13	47.3	1530	22.0	5.2	<0.001	0.08	1.78	2.9	1.6	0.2	11.8	0.01	0.13	2.7
E840191		0.22	34.0	1620	25.9	8.0	<0.001	0.08	1.85	2.3	0.7	0.3	7.0	<0.01	0.10	1.8
E840192		0.33	58.2	1200	10.8	7.5	<0.001	0.07	1.84	3.0	1.2	0.3	14.1	0.01	0.22	4.0
E840193		0.10	45.8	590	10.5	4.8	<0.001	0.09	1.07	3.6	1.0	0.2	9.0	0.01	0.12	5.7
E840194		0.18	53.4	1510	43.8	6.7	<0.001	0.14	2.84	3.1	1.6	0.2	20.5	0.01	0.12	2.2
E840195		0.23	18.5	2440	11.4	7.6	<0.001	0.22	0.87	5.5	1.4	0.3	10.8	0.01	0.16	3.6
E840196		0.24	41.3	1460	16.0	7.4	<0.001	0.12	1.46	6.1	1.3	0.2	13.0	0.01	0.18	6.4
E840197		0.08	29.9	810	21.1	3.8	<0.001	0.07	1.19	2.7	0.8	<0.2	12.1	0.01	0.07	3.7
E840198		0.05	24.8	590	21.1	2.2	<0.001	0.04	2.29	2.5	0.6	<0.2	11.1	0.01	0.05	3.9
E840199		0.07	19.1	660	11.4	3.1	<0.001	0.06	1.46	2.5	0.7	<0.2	8.4	0.01	0.05	3.2
E840200		0.08	35.1	1150	299.0	5.8	<0.001	0.11	4.67	2.9	1.0	<0.2	15.9	0.01	0.08	2.9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 3-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063152

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840141		0.010	0.87	9.67	34	0.55	26.80	53	3.4
E840142		0.005	0.25	18.55	53	44.40	29.80	83	6.8
E840143		<0.005	0.14	20.00	44	1.34	29.50	59	6.5
E840144		0.013	0.21	5.31	36	0.21	4.17	35	4.0
E840145		0.028	0.12	4.42	33	0.17	4.21	37	1.3
E840146		0.006	0.08	1.83	14	0.12	22.60	50	3.5
E840147		0.008	0.13	1.12	18	0.10	8.78	35	2.3
E840148		0.006	0.12	7.48	18	0.36	21.60	26	4.8
E840149		<0.005	0.03	0.14	1	<0.05	0.56	213	<0.5
E840150		0.010	0.20	2.92	28	0.17	15.75	89	1.4
E840151		0.014	0.07	4.18	19	<0.05	18.80	27	0.9
E840157		0.008	0.05	3.33	6	0.05	7.60	11	<0.5
E840186		0.007	0.16	2.08	23	0.11	15.55	34	3.4
E840187		<0.005	0.08	1.13	14	0.06	20.50	70	2.9
E840188		<0.005	0.06	0.69	6	0.07	23.00	75	4.0
E840189		0.005	0.08	0.95	14	0.09	20.80	201	3.5
E840190		0.007	0.12	1.01	11	0.06	15.50	118	2.6
E840191		0.012	0.11	0.67	20	0.10	6.36	191	1.1
E840192		0.014	0.14	1.67	29	0.17	14.70	51	1.7
E840193		0.005	0.07	1.25	14	0.08	15.35	69	2.7
E840194		0.007	0.10	1.29	13	0.10	28.40	300	3.3
E840195		0.010	0.13	2.13	26	0.12	12.60	64	2.3
E840196		0.009	0.23	2.32	26	0.11	16.20	197	2.6
E840197		<0.005	0.05	0.91	6	0.07	19.25	388	2.8
E840198		<0.005	0.04	0.77	3	<0.05	17.05	568	1.9
E840199		<0.005	0.04	0.41	4	0.05	18.00	465	2.3
E840200		<0.005	0.14	2.07	6	0.07	35.70	1140	1.9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 28-JUN-2007
Account: EIAFRG

CERTIFICATE VA07063988

Project: Werneckes

P.O. No.: FRG07-01

This report is for 45 Soil samples submitted to our lab in Vancouver, BC, Canada on 6-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063988

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840001		0.20	NSS	0.23	1.65	2.2	<0.2	<10	30	0.40	0.21	0.11	0.04	186.50	13.0	22
E840002		0.24	<0.005	0.08	1.52	5.4	<0.2	<10	40	0.38	0.43	0.03	0.07	48.70	8.8	20
E840003		0.24	<0.005	0.10	1.95	13.7	<0.2	<10	30	0.23	0.29	0.03	0.05	42.10	10.5	22
E840004		0.20	<0.005	0.10	0.67	7.7	<0.2	<10	40	0.14	0.23	0.04	0.04	38.50	6.8	9
E840005		0.24	<0.005	0.03	1.05	3.2	<0.2	<10	20	0.35	0.13	0.12	0.04	67.50	16.2	12
E840006		0.14	<0.005	0.06	0.59	2.9	<0.2	<10	30	0.10	0.16	0.04	0.02	26.40	7.6	12
E840007		0.24	0.204	0.05	1.42	5.0	<0.2	<10	40	0.31	0.32	0.06	0.08	51.90	9.6	23
E840008		0.18	0.026	0.03	1.74	2.6	<0.2	<10	30	0.39	0.18	0.07	0.06	57.10	10.9	25
E840009		0.24	<0.005	0.04	1.40	4.1	<0.2	<10	40	0.23	0.34	0.03	0.06	50.70	10.3	23
E840010		0.18	<0.005	0.02	1.16	2.1	<0.2	<10	20	0.18	0.21	0.04	0.03	36.00	8.1	25
E840011		0.20	<0.005	0.03	2.56	6.7	<0.2	<10	60	0.43	0.32	0.08	0.10	58.80	13.5	34
E840012		0.22	<0.005	0.10	1.43	3.5	<0.2	<10	30	0.40	0.62	0.08	0.06	43.90	9.4	24
E840013		0.18	<0.005	0.05	1.80	3.4	<0.2	<10	30	0.87	0.83	0.16	0.07	89.80	15.0	30
E840014		0.20	0.013	0.20	2.09	14.5	<0.2	<10	70	0.96	0.46	0.09	0.15	41.60	17.3	28
E840015		0.26	0.007	0.30	2.63	29.8	<0.2	<10	90	1.11	1.17	0.12	0.20	61.00	36.1	31
E840016		0.22	<0.005	0.08	1.67	8.2	<0.2	<10	40	0.74	0.47	0.15	0.09	97.00	16.7	35
E840017		0.24	<0.005	0.05	1.83	0.9	<0.2	<10	60	0.81	0.23	0.30	0.01	77.70	13.5	30
E840018		0.22	<0.005	0.02	1.47	2.5	<0.2	<10	20	0.21	0.17	0.03	0.04	30.50	9.3	28
E840019		0.26	<0.005	0.05	1.64	0.8	<0.2	<10	30	0.27	0.14	0.15	0.05	61.90	13.8	28
E840020		0.20	<0.005	0.03	1.23	1.6	<0.2	<10	30	0.22	0.21	0.06	0.03	61.50	8.1	28
E840021		0.20	<0.005	0.04	1.29	3.6	<0.2	<10	30	0.16	0.30	0.03	0.03	25.90	7.9	27
E840022		0.20	<0.005	0.07	0.83	3.1	<0.2	<10	30	0.30	0.35	0.05	0.04	27.80	5.6	16
E840023		0.16	<0.005	0.02	1.67	2.5	<0.2	<10	30	0.42	0.35	0.05	0.09	93.30	12.3	27
E840024		0.30	<0.005	0.01	1.38	0.4	<0.2	<10	50	0.42	0.23	0.17	0.01	133.50	12.2	35
E840025		0.30	<0.005	0.03	1.59	4.0	<0.2	<10	70	0.97	0.26	0.24	0.09	139.50	12.8	23
E840026		0.26	<0.005	0.41	2.05	26.8	<0.2	<10	70	1.14	0.77	0.08	0.30	108.50	14.6	30
E840027		0.28	<0.005	0.04	1.65	0.9	<0.2	<10	50	0.45	0.17	0.23	0.02	97.20	14.4	31
E840028		0.32	<0.005	0.05	1.75	1.2	<0.2	<10	60	0.62	0.18	0.21	0.01	98.90	14.0	31
E840029		0.36	<0.005	0.07	1.78	3.7	<0.2	<10	60	0.92	0.59	0.30	0.05	95.80	16.5	30
E840030		0.22	0.005	0.39	1.73	151.0	<0.2	<10	130	1.38	2.80	0.71	1.06	84.80	69.4	26
E840031		0.30	0.091	3.91	2.16	155.0	<0.2	<10	120	1.08	1.97	0.69	4.37	94.80	276.0	13
E840032		0.24	0.089	4.01	2.37	170.0	<0.2	<10	130	1.11	2.11	0.75	4.58	105.50	289.0	14
E840033		0.32	<0.005	0.20	2.92	9.5	<0.2	<10	70	1.42	0.74	0.16	0.23	130.50	25.6	32
E840034		0.24	<0.005	0.13	2.25	5.9	<0.2	<10	40	1.11	0.33	0.15	0.12	63.80	13.0	37
E840035		0.28	<0.005	0.04	1.88	9.5	<0.2	<10	40	0.84	0.73	0.15	0.10	85.80	16.2	27
E840036		0.30	<0.005	0.05	1.52	3.5	<0.2	<10	30	0.36	0.32	0.05	0.08	56.70	10.0	26
E840037		0.28	<0.005	0.20	1.07	4.0	<0.2	<10	20	0.18	0.33	0.03	0.04	50.10	6.1	21
E840038		0.32	<0.005	0.09	1.84	4.6	<0.2	<10	30	0.32	0.23	0.16	0.10	103.00	11.9	28
E840039		0.26	<0.005	0.07	1.32	1.9	<0.2	<10	30	0.29	0.36	0.05	0.02	56.70	14.9	21
E840040		0.34	<0.005	0.12	1.05	4.8	<0.2	<10	50	0.35	0.34	0.04	0.06	29.20	22.2	20

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063988

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840001		2.06	19.1	3.28	5.19	0.12	0.02	0.05	0.012	0.04	68.5	39.7	0.72	781	0.84	0.01
E840002		1.99	19.7	3.86	7.24	0.06	0.02	0.05	0.017	0.04	17.2	30.6	0.49	546	1.32	<0.01
E840003		1.04	99.6	3.96	6.87	0.07	0.04	0.04	0.021	0.03	19.7	46.2	0.78	686	2.12	<0.01
E840004		1.08	15.5	2.30	5.29	0.05	<0.02	0.04	0.008	0.05	19.1	5.3	0.16	215	2.06	<0.01
E840005		1.11	19.3	2.01	2.51	0.08	0.04	0.02	0.006	0.03	31.8	19.1	0.33	192	1.37	<0.01
E840006		0.91	8.9	2.12	3.21	0.05	<0.02	0.04	0.005	0.04	13.5	6.8	0.17	130	0.96	0.01
E840007		1.64	12.2	3.85	5.17	0.08	<0.02	0.05	0.019	0.04	21.0	24.8	0.50	484	0.85	<0.01
E840008		1.48	6.2	3.32	4.83	0.08	0.04	0.03	0.012	0.03	26.6	33.1	0.65	453	0.48	<0.01
E840009		2.86	6.0	3.63	6.34	0.07	<0.02	0.03	0.016	0.03	19.7	26.0	0.43	699	0.73	<0.01
E840010		5.29	3.7	3.52	5.14	0.07	<0.02	0.02	0.009	0.03	16.7	18.0	0.45	347	0.35	0.01
E840011		6.91	9.2	4.20	6.25	0.08	0.05	0.05	0.030	0.05	23.2	35.7	0.65	543	0.83	0.01
E840012		4.93	35.5	3.26	6.65	0.07	<0.02	0.03	0.018	0.04	17.4	21.2	0.55	411	0.87	<0.01
E840013		4.36	75.1	3.13	6.15	0.10	0.02	0.02	0.019	0.05	33.5	39.2	0.94	726	0.75	0.01
E840014		2.70	111.0	4.07	9.66	0.07	<0.02	0.04	0.045	0.06	19.6	38.1	0.68	831	2.83	0.01
E840015		4.35	176.5	4.68	7.47	0.09	0.02	0.06	0.076	0.09	23.4	49.2	0.99	2280	3.47	0.01
E840016		4.37	24.1	3.81	5.74	0.09	0.02	0.01	0.018	0.04	33.6	38.2	0.80	722	0.46	0.01
E840017		3.48	11.5	3.29	5.63	0.11	0.04	0.01	0.015	0.06	40.4	38.4	0.91	712	0.19	0.01
E840018		4.83	4.7	3.92	6.29	0.07	<0.02	0.02	0.011	0.03	13.5	24.0	0.56	302	0.49	0.01
E840019		3.03	4.7	3.26	5.66	0.10	0.02	0.01	0.014	0.04	30.9	30.6	0.86	523	0.21	0.01
E840020		7.66	3.1	3.30	4.66	0.08	<0.02	0.03	0.013	0.04	29.7	16.3	0.49	249	0.34	0.01
E840021		4.98	3.5	4.91	8.81	0.07	<0.02	0.02	0.017	0.03	11.6	13.3	0.41	352	0.79	0.01
E840022		3.14	6.7	2.55	7.16	0.06	<0.02	0.03	0.009	0.06	13.7	6.5	0.24	412	1.07	0.01
E840023		4.64	11.0	3.98	5.58	0.10	0.03	0.03	0.018	0.05	41.8	27.4	0.59	533	0.56	0.01
E840024		6.19	9.2	3.76	4.36	0.13	0.04	<0.01	0.012	0.05	68.4	22.8	0.71	324	0.20	0.01
E840025		3.58	60.6	2.82	5.15	0.10	0.03	0.01	0.022	0.06	40.4	26.9	0.76	875	0.85	0.01
E840026		5.14	56.2	3.91	7.09	0.08	0.05	0.03	0.075	0.06	31.1	43.7	0.84	880	1.78	0.01
E840027		4.18	14.9	3.33	5.25	0.11	0.04	0.01	0.016	0.05	47.2	34.1	0.82	590	0.22	0.01
E840028		4.06	16.8	3.45	5.73	0.11	0.03	0.01	0.017	0.05	44.4	37.3	0.89	747	0.22	0.01
E840029		3.70	47.3	3.47	5.61	0.12	0.05	0.01	0.019	0.06	43.1	41.4	0.92	1160	1.09	0.01
E840030		4.65	178.0	3.19	8.23	0.09	0.03	0.06	0.101	0.08	45.2	34.4	0.98	3120	3.26	0.02
E840031		7.62	5610.0	12.75	6.42	0.21	0.10	0.04	0.243	0.09	61.3	32.4	1.01	4590	10.20	0.01
E840032		8.10	5900.0	13.40	6.86	0.23	0.11	0.05	0.257	0.10	67.7	33.3	1.11	4950	10.30	0.01
E840033		4.19	111.5	4.17	8.19	0.09	0.03	0.07	0.035	0.07	43.2	40.2	1.00	1150	2.58	0.02
E840034		3.49	32.3	3.85	8.68	0.10	0.02	0.07	0.025	0.12	24.0	35.0	0.90	580	0.94	0.02
E840035		3.66	56.1	3.20	5.52	0.09	0.04	0.03	0.021	0.05	29.4	37.5	0.73	627	0.74	0.01
E840036		3.60	8.9	4.01	5.78	0.08	<0.02	0.03	0.016	0.04	20.7	26.8	0.53	690	0.66	0.01
E840037		2.92	5.6	3.94	6.90	0.08	<0.02	0.03	0.011	0.03	21.6	13.9	0.35	437	0.64	0.01
E840038		2.06	8.9	3.13	4.57	0.12	0.06	0.03	0.014	0.03	32.1	33.4	0.69	447	0.56	0.01
E840039		1.75	13.2	3.22	4.38	0.09	0.03	0.03	0.010	0.03	25.8	21.2	0.68	372	0.74	0.01
E840040		1.81	32.5	3.16	3.42	0.07	0.03	0.04	0.012	0.04	12.7	11.2	0.25	279	1.61	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 28-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063988

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840001		0.06	35.6	1020	5.5	5.9	<0.001	<0.01	0.52	2.1	0.4	0.2	2.2	<0.01	0.04	14.7
E840002		0.44	23.3	530	7.6	8.9	<0.001	<0.01	0.47	2.0	0.4	0.4	3.3	<0.01	0.10	15.2
E840003		0.41	27.6	590	6.3	6.8	<0.001	<0.01	0.43	1.8	0.5	0.3	2.8	<0.01	0.08	13.3
E840004		0.54	11.5	550	6.4	11.4	<0.001	<0.01	0.40	1.0	0.4	0.4	4.1	<0.01	0.06	6.0
E840005		0.28	27.6	710	4.1	5.7	<0.001	<0.01	0.29	1.1	0.4	<0.2	4.7	<0.01	0.06	17.5
E840006		0.21	13.7	660	3.2	6.0	<0.001	<0.01	0.20	0.9	0.3	0.2	2.8	<0.01	0.07	6.7
E840007		0.52	24.0	660	7.8	7.8	<0.001	<0.01	0.54	1.7	0.5	0.3	4.5	<0.01	0.10	11.0
E840008		0.31	30.1	800	3.9	6.9	<0.001	<0.01	0.28	1.7	0.4	0.2	3.9	<0.01	0.05	13.2
E840009		0.41	21.4	640	5.5	7.4	<0.001	<0.01	0.44	1.7	0.3	0.4	4.1	<0.01	0.05	11.3
E840010		0.18	21.0	400	3.0	8.4	<0.001	<0.01	0.34	1.5	0.2	0.4	4.2	<0.01	0.03	14.6
E840011		0.67	40.7	560	9.3	12.1	<0.001	<0.01	0.48	2.9	0.5	0.5	8.4	0.01	0.06	17.6
E840012		0.64	24.0	720	4.2	13.6	<0.001	<0.01	0.63	2.2	0.3	0.5	5.9	<0.01	0.09	9.0
E840013		0.67	37.0	730	5.5	9.5	<0.001	<0.01	0.87	2.6	0.5	0.4	5.7	<0.01	0.07	14.0
E840014		1.96	23.4	430	14.9	21.4	<0.001	<0.01	0.96	2.8	0.5	0.9	6.6	0.01	0.10	6.5
E840015		0.73	36.7	890	55.4	17.9	<0.001	<0.01	1.20	2.4	0.8	0.6	6.5	<0.01	0.16	7.0
E840016		0.27	38.3	570	12.9	9.9	<0.001	<0.01	0.51	2.2	0.3	0.4	4.6	<0.01	0.05	13.8
E840017		0.33	40.3	610	2.0	9.5	<0.001	<0.01	0.52	3.0	0.4	0.4	6.7	0.01	0.03	17.2
E840018		0.32	24.6	430	4.0	8.7	<0.001	<0.01	0.32	1.6	0.3	0.4	2.8	<0.01	0.03	9.3
E840019		0.26	39.1	540	2.1	7.2	<0.001	<0.01	0.31	2.6	0.4	0.4	4.1	<0.01	0.01	14.3
E840020		0.12	23.2	690	3.5	11.5	<0.001	<0.01	0.35	1.5	0.3	0.4	2.7	<0.01	0.03	7.4
E840021		0.40	19.4	860	6.4	8.9	<0.001	<0.01	0.55	1.6	0.4	0.6	2.9	<0.01	0.06	8.2
E840022		0.37	12.4	540	6.1	17.0	<0.001	<0.01	0.42	1.1	0.4	0.6	4.1	<0.01	0.06	1.8
E840023		0.30	28.7	490	4.2	12.1	<0.001	<0.01	0.46	1.8	0.4	0.4	3.8	<0.01	0.05	14.0
E840024		<0.05	36.2	670	1.7	6.5	<0.001	<0.01	0.42	2.1	0.2	0.5	3.4	<0.01	0.03	18.5
E840025		0.31	34.7	890	5.0	8.2	<0.001	<0.01	0.45	2.6	0.4	0.3	8.1	<0.01	0.05	12.6
E840026		0.37	31.1	460	134.5	16.7	<0.001	<0.01	1.98	3.0	0.4	0.5	4.5	<0.01	0.04	14.8
E840027		0.13	39.6	690	3.0	7.3	<0.001	<0.01	0.37	3.0	0.4	0.4	6.2	<0.01	0.02	18.2
E840028		0.25	39.4	580	2.5	7.4	<0.001	<0.01	0.43	3.1	0.3	0.4	5.4	<0.01	0.03	19.9
E840029		0.39	38.0	680	5.9	7.8	<0.001	<0.01	0.98	2.9	0.5	0.4	7.8	<0.01	0.05	17.9
E840030		0.88	33.0	920	159.5	20.5	<0.001	0.03	2.26	3.3	0.9	0.4	9.1	0.01	0.10	7.1
E840031		0.22	167.0	1800	474.0	13.7	<0.001	0.57	8.08	6.7	2.3	0.2	13.5	0.01	1.26	13.2
E840032		0.24	176.5	1930	534.0	15.1	<0.001	0.68	7.93	7.0	2.3	0.2	13.9	0.01	1.31	13.5
E840033		1.47	37.5	1040	21.2	13.7	<0.001	<0.01	1.00	2.4	1.0	0.6	8.9	0.01	0.24	10.5
E840034		1.79	32.6	890	7.6	19.2	<0.001	<0.01	0.56	3.4	0.8	0.8	6.4	0.01	0.10	9.3
E840035		0.76	38.0	650	5.9	9.5	<0.001	<0.01	0.65	2.8	0.3	0.4	8.0	0.01	0.07	14.2
E840036		0.25	23.1	1240	5.8	11.8	<0.001	<0.01	0.44	1.4	0.4	0.4	4.7	<0.01	0.06	7.4
E840037		0.44	14.9	880	5.2	8.3	<0.001	0.01	0.38	1.0	0.4	0.4	3.4	<0.01	0.08	7.9
E840038		0.49	30.9	710	5.9	5.0	<0.001	0.01	0.44	1.8	0.6	0.2	7.2	<0.01	0.08	16.3
E840039		0.11	29.2	610	3.4	6.3	<0.001	0.02	0.31	0.9	0.5	0.2	2.7	<0.01	0.16	9.4
E840040		0.36	17.6	530	9.9	7.9	<0.001	0.06	0.37	1.0	0.6	0.2	5.1	<0.01	0.16	14.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 28-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063988

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840001		0.013	0.07	2.12	18	0.06	6.81	42	<0.5
E840002		0.016	0.08	1.42	30	0.10	2.99	45	0.8
E840003		0.012	0.06	1.38	26	0.10	2.16	52	1.4
E840004		0.023	0.09	0.97	30	0.14	1.55	21	<0.5
E840005		0.011	0.03	1.36	13	0.11	3.16	22	1.0
E840006		0.010	0.06	0.77	18	0.07	1.30	13	<0.5
E840007		0.025	0.07	1.07	30	0.10	2.26	48	0.5
E840008		0.018	0.05	1.48	25	0.07	3.04	79	1.0
E840009		0.020	0.07	1.44	37	0.09	4.15	73	<0.5
E840010		0.024	0.05	1.57	36	0.05	5.96	53	<0.5
E840011		0.025	0.10	1.72	41	0.14	7.92	89	1.4
E840012		0.026	0.06	1.49	37	0.17	7.70	61	<0.5
E840013		0.032	0.04	3.00	29	0.25	13.80	64	<0.5
E840014		0.055	0.11	1.60	55	0.41	6.10	106	<0.5
E840015		0.024	0.12	2.79	41	0.14	9.49	162	<0.5
E840016		0.029	0.06	1.98	37	0.10	8.39	71	1.2
E840017		0.020	0.06	2.24	27	0.13	17.45	52	0.7
E840018		0.017	0.07	0.99	38	0.07	3.57	46	<0.5
E840019		0.020	0.04	1.60	27	0.08	11.30	44	<0.5
E840020		0.016	0.08	1.45	35	<0.05	4.92	28	<0.5
E840021		0.024	0.08	1.11	56	0.08	6.31	26	<0.5
E840022		0.026	0.10	1.07	39	0.12	4.72	22	<0.5
E840023		0.021	0.07	1.79	36	0.06	7.85	48	0.7
E840024		0.031	0.04	1.92	41	<0.05	7.66	31	1.2
E840025		0.018	0.05	2.73	26	0.38	12.10	52	0.5
E840026		0.009	0.10	2.06	31	0.13	6.96	227	1.2
E840027		0.018	0.04	2.34	30	<0.05	16.25	52	0.5
E840028		0.022	0.04	2.48	29	0.08	18.15	44	0.5
E840029		0.031	0.05	3.62	30	0.34	16.25	58	0.9
E840030		0.029	0.09	3.37	36	0.28	18.40	413	0.5
E840031		0.008	0.11	8.36	21	0.15	53.80	1450	1.7
E840032		0.009	0.12	9.22	23	0.14	54.80	1585	1.8
E840033		0.049	0.09	2.99	37	0.41	15.25	69	<0.5
E840034		0.081	0.08	2.07	37	0.34	8.59	41	<0.5
E840035		0.033	0.05	2.60	32	0.20	10.45	61	0.9
E840036		0.017	0.06	1.92	32	0.07	5.51	68	<0.5
E840037		0.032	0.06	1.03	43	0.11	2.21	51	<0.5
E840038		0.035	0.04	1.51	31	0.11	4.63	89	1.4
E840039		0.014	0.05	1.18	20	0.07	2.17	24	1.3
E840040		0.016	0.07	1.33	27	0.13	2.11	23	0.7

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07063988

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840041		0.26	<0.005	0.05	1.16	5.4	<0.2	<10	60	0.48	0.25	0.08	0.08	31.80	49.9	14
E840042		0.34	<0.005	0.06	1.01	6.9	<0.2	<10	60	0.43	0.23	0.05	0.05	44.60	16.3	13
E840043		0.36	<0.005	0.02	0.40	1.1	<0.2	<10	40	0.34	0.09	0.02	0.02	46.80	7.4	6
E840044		0.32	<0.005	0.03	1.70	6.6	<0.2	<10	60	0.75	0.40	0.07	0.08	60.60	13.5	23
E840045		0.26	<0.005	0.06	1.83	3.5	<0.2	<10	30	0.32	0.36	0.04	0.05	63.50	11.5	25

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840041		2.15	26.5	2.59	3.17	0.06	0.05	0.04	0.019	0.04	14.9	13.5	0.28	876	7.33	0.01
E840042		2.49	36.2	2.29	3.61	0.08	<0.02	0.05	0.013	0.05	23.8	10.0	0.27	233	4.10	0.02
E840043		2.01	29.8	1.21	1.32	0.05	0.02	0.03	0.008	0.04	19.6	4.3	0.10	204	2.27	0.01
E840044		3.73	56.4	3.51	5.26	0.09	0.06	0.04	0.020	0.04	22.8	30.9	0.65	632	4.46	0.01
E840045		4.79	7.0	4.33	6.26	0.09	0.03	0.04	0.014	0.04	22.6	36.2	0.71	637	1.12	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840041		0.41	18.6	700	7.4	6.4	<0.001	0.04	0.46	1.4	0.7	0.2	6.5	<0.01	0.13	13.4
E840042		0.27	13.9	760	8.0	9.4	<0.001	0.06	0.40	0.8	0.6	0.3	6.6	<0.01	0.12	5.9
E840043		0.05	8.2	270	3.4	9.3	<0.001	0.01	0.19	0.5	0.3	<0.2	0.9	<0.01	0.04	11.6
E840044		0.49	32.2	520	9.8	8.1	<0.001	0.01	0.64	1.9	0.6	0.3	5.0	<0.01	0.11	17.5
E840045		0.20	32.6	900	5.6	11.6	<0.001	0.01	0.48	1.3	0.4	0.4	2.4	<0.01	0.10	19.2

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 28-JUN-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07063988

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840041		0.019	0.05	1.74	23	0.15	3.28	24	1.1
E840042		0.018	0.08	3.45	25	0.23	2.43	25	<0.5
E840043		<0.005	0.05	1.91	7	0.10	2.31	7	<0.5
E840044		0.026	0.07	2.32	32	0.21	3.98	44	1.4
E840045		0.021	0.08	1.95	30	0.08	2.91	46	1.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 12-JUL-2007
Account: EIAFRG

CERTIFICATE VA07066076

Project: Werneckes

P.O. No.: FRG07-01

This report is for 130 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841121		0.32	0.011	0.42	1.26	34.7	<0.2	<10	60	1.16	1.36	9.88	0.09	17.95	20.1	12
E841122		0.56	0.024	0.37	1.18	37	<0.2	<10	80	0.85	3.61	10.95	0.09	23.10	65.8	11
E841123		0.50	0.046	0.53	1.83	56.1	<0.2	<10	90	1.44	7.98	9.32	0.06	28.60	142.0	17
E841124		0.34	0.023	0.75	1.20	42	<0.2	<10	40	1.21	5.01	11.45	0.07	15.75	57.1	11
E841125		0.82	0.010	0.25	0.48	25	<0.2	<10	20	0.80	2.61	13.85	0.06	12.70	23.0	6
E841126		0.42	0.014	0.43	0.80	36	<0.2	<10	40	0.98	3.92	10.80	0.10	19.15	33.7	8
E841127		0.22	0.025	0.26	2.19	24.4	<0.2	<10	230	1.68	1.35	1.10	0.28	83.80	66.4	31
E841128		0.32	0.009	0.07	0.94	6.3	<0.2	<10	180	0.40	0.29	0.52	0.20	86.00	17.7	20
E841129		0.32	0.015	0.10	1.57	22.8	<0.2	<10	230	0.88	2.45	0.85	0.21	51.70	31.1	21
E841130		0.30	0.020	0.16	1.43	35.9	<0.2	<10	130	0.96	3.83	4.26	0.12	49.70	38.6	21
E841131		0.48	0.031	0.21	1.31	46.9	<0.2	<10	90	0.91	5.11	5.84	0.06	42.20	35.1	17
E841132		0.42	0.055	0.19	1.20	23.6	<0.2	<10	140	0.91	3.52	3.08	0.06	40.60	31.5	17
E841133		0.66	0.019	0.28	2.02	56.3	<0.2	<10	440	1.46	1.99	2.64	0.10	44.20	55.2	25
E841134		0.32	0.015	0.38	1.92	44.8	<0.2	<10	130	1.70	1.71	2.89	0.21	43.60	34.1	21
E841135		0.30	0.013	0.29	1.70	35.4	<0.2	<10	130	1.67	1.60	1.48	0.32	39.10	24.0	17
E841136		0.56	0.011	0.21	0.88	12.9	<0.2	10	40	1.13	1.25	9.99	0.15	21.90	20.0	10
E841137		0.34	0.030	0.11	0.63	6	<0.2	<10	50	0.99	0.93	10.85	0.16	20.10	14.2	6
E841138		0.58	0.010	0.12	0.83	13	<0.2	<10	30	1.18	1.21	11.30	0.08	17.30	18.8	7
E841139		0.26	0.007	0.12	0.71	14.5	<0.2	<10	90	1.40	1.14	5.14	0.14	25.80	37.8	8
E841140		0.30	<0.005	0.04	1.83	12.2	<0.2	<10	60	0.68	0.36	0.24	0.13	30.30	14.1	26
E841141		0.42	0.013	0.10	1.98	20.5	<0.2	<10	260	1.03	0.96	0.64	0.27	44.80	33.9	36
E841142		0.38	0.006	0.10	1.53	18.0	<0.2	<10	260	1.57	1.97	0.85	0.44	45.00	26.5	18
E841143		0.30	0.011	0.24	1.98	39.9	<0.2	<10	110	1.35	4.53	2.44	0.25	38.60	30.7	30
E841144		0.42	0.010	0.18	2.07	31.2	<0.2	<10	140	1.29	3.10	1.19	0.26	41.30	29.7	24
E841145		0.34	0.008	0.18	2.06	29.8	<0.2	<10	140	1.26	3.04	1.18	0.26	40.10	28.5	26
E841146		0.62	0.011	0.14	1.83	30.3	<0.2	<10	160	0.92	1.21	1.91	0.10	52.70	32.2	23
E841147		0.40	0.017	0.12	1.84	24.2	<0.2	<10	250	0.98	0.88	0.31	0.09	59.40	31.0	25
E841148		0.36	0.008	0.12	1.66	19.8	<0.2	<10	150	0.92	0.58	3.25	0.11	45.40	21.5	17
E841149		0.36	0.041	0.07	2.12	21.2	<0.2	<10	160	1.00	1.33	0.18	0.04	67.70	26.2	26
E841150		0.34	0.012	0.10	2.01	28.7	<0.2	<10	330	0.90	1.01	0.28	0.10	56.70	27.9	26
E841151		0.42	0.009	0.11	1.42	24.8	<0.2	<10	120	0.73	0.97	2.96	0.12	39.90	26.3	17
E841152		0.48	0.007	0.11	1.51	20.1	<0.2	<10	100	0.73	0.97	2.61	0.09	39.40	28.4	18
E841153		0.42	<0.005	0.03	1.46	24.3	<0.2	<10	70	0.53	0.94	0.12	0.11	32.10	21.1	22
E841154		0.32	0.008	0.14	1.83	25.3	<0.2	<10	130	1.11	1.04	0.53	0.18	39.40	34.0	23
E841155		0.34	0.012	0.21	1.29	51.0	<0.2	<10	100	1.02	1.88	3.65	0.42	21.80	41.2	14
E841156		0.46	0.012	0.12	0.98	20.5	<0.2	<10	90	0.94	0.70	0.63	0.16	42.80	57.5	11
E841157		0.40	0.012	0.10	1.02	25.0	<0.2	<10	80	0.95	0.84	0.63	0.13	37.40	71.6	12
E841158		0.46	0.012	0.09	1.19	32.2	<0.2	<10	70	1.26	1.12	0.16	0.09	38.30	112.0	10
E841159		0.36	0.005	0.16	1.56	20.5	<0.2	<10	80	1.02	0.66	1.58	0.26	31.30	17.5	15
E841160		0.44	<0.005	0.15	1.41	16.7	<0.2	<10	60	0.96	0.66	0.58	0.15	34.90	15.5	15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841121		1.45	39.6	5.06	3.82	0.50	0.10	0.09	0.072	0.08	9.5	28.9	7.36	3770	10.45	0.02
E841122		1.29	234.0	5.28	4.09	0.30	0.08	0.07	0.126	0.06	11.8	26.4	7.62	4990	21.70	0.02
E841123		1.58	468.0	6.47	7.30	0.31	0.14	0.06	0.145	0.07	15.1	45.2	7.19	4940	35.15	0.02
E841124		1.20	109.0	5.69	4.11	0.50	0.12	0.09	0.088	0.07	8.4	27.9	8.20	4010	24.90	0.02
E841125		0.67	35.3	4.84	1.56	0.25	0.07	0.04	0.055	0.08	6.6	11.8	8.33	4250	8.96	0.02
E841126		0.95	42.1	5.88	2.67	0.25	0.08	0.09	0.070	0.05	10.1	17.0	7.08	4710	13.05	0.02
E841127		1.42	428.0	8.10	8.74	0.21	0.15	0.12	0.366	0.09	71.0	22.0	1.41	7090	14.80	0.02
E841128		0.64	211.0	3.89	4.38	0.13	0.06	0.02	0.122	0.05	47.0	14.4	0.58	3960	1.65	0.01
E841129		1.10	402.0	6.39	5.96	0.13	0.08	0.03	0.168	0.07	28.2	21.4	1.11	6440	5.57	0.02
E841130		1.03	318.0	5.78	4.87	0.20	0.09	0.04	0.094	0.10	27.1	21.1	3.55	3150	9.84	0.02
E841131		1.03	337.0	5.98	4.46	0.25	0.09	0.05	0.103	0.11	22.8	17.8	4.37	3380	13.00	0.02
E841132		0.82	309.0	5.12	4.26	0.14	0.09	0.07	0.102	0.10	22.5	19.7	2.57	3690	6.81	0.02
E841133		1.51	311.0	6.10	6.46	0.15	0.12	0.06	0.109	0.12	23.1	29.7	2.89	3340	9.63	0.02
E841134		1.63	82.8	6.31	5.66	0.19	0.10	0.12	0.084	0.11	22.3	33.5	3.04	4070	6.00	0.02
E841135		1.61	58.3	7.89	4.72	0.18	0.08	0.12	0.137	0.08	20.9	33.4	1.88	7080	5.31	0.02
E841136		0.84	52.1	3.20	2.62	0.12	0.05	0.06	0.086	0.06	11.6	17.7	6.78	2500	2.91	0.02
E841137		0.73	51.2	2.78	1.76	0.10	0.07	0.04	0.077	0.06	10.7	13.3	7.14	2660	3.22	0.02
E841138		1.05	66.7	2.53	2.23	0.16	0.07	0.03	0.079	0.10	9.3	20.0	7.81	2240	4.67	0.02
E841139		0.88	95.2	4.39	2.16	0.12	0.06	0.04	0.119	0.07	12.3	12.6	3.36	3680	1.28	0.02
E841140		1.31	35.4	4.21	7.83	0.08	0.02	0.03	0.042	0.06	14.7	25.5	0.86	331	1.64	0.01
E841141		1.18	167.0	5.56	6.70	0.13	0.08	0.06	0.139	0.09	23.7	20.6	1.52	4390	3.48	0.02
E841142		0.94	77.3	8.09	4.76	0.16	0.07	0.07	0.448	0.04	22.9	9.5	0.98	11900	3.30	0.02
E841143		0.88	117.0	8.48	5.95	0.30	0.12	0.10	0.284	0.05	18.7	22.7	3.63	7400	4.83	0.02
E841144		1.07	152.5	7.40	6.18	0.22	0.10	0.08	0.260	0.05	20.6	20.0	2.17	7910	4.26	0.01
E841145		1.06	153.0	7.30	5.95	0.21	0.10	0.08	0.251	0.06	20.2	19.5	2.10	7760	4.14	0.01
E841146		1.17	105.5	4.71	6.03	0.18	0.11	0.03	0.063	0.13	27.3	22.2	2.33	1840	3.02	0.01
E841147		1.25	73.7	4.89	6.60	0.16	0.10	0.04	0.056	0.15	31.6	25.0	1.29	1850	2.57	0.01
E841148		1.29	62.9	4.58	4.99	0.17	0.10	0.05	0.057	0.13	24.2	20.6	2.78	3250	2.23	0.02
E841149		1.35	54.3	4.73	7.10	0.14	0.04	0.02	0.046	0.13	32.5	25.9	1.26	1320	2.03	0.01
E841150		1.21	60.7	4.44	6.55	0.12	0.06	0.03	0.058	0.11	27.4	20.9	0.85	1870	2.36	0.01
E841151		0.95	73.6	3.99	4.21	0.14	0.08	0.09	0.062	0.10	20.4	16.3	2.32	2390	1.80	0.02
E841152		1.82	72.5	3.90	4.26	0.18	0.07	0.05	0.061	0.10	20.2	18.2	2.35	2270	1.34	0.01
E841153		1.59	50.1	5.13	7.30	0.10	0.02	0.03	0.119	0.06	15.3	16.8	0.53	1300	2.39	<0.01
E841154		2.27	132.0	5.39	5.72	0.15	0.07	0.08	0.130	0.10	21.3	26.3	1.28	3370	2.17	0.01
E841155		1.60	503.0	3.99	3.34	0.12	0.08	0.04	0.088	0.09	11.0	15.2	2.66	2090	3.87	0.02
E841156		0.70	154.0	6.37	2.99	0.14	0.11	0.06	0.284	0.07	20.4	10.6	0.79	5110	3.62	0.01
E841157		0.71	138.5	5.27	3.02	0.13	0.09	0.04	0.191	0.06	18.0	12.1	0.91	3470	3.37	0.01
E841158		0.74	229.0	7.01	3.36	0.13	0.11	0.04	0.297	0.07	18.4	11.2	0.78	5850	4.18	0.01
E841159		2.36	64.9	5.23	4.24	0.16	0.08	0.07	0.146	0.12	15.7	27.7	1.85	4110	1.26	0.01
E841160		1.89	71.2	4.18	3.99	0.15	0.08	0.07	0.108	0.10	17.1	27.3	1.25	2360	1.00	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841121		0.10	39.6	870	46.9	8.0	0.001	0.05	3.19	3.7	3.0	<0.2	20.5	<0.01	0.10	3.6
E841122		0.09	57.6	800	27.1	7.2	0.001	0.07	2.51	5.1	4.6	0.2	27.7	<0.01	0.18	6.0
E841123		0.05	104.5	1060	32.9	7.0	0.001	0.13	3.78	6.7	9.8	0.3	24.8	<0.01	0.41	11.7
E841124		0.08	60.6	1080	53.3	6.3	0.001	0.17	4.45	3.8	3.3	0.2	22.4	<0.01	0.13	3.8
E841125		0.06	28.7	610	33.7	5.3	<0.001	0.08	2.15	2.4	2.9	<0.2	23.0	<0.01	0.09	2.1
E841126		0.10	43.3	850	45.0	6.1	0.001	0.04	3.23	3.2	3.1	<0.2	18.3	<0.01	0.12	3.1
E841127		0.32	46.5	1650	12.2	15.0	0.001	0.14	1.00	16.5	3.7	0.5	12.2	0.01	0.30	6.7
E841128		0.27	24.1	1000	5.4	7.6	<0.001	0.03	0.40	9.8	1.1	0.3	8.4	0.01	0.08	11.2
E841129		0.22	29.9	1450	14.1	11.7	<0.001	0.10	0.75	8.0	1.6	0.3	8.3	0.01	0.12	4.2
E841130		0.22	36.7	990	21.2	10.7	0.001	0.05	1.31	6.1	1.4	0.4	15.7	0.01	0.19	9.4
E841131		0.16	35.0	870	33.8	10.2	0.001	0.08	1.75	5.8	1.7	0.3	15.7	0.01	0.20	6.9
E841132		0.12	36.8	910	14.5	9.7	<0.001	0.08	0.94	5.7	1.6	0.3	8.8	<0.01	0.49	8.0
E841133		0.26	49.8	910	18.5	16.1	0.001	0.10	1.44	5.8	2.7	0.4	9.3	0.01	0.25	11.7
E841134		0.27	65.8	1040	26.3	14.6	0.001	0.06	2.24	5.4	2.3	0.4	11.0	<0.01	0.16	7.3
E841135		0.24	60.2	880	28.5	12.7	0.002	0.06	2.21	4.7	2.8	0.3	6.8	0.01	0.16	2.8
E841136		0.21	31.2	760	12.0	8.9	0.001	0.01	1.04	3.6	1.3	0.2	21.9	<0.01	0.08	3.0
E841137		0.13	20.2	690	6.4	7.4	<0.001	0.02	0.82	2.7	1.4	0.2	18.9	<0.01	0.06	2.2
E841138		0.08	26.8	720	6.4	9.2	<0.001	0.03	1.03	2.5	1.6	0.2	20.8	<0.01	0.08	2.7
E841139		0.09	26.8	700	6.0	9.5	<0.001	0.08	0.79	3.2	2.0	0.2	12.2	<0.01	0.06	2.2
E841140		1.08	21.5	310	8.3	13.6	<0.001	0.04	0.62	3.4	0.5	0.6	9.6	<0.01	0.07	2.7
E841141		0.43	37.5	840	10.2	20.6	<0.001	0.07	0.68	7.2	1.5	0.5	10.4	0.01	0.10	4.9
E841142		0.12	25.8	1670	18.4	9.9	<0.001	0.12	0.79	3.4	2.4	0.2	7.4	0.01	0.10	1.3
E841143		0.20	37.5	930	25.8	7.5	<0.001	0.07	1.80	6.3	2.2	0.2	11.6	0.01	0.09	3.5
E841144		0.26	35.7	980	19.8	10.4	<0.001	0.07	1.39	5.1	1.9	0.3	10.1	0.01	0.08	2.7
E841145		0.26	34.8	1070	19.0	10.4	<0.001	0.08	1.33	4.9	1.9	0.4	10.1	0.01	0.08	2.3
E841146		0.31	38.4	770	9.0	15.3	<0.001	0.04	0.89	4.9	0.9	0.5	11.1	0.01	0.11	11.4
E841147		0.37	39.5	740	7.5	23.0	<0.001	0.03	0.76	5.6	1.0	0.6	6.1	0.01	0.09	11.5
E841148		0.28	34.4	820	8.4	19.1	<0.001	0.04	0.79	5.0	1.1	0.4	9.9	0.01	0.08	9.0
E841149		0.33	37.6	570	5.7	21.9	<0.001	0.02	0.64	4.0	0.7	0.6	4.0	<0.01	0.08	9.7
E841150		0.41	37.9	750	9.5	20.0	<0.001	0.04	0.65	4.0	0.9	0.5	8.0	<0.01	0.11	6.5
E841151		0.37	36.8	760	9.2	12.4	0.001	0.04	0.79	4.6	1.1	0.3	13.4	0.01	0.08	6.3
E841152		0.26	34.8	660	7.0	12.7	<0.001	0.04	0.73	4.6	1.0	0.3	10.8	<0.01	0.07	5.5
E841153		1.22	22.1	440	15.9	13.6	<0.001	0.02	1.10	2.6	0.7	0.6	7.5	<0.01	0.08	3.9
E841154		0.47	44.6	750	12.8	22.1	<0.001	0.05	0.98	5.5	1.6	0.5	11.4	0.01	0.09	3.9
E841155		0.35	52.5	740	95.1	10.6	0.001	0.20	1.20	4.1	1.2	0.3	20.5	<0.01	0.10	6.3
E841156		0.20	31.8	430	8.9	7.5	<0.001	0.06	1.06	6.2	1.5	0.2	9.0	0.01	0.12	7.8
E841157		0.27	33.5	360	8.2	6.0	<0.001	0.07	1.07	5.1	1.2	0.2	9.1	<0.01	0.14	10.7
E841158		0.10	41.7	320	5.7	6.3	<0.001	0.06	1.03	6.3	1.3	0.2	5.7	<0.01	0.17	14.4
E841159		0.31	27.5	690	30.6	18.7	<0.001	0.05	0.92	4.8	1.4	0.2	9.0	<0.01	0.05	4.4
E841160		0.38	25.5	380	17.9	15.7	<0.001	0.03	0.92	4.6	1.1	0.3	8.3	<0.01	0.05	5.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841121		0.007	3.61	9.01	24	0.06	15.40	52	3.4
E841122		0.007	2.92	14.80	30	0.13	21.00	41	2.8
E841123		0.007	3.56	31.50	46	0.22	20.50	47	6.6
E841124		0.005	4.84	15.05	24	0.07	17.50	57	4.4
E841125		<0.005	3.47	7.52	15	0.06	13.90	45	3.0
E841126		0.007	4.22	10.20	21	0.07	17.40	51	2.4
E841127		0.026	0.65	13.85	57	0.21	44.20	68	2.4
E841128		0.026	0.06	3.88	36	0.25	15.55	27	1.4
E841129		0.022	0.60	3.97	46	0.25	21.30	32	1.4
E841130		0.039	0.86	4.34	42	0.49	16.45	33	2.7
E841131		0.020	1.14	6.02	31	0.32	18.15	22	2.5
E841132		0.021	0.62	4.09	28	0.39	16.15	18	2.3
E841133		0.017	0.78	17.90	31	0.28	15.50	48	4.7
E841134		0.023	1.11	3.83	42	0.17	19.25	131	2.7
E841135		0.018	0.90	3.04	55	0.13	31.30	130	1.6
E841136		0.013	0.33	1.10	28	0.10	19.55	58	1.3
E841137		0.008	0.18	1.22	23	0.19	18.60	32	1.4
E841138		0.006	0.21	1.92	26	0.13	15.90	28	1.9
E841139		0.009	0.18	1.34	16	0.10	21.50	30	1.2
E841140		0.087	0.09	0.99	69	0.27	3.03	50	0.6
E841141		0.048	0.31	9.93	52	0.27	18.90	56	1.5
E841142		0.012	0.62	2.24	32	0.15	36.80	39	1.0
E841143		0.015	1.48	2.82	43	0.17	31.30	51	2.8
E841144		0.019	1.01	2.85	42	0.20	31.50	45	1.7
E841145		0.019	1.04	2.55	42	0.18	31.50	46	1.6
E841146		0.045	0.38	2.78	37	0.30	11.45	32	3.5
E841147		0.045	0.17	2.65	35	0.39	13.65	31	2.5
E841148		0.031	0.27	1.71	30	0.22	18.20	46	2.6
E841149		0.040	0.15	2.19	35	0.36	6.32	24	0.8
E841150		0.026	0.21	2.09	34	0.26	9.99	36	1.0
E841151		0.030	0.22	1.59	30	0.34	14.15	39	1.7
E841152		0.025	0.18	1.10	24	0.13	14.95	34	1.5
E841153		0.054	0.18	1.06	49	0.22	3.79	51	0.6
E841154		0.047	0.25	2.22	41	0.17	22.70	51	1.4
E841155		0.032	0.17	1.91	27	0.11	12.40	243	2.5
E841156		0.012	0.40	1.20	17	0.12	22.90	27	2.3
E841157		0.017	0.26	1.10	17	0.11	15.65	31	2.9
E841158		0.006	0.35	1.64	12	0.09	18.45	21	3.5
E841159		0.027	0.19	0.82	24	0.07	20.70	98	1.7
E841160		0.027	0.19	0.73	22	0.09	16.90	48	2.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841161		0.34	0.005	0.15	1.49	20.0	<0.2	<10	100	1.12	0.65	1.66	0.25	32.70	22.2	15
E841162		0.46	0.005	0.13	1.36	16.9	<0.2	<10	80	0.90	0.52	2.60	0.25	30.10	18.3	14
E841163		0.58	0.021	0.12	1.74	34.1	<0.2	<10	60	2.31	1.35	0.90	0.09	28.90	72.9	14
E841164		0.50	0.015	0.11	1.78	34.5	<0.2	<10	60	2.53	1.39	0.63	0.10	34.10	74.9	15
E841165		0.44	0.012	0.10	1.35	18.0	<0.2	<10	110	3.07	0.74	0.99	0.41	25.00	35.7	11
E841166		0.36	0.016	0.14	1.36	33.1	<0.2	<10	160	0.93	1.13	1.70	0.15	34.20	28.2	15
E841167		0.38	0.010	0.11	1.52	36.8	<0.2	<10	110	1.05	2.21	0.30	0.05	27.10	39.4	18
E841168		0.36	0.005	0.04	1.35	19.0	<0.2	<10	140	0.70	0.87	0.47	0.11	26.20	20.1	19
E841169		0.38	0.013	0.11	1.60	27.1	<0.2	<10	140	0.90	0.76	1.18	0.08	46.40	23.4	20
E841170		0.56	0.015	0.15	2.02	20.3	<0.2	<10	230	1.03	1.09	1.05	0.08	55.80	30.6	26
E841171		0.46	0.021	0.13	1.72	15.7	<0.2	<10	190	0.84	0.58	0.48	0.09	56.90	24.6	24
E841172		0.46	0.011	0.15	1.52	24.1	<0.2	<10	140	0.86	2.21	3.54	0.21	32.50	22.1	20
E841173		0.42	0.016	0.05	1.94	12.3	<0.2	<10	130	0.62	0.49	0.17	0.18	37.00	17.4	27
E841174		0.22	0.011	0.05	3.12	13.9	<0.2	<10	80	0.89	0.39	0.10	0.26	26.70	19.4	30
E841175		0.32	0.013	0.13	2.18	14.5	<0.2	<10	220	1.02	0.44	0.37	0.16	49.80	24.9	33
E841176		0.30	0.011	0.12	1.97	16.2	<0.2	<10	160	0.95	0.55	0.38	0.12	41.00	18.8	25
E841177		0.24	0.006	0.08	1.75	29.8	<0.2	<10	130	0.70	1.18	0.10	0.10	29.90	21.7	26
E841178		0.52	0.010	0.07	1.94	28.1	<0.2	<10	150	0.96	1.32	0.25	0.08	59.50	27.3	25
E841179		0.44	0.014	0.12	1.58	30.8	<0.2	<10	160	0.88	1.09	1.14	0.18	37.70	27.3	19
E841180		0.40	0.015	0.13	1.44	26.8	<0.2	<10	100	1.04	0.76	4.46	0.12	23.30	42.7	13
E841181		0.46	0.021	0.10	1.20	69.0	<0.2	<10	80	1.84	1.22	0.57	0.12	30.10	141.5	12
E841182		0.54	0.025	0.13	1.20	90.1	<0.2	<10	60	1.85	1.52	0.38	0.07	31.90	166.5	11
E841183		0.24	0.006	0.16	2.48	6.8	<0.2	<10	150	3.03	0.36	0.42	0.23	84.10	16.2	39
E841184		0.46	0.005	0.11	2.05	5.6	<0.2	<10	120	2.43	0.35	0.54	0.44	89.80	18.2	33
E841185		0.44	0.009	0.12	1.70	6.0	<0.2	<10	70	1.76	0.41	0.20	0.10	52.10	10.7	26
E841186		0.34	0.008	0.05	2.05	9.3	<0.2	<10	130	1.87	0.37	0.23	0.21	63.50	13.5	26
E841187		0.28	<0.005	0.07	1.70	9.6	<0.2	<10	100	2.24	0.49	0.48	0.21	74.10	20.8	24
E841188		0.44	0.008	0.08	1.81	17.8	<0.2	<10	160	2.68	1.19	1.03	0.14	55.40	17.4	26
E841189		0.30	<0.005	0.97	2.89	54.9	<0.2	<10	90	2.22	1.25	0.06	0.74	74.30	20.6	31
E841190		0.34	0.007	0.52	2.78	35.7	<0.2	<10	100	1.88	1.01	0.05	0.42	85.80	28.0	30
E841191		0.22	0.008	0.49	1.89	56.3	<0.2	<10	80	1.67	1.78	0.07	0.30	196.50	9.1	24
E841192		0.54	0.008	0.85	2.02	74.3	<0.2	<10	100	2.34	3.32	0.03	0.30	145.50	9.5	23
E841193		0.28	0.007	0.66	2.20	60.7	<0.2	<10	170	2.54	1.93	0.07	0.99	178.50	13.4	24
E841194		0.30	0.007	0.92	1.85	39.1	<0.2	<10	160	1.68	0.88	0.13	0.57	154.50	11.2	25
E841195		0.04	<0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.39	0.1	<1
E841196		0.34	0.005	0.88	2.16	23.3	<0.2	<10	280	2.28	1.00	0.16	0.96	125.00	15.9	26
E841197		0.44	0.009	0.63	2.03	39.9	<0.2	<10	70	1.99	0.84	0.06	0.41	195.00	35.9	22
E841198		0.26	0.014	0.38	2.15	43.4	<0.2	<10	70	2.52	0.73	0.06	0.64	421.00	64.5	22
E841199		0.42	0.009	0.33	2.22	30.0	<0.2	<10	50	3.52	1.03	0.05	0.74	460.00	53.3	21
E841200		0.32	<0.005	0.22	1.82	18.6	<0.2	<10	50	1.70	1.03	0.04	0.21	147.50	12.5	22

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841161		1.87	84.9	5.80	4.03	0.15	0.09	0.05	0.187	0.11	16.0	23.7	1.82	5200	1.46	0.01
E841162		2.04	71.9	4.50	3.82	0.17	0.08	0.06	0.137	0.12	14.7	25.9	2.29	3900	1.25	0.01
E841163		1.08	318.0	7.03	4.48	0.13	0.11	0.03	0.355	0.07	13.2	19.6	1.52	5670	3.64	0.01
E841164		1.21	317.0	7.50	4.57	0.14	0.12	0.03	0.393	0.07	15.3	20.4	1.43	6250	3.84	0.01
E841165		0.87	87.5	7.88	3.96	0.14	0.14	0.19	0.479	0.06	10.9	8.3	0.59	10050	1.99	0.01
E841166		1.45	186.0	4.48	3.87	0.15	0.08	0.04	0.127	0.14	16.7	20.6	1.82	3520	2.87	0.01
E841167		1.19	325.0	4.46	4.12	0.12	0.08	0.04	0.172	0.10	13.8	18.4	1.05	2410	1.31	0.01
E841168		1.47	65.7	3.76	4.57	0.08	0.03	0.03	0.071	0.09	12.5	18.1	0.90	1670	1.52	0.01
E841169		1.22	79.9	4.38	5.11	0.15	0.07	0.05	0.051	0.12	24.5	22.3	1.63	2170	2.11	0.01
E841170		1.48	105.0	4.39	6.80	0.15	0.10	0.04	0.042	0.16	28.6	25.1	1.95	1250	2.52	0.01
E841171		1.09	70.8	3.88	5.86	0.14	0.10	0.02	0.032	0.16	29.1	21.1	1.27	932	1.90	0.01
E841172		0.89	67.2	4.65	4.53	0.20	0.09	0.05	0.107	0.09	16.6	17.1	3.16	3340	2.89	0.01
E841173		1.54	39.6	4.58	7.79	0.09	0.02	0.03	0.061	0.08	18.2	31.4	0.86	1110	1.91	0.01
E841174		1.27	38.2	4.25	6.48	0.08	0.04	0.08	0.054	0.06	13.0	34.8	0.46	431	1.58	0.01
E841175		1.70	114.5	4.27	7.17	0.15	0.05	0.05	0.071	0.11	28.3	22.6	1.39	1970	1.67	0.01
E841176		1.73	46.9	3.90	6.41	0.10	0.05	0.04	0.060	0.08	19.8	22.6	0.92	1110	1.70	0.01
E841177		2.00	82.9	5.05	6.82	0.09	0.02	0.03	0.096	0.07	14.2	26.3	0.67	945	1.83	0.01
E841178		1.51	141.5	4.95	6.27	0.14	0.07	0.03	0.113	0.11	29.2	21.1	0.95	2290	1.40	0.01
E841179		1.76	120.5	4.93	4.95	0.17	0.07	0.08	0.094	0.12	19.5	21.3	1.45	3010	1.63	0.01
E841180		1.64	135.5	3.76	3.83	0.12	0.08	0.04	0.118	0.14	12.0	28.7	3.92	2840	2.39	0.01
E841181		0.74	413.0	6.48	4.08	0.12	0.13	0.08	0.340	0.07	15.2	11.5	0.75	5380	8.00	0.01
E841182		0.84	376.0	6.31	4.30	0.13	0.10	0.05	0.295	0.08	16.2	13.2	1.02	4850	8.47	0.01
E841183		6.96	29.7	3.18	11.95	0.18	0.09	0.08	0.054	0.06	50.4	48.7	1.46	2930	0.87	0.01
E841184		5.53	40.2	2.88	9.87	0.16	0.05	0.13	0.043	0.07	47.3	41.0	1.22	1910	0.84	0.01
E841185		4.41	17.8	2.84	8.01	0.08	0.02	0.08	0.042	0.06	21.3	35.6	0.67	1160	1.00	0.01
E841186		3.72	27.0	3.01	7.49	0.09	0.03	0.08	0.045	0.06	24.4	28.7	0.61	1410	1.37	0.01
E841187		6.16	18.7	2.92	8.38	0.10	0.03	0.05	0.041	0.05	26.7	29.5	0.61	1950	1.46	0.01
E841188		8.15	99.6	3.03	7.12	0.13	0.08	0.05	0.044	0.09	37.2	35.3	0.83	2080	2.01	0.01
E841189		6.69	146.0	5.53	7.05	0.13	0.04	0.08	0.262	0.10	35.4	35.2	0.55	1080	6.41	0.02
E841190		5.69	77.1	6.42	7.13	0.17	0.04	0.09	0.064	0.14	37.8	24.8	0.53	670	6.81	0.02
E841191		5.48	89.7	4.63	6.13	0.25	0.06	0.06	0.065	0.06	98.7	23.2	0.44	465	8.54	0.02
E841192		6.39	91.9	5.44	7.26	0.23	0.04	0.05	0.076	0.08	73.4	28.7	0.46	700	11.65	0.04
E841193		6.64	100.5	5.25	7.27	0.26	0.06	0.07	0.069	0.07	85.8	35.2	0.51	788	6.98	0.06
E841194		6.60	72.6	4.79	7.33	0.24	0.06	0.07	0.096	0.09	84.2	35.3	0.76	1010	4.48	0.02
E841195		<0.05	0.8	0.03	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.2	<0.01	<5	0.07	<0.01
E841196		9.92	58.1	4.46	8.52	0.21	0.08	0.08	0.112	0.10	62.8	33.9	0.80	2470	3.25	0.02
E841197		6.83	81.8	4.10	6.45	0.19	0.08	0.07	0.085	0.06	67.0	36.1	0.57	1690	4.24	0.02
E841198		5.46	69.3	4.03	7.55	0.26	0.11	0.05	0.058	0.06	89.4	34.3	0.51	1400	2.86	0.01
E841199		6.34	92.6	4.42	7.45	0.26	0.09	0.03	0.059	0.05	95.3	40.5	0.54	1050	4.44	0.01
E841200		4.97	54.4	4.04	6.32	0.12	0.04	0.05	0.068	0.05	51.7	26.5	0.36	515	4.29	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841161		0.29	28.6	610	26.6	15.6	<0.001	0.04	1.05	5.5	1.2	0.2	10.9	<0.01	0.06	6.4
E841162		0.26	25.8	670	21.1	16.7	<0.001	0.06	0.91	4.7	1.2	0.2	11.4	<0.01	0.05	4.4
E841163		0.08	48.2	320	8.2	6.3	<0.001	0.07	1.23	7.7	1.4	0.2	8.8	<0.01	0.11	17.4
E841164		0.09	49.1	340	9.0	6.6	<0.001	0.06	1.28	8.3	1.4	0.2	8.0	<0.01	0.11	19.0
E841165		0.17	30.9	1640	16.9	7.7	<0.001	0.14	0.91	5.0	2.4	0.2	17.2	0.01	0.10	3.9
E841166		0.26	35.2	630	19.6	16.4	<0.001	0.04	0.97	4.8	1.1	0.2	8.2	<0.01	0.06	6.6
E841167		0.33	43.0	340	6.7	13.0	<0.001	0.03	1.16	5.0	1.0	0.2	7.9	<0.01	0.06	6.6
E841168		0.35	22.7	860	8.2	15.6	<0.001	0.06	0.62	2.4	0.7	0.3	7.4	<0.01	0.08	3.1
E841169		0.30	34.2	650	10.0	16.5	<0.001	0.05	0.77	4.7	1.0	0.4	7.1	<0.01	0.08	8.3
E841170		0.36	38.9	730	7.6	18.1	<0.001	0.04	0.75	6.0	0.8	0.5	11.5	<0.01	0.10	12.5
E841171		0.39	32.0	690	5.5	16.4	<0.001	0.04	0.58	4.6	0.7	0.4	8.8	<0.01	0.09	11.8
E841172		0.49	29.4	780	15.9	10.9	<0.001	0.04	1.21	4.8	1.1	0.3	20.7	<0.01	0.07	4.6
E841173		0.93	26.4	490	9.9	21.5	<0.001	0.03	0.62	4.7	0.5	0.6	9.4	<0.01	0.08	5.3
E841174		1.62	30.3	430	18.1	13.7	<0.001	0.03	0.77	4.1	0.7	0.5	9.2	0.02	0.07	5.2
E841175		0.73	38.8	850	8.7	25.3	<0.001	0.02	0.69	8.1	0.9	0.6	19.9	<0.01	0.07	6.2
E841176		0.70	32.0	660	10.5	19.4	<0.001	0.04	0.66	5.0	0.9	0.5	11.3	<0.01	0.09	4.3
E841177		0.99	24.0	360	13.6	15.8	<0.001	0.02	1.07	2.8	0.6	0.5	9.9	<0.01	0.08	4.3
E841178		0.34	37.6	630	8.7	17.2	<0.001	0.03	0.81	4.5	0.9	0.4	6.7	<0.01	0.07	7.5
E841179		0.37	37.4	860	13.4	20.5	<0.001	0.07	0.93	5.0	1.4	0.3	9.9	<0.01	0.08	3.5
E841180		0.16	32.1	500	22.5	12.8	<0.001	0.04	0.83	6.3	1.0	0.3	14.0	<0.01	0.10	9.4
E841181		0.14	71.6	640	6.2	8.5	<0.001	0.07	1.07	13.7	2.0	0.3	7.4	0.01	0.25	12.1
E841182		0.10	92.4	420	4.9	6.6	<0.001	0.08	1.19	13.9	1.6	0.3	5.5	0.01	0.33	17.0
E841183		1.18	42.6	910	14.1	17.6	<0.001	0.05	0.60	9.5	1.8	0.8	11.8	0.01	0.06	15.5
E841184		1.35	38.3	930	17.8	17.7	<0.001	0.05	0.64	5.0	1.3	0.7	10.7	0.01	0.05	7.8
E841185		0.79	21.3	1090	9.8	18.9	<0.001	0.08	0.58	1.7	0.9	0.6	8.7	<0.01	0.06	1.2
E841186		0.87	24.8	980	13.8	15.5	<0.001	0.06	0.60	2.7	1.0	0.6	11.4	<0.01	0.07	3.6
E841187		0.75	25.2	1310	16.3	16.8	<0.001	0.08	0.68	2.2	1.1	0.6	11.3	0.01	0.07	2.4
E841188		0.84	35.1	1240	6.8	18.4	<0.001	0.08	1.10	4.2	1.4	0.5	12.5	0.01	0.06	5.7
E841189		1.50	27.8	1370	157.0	19.1	<0.001	0.18	4.93	2.5	1.7	0.6	13.5	0.01	0.16	7.0
E841190		1.13	30.9	1980	78.5	23.8	<0.001	0.25	2.03	2.8	2.2	0.6	15.8	0.01	0.18	8.0
E841191		1.29	23.0	1630	52.8	8.6	<0.001	0.16	3.82	2.2	2.5	0.4	23.9	0.01	0.24	10.8
E841192		1.36	16.0	1770	195.5	12.6	<0.001	0.26	4.88	2.5	2.6	0.5	22.8	0.01	0.34	17.2
E841193		0.94	33.0	1530	209.0	13.8	<0.001	0.30	4.16	2.2	2.7	0.5	19.6	0.01	0.18	10.2
E841194		0.72	26.5	1000	430.0	11.4	<0.001	0.17	5.08	3.9	1.5	0.4	13.4	0.01	0.10	24.7
E841195		<0.05	0.3	10	1.6	0.2	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.4
E841196		0.37	27.9	1310	409.0	21.6	<0.001	0.19	2.63	4.5	1.7	0.5	11.2	0.01	0.10	10.9
E841197		0.57	45.2	1030	226.0	11.6	<0.001	0.10	5.23	2.4	1.6	0.4	9.0	0.01	0.09	13.4
E841198		1.17	79.8	1090	150.0	11.3	0.001	0.06	2.40	2.3	2.3	0.4	8.3	0.01	0.10	10.7
E841199		1.52	71.7	990	79.2	9.9	<0.001	0.07	2.54	2.1	2.1	0.4	9.4	0.01	0.11	12.6
E841200		0.55	30.4	1030	32.5	11.2	<0.001	0.10	2.42	1.1	1.4	0.5	10.6	0.01	0.12	3.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841161		0.023	0.22	0.91	21	0.09	19.80	73	2.1
E841162		0.022	0.24	0.68	17	0.07	17.60	73	1.7
E841163		<0.005	0.18	1.47	13	0.06	20.60	27	3.9
E841164		0.005	0.19	1.56	14	0.05	21.80	28	3.9
E841165		0.012	0.17	1.79	20	0.08	32.60	89	2.6
E841166		0.024	0.18	1.17	22	0.11	18.00	51	2.1
E841167		0.023	0.10	0.81	21	0.08	16.10	25	2.2
E841168		0.026	0.11	0.86	25	0.13	4.28	30	0.8
E841169		0.031	0.22	2.15	29	0.23	13.60	38	1.9
E841170		0.053	0.32	2.23	44	0.26	10.40	37	3.9
E841171		0.039	0.21	1.99	32	0.31	8.60	33	3.3
E841172		0.037	0.77	1.97	39	0.29	16.95	48	2.2
E841173		0.048	0.44	1.51	54	0.24	4.03	52	0.5
E841174		0.061	0.18	1.18	51	0.24	3.65	52	1.3
E841175		0.095	0.23	2.19	65	0.25	15.95	54	1.3
E841176		0.045	0.29	2.68	45	0.21	13.10	48	1.2
E841177		0.046	0.16	0.87	46	0.17	3.39	45	0.6
E841178		0.024	0.20	1.66	32	0.21	10.70	31	1.3
E841179		0.032	0.22	1.50	31	0.13	18.50	54	1.4
E841180		0.016	0.20	1.78	20	0.18	13.25	69	2.4
E841181		0.007	0.18	3.58	18	0.19	24.70	23	3.0
E841182		0.006	0.11	3.23	16	0.22	19.75	20	3.2
E841183		0.053	0.11	13.90	47	0.55	43.90	91	1.1
E841184		0.063	0.08	3.98	36	0.58	29.90	115	<0.5
E841185		0.042	0.10	2.17	38	0.57	9.48	53	<0.5
E841186		0.037	0.15	3.06	46	0.41	13.60	66	1.4
E841187		0.037	0.10	3.61	39	0.48	16.30	119	<0.5
E841188		0.032	0.12	5.59	33	0.32	28.90	206	1.1
E841189		0.055	0.22	3.92	42	0.28	13.65	500	0.5
E841190		0.058	0.36	4.40	43	0.23	16.20	231	0.5
E841191		0.036	0.18	9.38	32	0.51	22.90	121	0.5
E841192		0.044	0.24	9.31	25	0.46	25.60	206	<0.5
E841193		0.029	0.19	8.72	29	0.31	36.80	335	<0.5
E841194		0.013	0.14	5.75	25	0.20	21.00	247	1.3
E841195		<0.005	<0.02	0.12	<1	<0.05	0.65	4	0.5
E841196		0.014	0.18	4.03	35	0.17	24.20	466	1.1
E841197		0.016	0.17	4.53	28	0.19	16.30	360	1.5
E841198		0.016	0.13	3.82	26	0.42	31.20	377	1.6
E841199		0.019	0.16	4.92	22	0.30	34.60	361	1.1
E841200		0.019	0.15	3.30	33	0.26	13.05	143	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841201		0.66	0.017	0.40	2.16	31.5	<0.2	<10	80	2.67	2.01	0.05	0.24	211.00	27.5	26
E841202		0.34	0.007	0.19	1.87	23.9	<0.2	<10	80	2.10	1.58	0.07	0.59	323.00	31.9	24
E841203		0.30	0.008	0.40	1.85	30.5	<0.2	<10	60	2.12	1.54	0.03	0.58	254.00	15.7	22
E841204		0.42	0.005	0.21	2.47	33.8	<0.2	<10	80	1.82	1.76	0.04	0.18	278.00	25.8	28
E841205		0.34	0.006	0.32	1.86	38.2	<0.2	<10	80	1.65	0.62	0.05	0.45	145.00	33.0	24
E841206		0.54	<0.005	0.11	1.34	9.2	<0.2	<10	140	1.13	1.62	0.08	0.13	99.20	12.8	23
E841207		0.54	0.008	0.05	1.98	2.3	<0.2	<10	320	1.57	0.33	0.11	0.07	127.50	10.7	29
E841208		0.34	<0.005	0.08	2.15	9.2	<0.2	<10	420	2.56	3.32	0.56	0.38	269.00	17.9	26
E841209		0.76	0.014	1.14	2.40	52.6	<0.2	<10	110	2.06	1.88	0.03	0.98	154.00	11.2	25
E841210		0.42	0.005	0.37	1.81	131.5	<0.2	<10	60	1.40	13.20	0.07	0.16	106.00	47.1	25
E841211		0.30	0.006	0.07	1.85	7.2	<0.2	<10	120	1.83	0.64	0.51	0.24	64.20	18.1	26
E841212		0.38	0.007	0.26	1.96	4.3	<0.2	<10	90	1.70	0.39	0.44	0.15	72.00	16.2	28
E841213		0.28	0.005	0.12	2.38	5.0	<0.2	<10	150	2.05	0.35	0.35	0.21	120.50	14.2	30
E841214		0.22	<0.005	0.06	2.21	4.0	<0.2	<10	350	2.02	0.38	0.82	0.10	66.40	11.7	29
E841215		0.20	0.008	0.08	2.06	6.4	<0.2	<10	130	2.72	0.48	0.39	0.27	58.70	14.4	27
E841216		0.22	0.007	0.06	1.87	7.5	<0.2	<10	120	2.48	0.33	0.80	0.21	62.00	11.0	24
E841217		0.32	0.011	0.12	1.69	15.3	<0.2	<10	520	2.97	0.31	2.19	0.24	64.60	9.2	15
E841218		0.18	0.016	0.10	1.27	4.4	<0.2	<10	140	1.38	0.22	2.07	0.16	27.30	8.0	22
E841219		0.58	0.006	0.05	1.86	5.8	<0.2	<10	100	1.77	0.31	0.48	0.13	44.10	10.6	29
E841220		0.24	0.005	0.10	1.41	6.3	<0.2	<10	50	0.57	0.51	0.08	0.14	23.30	5.3	18
E841221		0.18	0.009	0.12	1.54	6.7	<0.2	<10	60	0.72	0.71	0.12	0.13	27.40	5.3	19
E841222		0.30	<0.005	0.06	1.32	5.9	<0.2	<10	50	0.74	0.47	0.17	0.06	28.50	7.3	20
E841223		0.24	0.005	0.09	1.77	8.9	<0.2	<10	120	1.22	0.29	0.10	0.14	48.60	15.1	22
E841224		0.56	0.005	0.06	1.80	5.5	<0.2	<10	150	1.81	0.26	0.39	0.17	91.30	12.3	30
E841225		0.76	<0.005	0.08	1.92	3.9	<0.2	<10	110	2.03	0.33	0.64	0.21	64.60	12.7	34
E841226		0.62	0.006	0.24	2.34	5.0	<0.2	<10	190	2.85	0.50	0.70	0.23	58.70	12.7	30
E841227		0.50	0.009	0.10	2.18	5.6	<0.2	<10	100	2.32	0.53	0.48	0.14	69.60	19.6	30
E841228		0.84	0.008	0.09	2.28	6.2	<0.2	<10	130	3.06	0.77	0.26	0.18	83.60	22.3	80
E841229		0.28	0.006	0.09	1.72	5.1	<0.2	<10	100	1.57	0.37	0.07	0.09	69.10	9.5	23
E841230		0.24	0.023	0.13	1.61	28.5	<0.2	<10	110	0.80	2.60	3.79	0.09	28.70	73.3	18
E841231		0.40	0.056	0.14	1.35	42.4	<0.2	<10	70	0.70	2.80	4.52	0.06	22.60	86.3	18
E841232		0.40	0.027	0.12	1.22	36.9	<0.2	<10	70	0.70	3.34	4.54	0.06	24.80	71.8	16
E841233		0.36	0.016	0.13	1.42	33.4	<0.2	<10	70	0.70	3.12	3.40	0.09	29.70	75.5	16
E841234		0.38	0.019	0.13	1.88	32.2	<0.2	<10	210	0.90	1.61	0.52	0.13	40.30	46.1	24
E841235		0.24	0.013	0.19	2.04	29.1	<0.2	<10	210	0.89	0.90	1.37	0.16	28.10	26.7	26
E841236		0.56	0.072	0.16	1.36	40.0	<0.2	<10	150	0.83	2.43	2.10	0.10	28.80	186.5	20
E841237		0.26	0.032	0.12	1.95	28.9	<0.2	<10	240	1.36	1.87	0.35	0.09	39.70	106.0	26
E841238		0.84	0.020	0.06	1.00	10.3	<0.2	<10	60	0.63	0.71	0.46	0.05	33.80	66.4	25
E841239		0.34	0.015	0.14	3.00	59.3	<0.2	<10	80	2.04	2.79	0.40	0.15	29.70	91.2	32
E841240		0.36	0.026	0.07	0.95	9.6	<0.2	<10	60	0.64	0.55	0.86	0.05	31.10	79.8	26

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841201		5.71	122.5	5.44	6.97	0.25	0.08	0.07	0.079	0.06	95.4	35.9	0.56	781	6.08	0.02
E841202		5.72	91.1	4.09	6.89	0.21	0.07	0.04	0.060	0.05	96.8	36.9	0.46	704	2.96	0.01
E841203		3.11	99.5	4.36	6.50	0.15	0.08	0.08	0.064	0.04	78.1	31.6	0.35	392	5.32	0.02
E841204		5.07	85.5	5.62	8.55	0.21	0.06	0.03	0.064	0.07	98.4	38.0	0.55	761	5.29	0.03
E841205		6.56	90.1	3.77	6.12	0.17	0.05	0.03	0.069	0.07	55.8	33.7	0.61	1120	3.11	0.01
E841206		3.99	69.9	2.87	4.59	0.09	0.03	0.01	0.045	0.08	50.7	21.3	0.53	543	0.94	0.01
E841207		2.48	63.8	2.79	8.50	0.29	0.07	0.03	0.061	0.07	90.3	31.0	1.13	2550	0.54	<0.01
E841208		5.49	127.0	3.46	10.65	0.42	0.14	0.10	0.222	0.07	157.0	30.4	0.88	6160	1.17	0.01
E841209		7.19	91.7	6.38	7.81	0.27	0.07	0.04	0.104	0.14	78.8	43.3	0.65	878	10.15	0.06
E841210		10.20	336.0	3.70	6.36	0.15	0.05	0.07	0.059	0.07	46.7	39.7	0.58	1410	2.51	0.01
E841211		6.65	27.3	3.18	8.36	0.11	0.04	0.07	0.047	0.06	30.7	28.2	0.76	2470	1.19	0.01
E841212		4.53	9.1	3.00	9.63	0.11	0.03	0.07	0.060	0.06	27.1	47.2	0.95	3260	0.68	0.01
E841213		7.63	18.0	3.30	9.76	0.17	0.05	0.07	0.062	0.06	62.8	42.3	1.01	3050	1.67	0.01
E841214		6.16	12.7	2.92	10.70	0.12	0.05	0.06	0.067	0.06	33.3	38.3	0.99	2470	1.02	0.01
E841215		8.36	14.7	3.15	10.80	0.09	0.02	0.12	0.059	0.06	21.6	32.3	0.72	3500	1.42	0.01
E841216		8.71	11.9	2.44	8.78	0.10	0.03	0.08	0.033	0.05	22.3	26.4	0.63	3070	1.22	0.01
E841217		9.98	15.7	3.28	7.61	0.21	0.17	0.14	0.183	0.06	45.5	23.7	1.20	15700	2.27	0.01
E841218		4.60	12.2	1.55	5.42	0.07	0.05	0.13	0.025	0.04	16.1	14.9	0.41	1750	1.94	0.02
E841219		5.54	10.9	2.49	8.65	0.10	0.04	0.08	0.029	0.05	20.2	30.6	1.03	1750	0.68	0.01
E841220		3.47	14.8	2.45	6.17	0.06	<0.02	0.13	0.027	0.04	9.5	13.5	0.18	356	1.15	0.01
E841221		3.42	15.8	2.43	6.28	0.06	<0.02	0.12	0.029	0.05	10.3	14.2	0.18	352	1.19	0.01
E841222		5.51	18.6	2.64	6.61	0.06	<0.02	0.06	0.025	0.04	13.4	17.5	0.26	571	1.06	0.01
E841223		3.24	95.2	2.93	6.09	0.08	0.03	0.14	0.036	0.05	19.2	20.9	0.37	1430	1.24	0.01
E841224		3.76	20.7	2.74	8.75	0.14	0.04	0.05	0.040	0.05	40.8	32.7	0.96	1940	0.77	0.01
E841225		4.64	15.8	2.63	9.50	0.12	0.04	0.04	0.033	0.06	34.3	38.5	1.13	1830	0.80	0.01
E841226		4.54	14.5	2.91	8.92	0.10	0.03	0.17	0.043	0.05	28.4	41.6	0.78	3860	1.46	0.01
E841227		5.27	36.9	3.26	9.96	0.12	0.03	0.08	0.039	0.06	28.5	36.4	0.94	2390	0.98	0.01
E841228		5.76	80.6	3.97	8.87	0.12	0.03	0.22	0.051	0.06	27.9	30.9	0.87	2920	1.39	0.01
E841229		3.73	11.8	3.16	11.40	0.10	0.03	0.10	0.030	0.05	32.3	23.9	0.65	607	1.85	0.01
E841230		0.64	550.0	5.85	5.38	0.14	0.09	0.04	0.225	0.06	14.8	16.6	2.68	5750	9.17	0.02
E841231		0.46	766.0	5.28	4.57	0.14	0.09	0.03	0.202	0.05	12.0	14.6	3.41	4790	10.20	0.02
E841232		0.45	615.0	5.18	4.23	0.13	0.07	0.03	0.189	0.04	13.2	14.2	3.62	4850	10.35	0.02
E841233		0.52	459.0	5.71	4.76	0.14	0.09	0.03	0.204	0.06	15.4	16.2	2.46	5460	11.45	0.01
E841234		1.03	338.0	5.57	6.19	0.15	0.10	0.05	0.174	0.08	21.0	19.9	1.15	4200	5.44	0.01
E841235		1.72	145.0	4.65	6.23	0.12	0.10	0.07	0.091	0.12	16.0	24.2	1.62	2020	1.92	0.01
E841236		1.27	191.5	6.04	4.63	0.17	0.09	0.09	0.103	0.08	15.1	18.0	1.89	2150	9.65	0.02
E841237		1.10	170.5	7.44	6.80	0.15	0.13	0.06	0.212	0.05	21.8	20.1	1.05	5780	13.45	0.01
E841238		0.59	44.7	4.92	4.27	0.13	0.07	0.03	0.069	0.04	17.8	14.2	0.81	2530	5.06	0.01
E841239		1.68	333.0	8.27	8.53	0.19	0.16	0.08	0.732	0.05	14.6	30.2	2.16	6580	4.83	0.01
E841240		0.62	36.8	5.33	4.37	0.13	0.07	0.03	0.072	0.04	16.7	14.0	0.87	3030	6.49	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
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CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841201		0.94	48.8	1600	77.8	10.1	<0.001	0.13	3.88	2.6	2.7	0.5	14.2	0.01	0.21	13.2
E841202		0.81	49.5	880	49.1	9.1	<0.001	0.08	3.97	2.3	1.8	0.4	12.5	0.01	0.11	11.8
E841203		0.72	43.5	960	148.0	9.9	<0.001	0.15	4.28	1.7	2.2	0.5	10.8	0.01	0.19	7.9
E841204		0.76	47.4	1570	49.6	14.9	<0.001	0.12	3.19	3.5	2.3	0.6	16.9	0.01	0.19	18.8
E841205		0.60	44.8	720	150.5	11.4	<0.001	0.06	5.45	2.4	1.1	0.4	7.7	<0.01	0.07	13.2
E841206		0.21	27.3	600	23.9	14.7	<0.001	0.06	1.01	1.8	0.5	0.4	6.1	<0.01	0.05	5.4
E841207		0.13	26.3	840	5.5	12.4	<0.001	0.02	0.34	5.1	1.6	0.5	3.1	0.01	0.04	13.6
E841208		0.40	28.7	1540	16.1	21.3	0.001	0.09	0.81	10.0	3.6	0.6	11.4	0.02	0.13	5.8
E841209		1.91	18.9	1500	124.5	16.8	0.001	0.44	4.11	3.5	2.7	0.6	35.9	0.01	0.20	33.0
E841210		0.39	29.4	870	10.7	16.5	<0.001	0.07	26.90	1.6	1.0	0.4	5.0	0.01	0.07	7.2
E841211		0.70	25.4	1560	14.5	18.9	<0.001	0.11	0.78	2.6	1.2	0.5	11.9	0.01	0.09	2.5
E841212		1.17	26.8	1050	10.1	19.8	<0.001	0.07	0.55	2.8	0.9	0.6	11.5	0.01	0.08	3.5
E841213		0.71	28.7	1230	13.8	20.5	<0.001	0.10	0.79	2.0	1.7	0.6	9.0	0.01	0.07	3.0
E841214		0.75	26.4	1450	10.3	20.8	<0.001	0.12	0.48	2.8	1.5	0.6	10.4	0.01	0.07	4.6
E841215		0.75	21.9	1750	14.1	26.2	<0.001	0.14	0.66	2.1	1.2	0.8	13.4	0.01	0.11	1.3
E841216		1.01	23.0	1150	11.8	13.5	<0.001	0.11	0.62	2.2	1.2	0.7	18.6	0.01	0.08	1.9
E841217		0.29	19.2	1450	9.8	21.7	0.001	0.14	1.23	13.1	5.2	0.3	18.8	0.03	0.09	1.9
E841218		0.79	18.7	1630	7.3	12.4	<0.001	0.19	0.54	1.5	1.6	0.3	19.7	0.01	0.08	1.5
E841219		0.84	27.4	1060	7.7	14.7	<0.001	0.07	0.50	3.7	1.1	0.6	10.7	0.01	0.07	4.2
E841220		1.92	11.1	780	8.2	15.5	<0.001	0.08	0.64	1.3	0.9	0.7	7.1	0.01	0.16	1.1
E841221		2.03	11.2	810	7.9	14.5	<0.001	0.08	0.66	1.4	0.9	0.7	7.5	0.01	0.21	1.1
E841222		1.17	12.1	640	13.6	10.5	<0.001	0.06	0.71	1.6	0.7	0.6	37.9	0.03	0.07	1.3
E841223		1.32	22.3	600	16.3	14.6	<0.001	0.07	0.87	2.4	1.0	0.6	9.9	0.01	0.06	2.7
E841224		0.93	30.8	1050	8.6	13.3	<0.001	0.05	0.54	4.6	1.2	0.6	12.4	0.01	0.06	8.4
E841225		1.38	32.4	1070	8.3	17.8	<0.001	0.06	0.54	4.4	1.1	0.7	13.3	0.01	0.05	9.2
E841226		1.22	26.3	1540	13.4	19.5	<0.001	0.12	0.58	1.9	1.4	0.7	13.2	0.01	0.10	2.5
E841227		1.39	31.2	1130	11.8	17.7	<0.001	0.07	0.72	3.0	1.1	0.7	29.7	0.01	0.11	4.4
E841228		1.43	41.7	1530	13.8	20.7	<0.001	0.11	0.75	2.5	1.4	0.7	13.4	0.01	0.11	2.7
E841229		0.55	18.0	1040	11.4	19.3	<0.001	0.09	0.67	2.1	1.0	0.6	5.5	<0.01	0.07	2.4
E841230		0.17	41.8	760	8.7	7.1	<0.001	0.08	0.97	7.8	1.6	0.3	12.9	<0.01	0.16	7.9
E841231		0.13	51.6	620	8.1	4.6	<0.001	0.07	1.23	6.0	1.5	0.3	15.2	<0.01	0.16	8.5
E841232		0.14	41.9	700	9.0	4.9	<0.001	0.07	1.02	5.5	1.5	0.3	15.1	<0.01	0.13	7.4
E841233		0.15	38.3	780	9.0	6.8	<0.001	0.07	0.90	6.8	1.6	0.3	11.3	<0.01	0.13	9.7
E841234		0.39	40.8	620	10.5	14.5	<0.001	0.06	0.93	6.8	1.6	0.4	7.7	<0.01	0.13	6.1
E841235		0.60	35.7	830	13.0	23.1	<0.001	0.06	0.75	6.2	1.5	0.4	12.9	<0.01	0.09	4.3
E841236		0.29	59.3	780	13.1	7.7	0.001	0.20	1.16	8.2	3.1	0.5	12.7	<0.01	1.20	16.4
E841237		0.21	58.3	790	9.2	8.8	<0.001	0.07	0.97	20.3	2.0	0.5	5.7	0.01	0.39	18.1
E841238		0.14	37.4	860	4.5	4.4	<0.001	0.06	0.59	10.0	0.9	0.6	4.0	<0.01	0.18	15.8
E841239		0.22	39.1	860	14.6	7.4	<0.001	0.07	2.01	12.0	1.5	0.5	8.1	0.01	0.11	14.5
E841240		0.15	41.0	910	5.1	4.2	<0.001	0.07	0.51	11.7	1.1	0.6	5.9	<0.01	0.21	17.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841201		0.016	0.21	6.50	28	0.25	29.80	229	0.8
E841202		0.023	0.15	4.82	31	0.38	19.40	296	1.2
E841203		0.016	0.15	3.61	31	0.46	15.70	309	1.7
E841204		0.026	0.23	4.43	41	2.69	17.35	162	0.9
E841205		0.019	0.15	3.22	29	0.16	12.85	332	0.7
E841206		0.017	0.09	2.26	27	0.08	8.27	85	<0.5
E841207		0.011	0.08	3.93	29	0.15	34.60	47	0.6
E841208		0.021	0.14	7.02	39	0.52	96.00	90	1.0
E841209		0.080	0.23	11.50	27	0.31	28.00	373	1.1
E841210		0.018	0.14	2.72	31	0.11	11.40	81	0.8
E841211		0.037	0.12	3.16	42	0.45	22.70	76	0.5
E841212		0.062	0.11	1.93	35	0.60	13.95	60	<0.5
E841213		0.030	0.13	4.36	39	0.37	32.40	56	<0.5
E841214		0.025	0.13	4.54	38	0.34	28.60	47	<0.5
E841215		0.038	0.17	2.18	47	0.87	16.25	58	<0.5
E841216		0.042	0.12	2.11	38	1.07	16.30	48	<0.5
E841217		0.012	0.16	6.03	26	11.75	168.50	42	0.9
E841218		0.021	0.09	4.87	21	0.46	17.90	29	1.0
E841219		0.037	0.08	2.27	41	0.57	15.80	47	0.5
E841220		0.053	0.10	1.02	42	0.52	4.68	29	<0.5
E841221		0.053	0.10	1.03	42	0.54	5.15	30	<0.5
E841222		0.043	0.10	1.20	41	0.44	3.31	33	<0.5
E841223		0.048	0.13	1.27	42	0.35	6.72	53	0.5
E841224		0.044	0.08	3.59	40	0.52	23.80	57	0.5
E841225		0.052	0.09	7.46	37	0.57	20.80	50	0.5
E841226		0.042	0.14	4.55	34	0.45	21.50	51	<0.5
E841227		0.053	0.11	4.13	40	1.10	16.15	60	<0.5
E841228		0.044	0.14	5.44	46	1.04	15.75	51	<0.5
E841229		0.015	0.18	1.53	51	0.24	9.52	30	<0.5
E841230		0.013	0.84	2.92	36	0.26	18.80	25	2.0
E841231		0.011	0.67	2.66	28	0.23	16.05	19	2.2
E841232		0.012	0.75	2.72	29	0.52	15.95	18	1.8
E841233		0.012	0.75	3.08	31	0.30	18.30	21	2.0
E841234		0.029	0.40	2.67	39	0.23	18.25	39	2.1
E841235		0.040	0.28	2.50	42	0.15	17.10	69	2.1
E841236		0.025	0.40	9.72	30	0.29	12.15	43	2.8
E841237		0.016	0.13	15.70	38	0.25	23.30	33	3.0
E841238		0.028	0.07	7.80	38	0.38	11.10	26	1.9
E841239		0.018	0.75	2.67	33	0.14	22.10	47	3.6
E841240		0.030	0.06	6.42	40	0.41	12.15	22	2.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 12-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841241		0.34	0.018	0.19	2.37	49.4	<0.2	<10	170	2.24	5.57	0.24	0.08	49.50	99.0	28
E841242		0.32	0.014	0.16	1.51	69.2	<0.2	<10	290	1.63	5.44	0.21	0.06	58.10	71.4	23
E841243		0.52	0.014	0.11	1.91	75.5	<0.2	<10	130	1.63	5.67	0.16	0.21	33.80	74.6	26
E841244		0.30	0.006	0.07	1.79	41.4	<0.2	<10	140	1.72	1.43	0.36	0.33	28.40	63.1	18
E841245		0.46	0.008	0.07	1.55	33.6	<0.2	<10	120	1.60	1.78	1.02	0.40	28.10	51.4	16
E841246		0.20	<0.005	0.09	1.05	23.6	<0.2	<10	120	0.90	0.74	0.89	0.35	29.10	35.0	12
E841247		0.30	0.006	0.07	1.26	18.4	<0.2	<10	160	1.02	0.90	0.91	0.38	24.10	34.6	13
E841248		0.30	0.007	0.17	1.96	31.8	<0.2	<10	90	1.10	0.87	1.07	0.22	28.10	30.0	20
E841249		0.56	0.006	0.16	1.45	25.2	<0.2	<10	70	0.84	0.73	3.35	0.15	29.40	25.8	15
E841250		0.32	0.013	0.09	1.52	20.1	<0.2	<10	350	1.54	0.76	2.61	0.07	35.90	37.0	16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841241		1.16	369.0	7.01	6.68	0.18	0.17	0.05	0.277	0.08	26.6	27.4	1.41	3920	7.66	0.01
E841242		1.15	300.0	5.50	5.40	0.17	0.10	0.03	0.124	0.09	30.0	20.4	0.85	2600	4.07	0.01
E841243		1.58	187.0	9.37	6.05	0.17	0.08	0.10	0.227	0.05	16.3	18.0	0.85	3960	7.82	0.01
E841244		1.88	93.6	5.60	5.88	0.12	0.07	0.13	0.386	0.06	14.6	18.5	0.93	4940	2.27	0.01
E841245		1.69	289.0	6.06	4.38	0.16	0.11	0.09	0.205	0.12	14.3	19.1	1.07	6460	1.72	0.01
E841246		0.76	86.8	6.65	3.21	0.14	0.07	0.06	0.202	0.05	13.9	9.4	0.69	6690	2.05	0.02
E841247		1.42	61.8	4.91	4.26	0.09	0.05	0.11	0.140	0.06	11.4	9.2	0.59	5860	2.28	0.01
E841248		3.66	105.0	6.09	5.51	0.20	0.08	0.09	0.172	0.16	14.6	37.5	1.95	4510	1.59	0.01
E841249		2.60	84.5	3.99	4.04	0.17	0.08	0.04	0.097	0.14	15.2	26.6	2.80	2300	1.41	0.02
E841250		2.14	92.6	4.47	4.79	0.15	0.10	0.02	0.072	0.17	18.1	20.5	2.32	8020	8.52	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841241		0.18	68.8	730	9.0	7.1	<0.001	0.11	2.68	13.2	1.5	0.5	6.0	<0.01	0.24	24.6
E841242		0.15	60.6	790	6.8	7.1	<0.001	0.17	1.11	9.4	1.1	0.5	6.0	<0.01	0.22	22.3
E841243		0.31	44.2	1090	18.8	7.9	<0.001	0.08	5.98	7.0	1.7	0.3	6.3	<0.01	0.22	12.2
E841244		0.36	30.3	1250	18.5	11.6	<0.001	0.11	1.35	4.8	1.5	0.4	11.0	0.01	0.12	3.3
E841245		0.27	31.2	1340	15.5	14.5	<0.001	0.11	1.17	5.1	1.8	0.3	11.9	0.01	0.10	4.1
E841246		0.23	24.0	780	18.7	7.2	<0.001	0.12	0.92	3.7	1.5	0.2	9.4	0.01	0.11	2.3
E841247		0.26	22.2	1220	20.2	12.3	<0.001	0.15	0.94	3.1	1.5	0.3	10.4	<0.01	0.13	1.5
E841248		0.33	32.4	760	33.0	26.5	<0.001	0.07	0.97	5.6	1.8	0.3	9.5	<0.01	0.09	4.3
E841249		0.41	28.5	600	28.1	18.4	<0.001	0.03	1.02	5.1	1.0	0.2	16.9	<0.01	0.06	7.0
E841250		0.24	48.2	650	18.0	15.6	<0.001	0.05	0.77	4.8	1.1	0.3	11.6	<0.01	0.10	21.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066076

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841241		0.014	0.28	14.25	33	0.22	19.60	31	4.5
E841242		0.016	0.13	19.30	27	0.19	12.40	24	3.1
E841243		0.018	0.59	3.60	34	0.28	12.70	48	2.1
E841244		0.021	0.24	1.16	29	0.12	16.65	81	1.3
E841245		0.020	0.28	1.21	22	0.11	21.40	70	2.0
E841246		0.018	0.18	1.22	21	0.07	15.10	98	1.5
E841247		0.018	0.19	1.26	25	0.08	13.85	92	0.9
E841248		0.031	0.19	1.36	23	0.07	18.90	107	1.6
E841249		0.033	0.17	0.80	22	0.08	14.25	79	2.4
E841250		0.017	0.23	4.41	23	0.17	10.65	52	3.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 16-JUL-2007
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CERTIFICATE VA07066077

Project: Werneckes

P.O. No.: FRG07-01

This report is for 118 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841251		0.22	0.016	0.10	2.03	28.4	<0.2	<10	170	1.06	1.86	0.46	0.15	44.50	55.3	25
E841252		0.56	0.020	0.09	1.55	12.4	<0.2	<10	170	0.69	0.69	0.74	0.14	65.00	32.3	25
E841253		0.42	0.026	0.09	1.25	7.0	<0.2	<10	160	0.62	0.52	0.64	0.10	80.80	38.9	24
E841254		0.22	0.017	0.14	1.72	10.4	<0.2	<10	190	0.89	0.88	0.95	0.15	64.00	29.3	21
E841255		0.44	0.012	0.08	1.23	7.6	<0.2	<10	170	0.62	0.63	0.81	0.12	75.70	30.5	20
E841256		0.24	0.024	0.15	1.64	12.2	<0.2	<10	240	0.88	0.82	0.70	0.22	45.10	75.0	24
E841257		0.40	0.018	0.10	1.19	10.7	<0.2	<10	140	0.79	0.62	0.59	0.15	50.80	26.9	22
E841258		0.32	0.008	0.11	1.85	14.6	<0.2	<10	200	0.93	0.64	0.34	0.26	56.40	30.9	28
E841259		0.36	0.006	0.13	1.89	21.8	<0.2	<10	160	1.26	2.37	1.64	0.31	43.70	24.1	24
E841260		0.38	0.006	0.10	1.46	16.7	<0.2	<10	80	0.78	1.73	7.96	0.07	31.10	26.3	18
E841261		0.38	0.021	0.10	1.29	14.9	<0.2	<10	80	0.70	2.14	6.83	0.06	37.50	30.9	20
E841262		0.74	0.008	0.13	1.13	35.2	<0.2	<10	100	0.79	3.24	5.24	0.19	28.50	35.6	16
E841263		0.60	0.006	0.17	1.56	29.0	<0.2	<10	80	1.12	1.44	0.51	0.16	38.30	21.8	18
E841264		0.24	0.005	0.11	3.01	78.0	<0.2	<10	120	4.29	19.55	0.41	0.31	28.80	98.0	33
E841265		0.54	<0.005	0.08	2.43	52.6	<0.2	<10	140	3.81	11.70	0.33	0.51	32.20	86.4	26
E841266		0.32	0.021	0.12	1.52	77.3	<0.2	<10	70	1.35	3.21	4.20	0.13	20.70	69.9	14
E841267		0.32	0.011	0.10	1.50	55.6	<0.2	<10	60	1.22	2.51	4.57	0.13	21.30	53.7	14
E841268		0.56	0.005	0.09	1.62	41.1	<0.2	<10	40	1.05	1.80	4.61	0.10	21.60	40.6	14
E841269		0.40	0.012	0.09	1.61	51.2	<0.2	<10	50	1.14	2.03	3.23	0.13	22.10	50.9	15
E841270		0.40	0.005	0.09	1.06	27.1	<0.2	<10	70	0.61	0.86	6.17	0.10	25.80	23.5	12
E841271		0.36	0.010	0.12	1.18	16.0	<0.2	<10	70	0.77	2.00	7.50	0.07	33.40	25.5	18
E841272		0.34	0.010	0.11	1.13	14.5	<0.2	<10	70	0.67	1.95	8.31	0.06	30.60	23.8	18
E841273		0.46	0.009	0.11	1.17	14.1	<0.2	<10	70	0.68	2.08	9.07	0.05	31.70	23.6	18
E841274		0.46	0.009	0.11	1.08	15.3	<0.2	<10	60	0.59	1.89	9.09	0.05	28.30	23.9	16
E841275		0.46	0.005	0.03	1.24	13.7	<0.2	<10	80	0.43	0.84	0.12	0.13	42.20	22.6	23
E841276		0.32	<0.005	1.99	0.53	155	<0.2	<10	770	0.58	0.54	12.25	12.05	17.35	31.8	6
E841277		0.30	<0.005	3.70	0.63	52.8	<0.2	10	210	1.12	0.29	3.86	1.24	30.90	13.4	7
E841278		0.28	<0.005	1.21	0.65	60.8	<0.2	10	150	1.07	0.44	6.13	1.55	32.40	17.0	8
E841279		0.38	0.005	0.88	0.25	51	<0.2	<10	150	0.48	1.77	10.95	3.93	13.15	16.5	3
E841280		0.20	<0.005	0.47	1.59	12.2	<0.2	<10	300	1.88	0.78	0.75	0.56	51.00	18.3	17
E841281		0.36	<0.005	1.47	0.71	37.9	<0.2	<10	390	1.27	0.54	0.71	3.25	27.20	13.8	10
E841282		0.38	<0.005	7.55	0.42	202.0	<0.2	<10	140	0.71	0.44	6.70	16.70	20.80	12.3	5
E841283		0.58	0.008	0.28	1.41	16.5	<0.2	<10	350	1.67	0.63	0.36	0.65	27.10	16.3	18
E841284		0.28	<0.005	0.22	1.26	12.6	<0.2	<10	230	2.00	0.68	0.18	0.31	36.40	19.8	16
E841285		0.36	<0.005	0.10	0.66	10.8	<0.2	<10	200	0.76	0.77	0.10	0.11	38.80	13.0	10
E841286		0.32	<0.005	0.13	0.81	8.6	<0.2	<10	320	0.96	0.79	0.10	0.07	41.40	10.5	10
E841287		0.30	<0.005	0.08	0.73	7.2	<0.2	<10	540	0.89	0.77	0.05	0.04	46.00	10.1	9
E841288		0.28	<0.005	0.06	0.75	6.8	<0.2	<10	370	0.97	0.70	0.05	0.03	44.20	9.2	9
E841289		0.40	<0.005	0.17	0.76	7.4	<0.2	<10	360	0.98	0.76	0.18	0.17	29.70	11.4	10
E841290		0.68	<0.005	0.07	0.67	8.8	<0.2	<10	390	1.21	0.93	0.23	0.54	15.45	13.6	8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066077

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841251	0.71	446.0	5.82	6.17	0.11	0.09	0.04	0.196	0.07	24.6	20.5	1.21	4890	5.76	0.01
E841252	0.68	121.0	4.99	5.04	0.13	0.07	0.04	0.107	0.07	36.3	16.9	1.01	2970	4.60	0.01
E841253	0.77	137.0	4.64	4.37	0.14	0.07	0.02	0.077	0.06	48.5	14.7	0.69	3700	4.58	0.01
E841254	0.80	200.0	4.68	5.33	0.14	0.09	0.06	0.107	0.06	45.9	17.4	0.85	2940	4.29	0.02
E841255	0.59	121.0	4.25	4.16	0.13	0.07	0.03	0.077	0.06	45.3	14.9	0.68	3380	4.59	0.01
E841256	0.73	66.6	6.44	5.14	0.13	0.10	0.07	0.148	0.09	26.1	21.5	0.82	7410	10.05	0.01
E841257	0.68	71.5	4.79	4.14	0.12	0.07	0.04	0.097	0.07	27.0	14.1	0.86	3500	4.01	0.02
E841258	1.13	120.5	5.28	5.89	0.14	0.07	0.06	0.128	0.08	33.1	19.6	1.26	4190	3.37	0.01
E841259	1.08	95.6	6.94	5.46	0.15	0.06	0.08	0.265	0.05	25.3	20.2	1.93	7690	3.07	0.01
E841260	0.72	182.5	4.61	4.62	0.16	0.07	0.03	0.140	0.07	16.5	21.6	6.14	4570	3.55	0.02
E841261	0.74	212.0	4.74	4.21	0.14	0.07	0.02	0.114	0.06	20.1	20.4	5.01	4010	4.28	0.02
E841262	1.26	129.0	4.97	3.22	0.15	0.09	0.03	0.158	0.10	14.4	15.2	3.84	3060	2.34	0.02
E841263	2.31	105.0	7.69	3.87	0.19	0.08	0.08	0.343	0.09	20.1	18.1	1.35	7360	1.65	0.01
E841264	1.92	261.0	10.40	7.74	0.18	0.19	0.10	0.630	0.06	14.7	29.0	2.68	6020	2.41	0.01
E841265	2.32	221.0	9.01	6.82	0.17	0.11	0.16	0.572	0.06	14.7	21.5	1.85	7680	2.79	0.01
E841266	1.22	436.0	11.45	4.06	0.21	0.11	0.04	0.465	0.08	10.5	14.1	3.35	8870	3.63	0.02
E841267	1.00	330.0	14.00	3.84	0.22	0.09	0.05	0.577	0.08	10.4	12.9	3.44	10100	2.40	0.02
E841268	0.99	218.0	14.90	4.15	0.28	0.09	0.06	0.619	0.07	10.6	13.3	3.58	11150	1.69	0.02
E841269	0.82	235.0	12.40	4.22	0.26	0.09	0.06	0.624	0.08	10.6	13.3	2.92	10550	1.89	0.02
E841270	1.21	102.0	3.42	3.05	0.10	0.07	0.02	0.108	0.16	13.1	15.7	4.16	2150	1.07	0.02
E841271	0.69	91.0	4.35	4.07	0.13	0.06	0.03	0.130	0.09	18.2	19.0	5.21	4510	3.13	0.02
E841272	0.65	85.2	3.88	3.90	0.12	0.07	0.03	0.111	0.08	16.4	19.6	5.87	3980	3.05	0.02
E841273	0.69	86.0	4.03	3.85	0.14	0.07	0.02	0.112	0.08	17.0	19.7	6.26	3930	3.07	0.02
E841274	0.62	78.8	3.99	3.61	0.17	0.06	0.03	0.110	0.07	14.7	16.8	6.68	4080	3.17	0.01
E841275	0.99	30.9	4.80	6.77	0.07	<0.02	0.02	0.077	0.07	21.4	15.3	0.60	1570	3.17	<0.01
E841276	1.08	82.4	6.26	1.87	0.09	0.05	2.61	0.167	0.09	8.1	5.1	7.85	4020	1.38	0.02
E841277	1.13	33.6	7.06	1.61	0.09	0.07	0.80	0.085	0.10	14.9	5.9	2.18	2530	1.18	0.01
E841278	1.31	36.6	4.46	1.75	0.08	0.08	0.33	0.101	0.11	15.6	7.8	3.74	2490	0.78	0.01
E841279	0.71	30.7	7.82	0.72	0.10	0.06	0.67	0.168	0.06	5.7	2.5	6.70	3590	0.69	0.01
E841280	3.69	66.8	5.01	4.44	0.10	0.10	0.15	0.078	0.09	21.9	20.2	0.85	6360	0.84	<0.01
E841281	1.52	88.5	3.61	1.98	0.06	0.08	0.46	0.094	0.09	13.4	7.2	0.35	1805	1.57	<0.01
E841282	1.03	37.5	5.59	1.17	0.12	0.04	0.81	0.055	0.08	10.2	5.3	4.27	1395	1.18	0.01
E841283	3.05	46.6	3.38	4.30	0.09	0.12	0.06	0.075	0.22	13.2	12.2	0.44	1460	1.35	<0.01
E841284	3.46	37.7	3.30	4.22	0.10	0.06	0.05	0.093	0.17	16.8	13.0	0.34	1445	1.45	<0.01
E841285	2.60	47.8	3.27	2.40	0.09	0.03	0.03	0.066	0.11	18.9	6.0	0.20	935	1.68	<0.01
E841286	2.25	50.2	2.92	2.85	0.09	0.02	0.02	0.059	0.13	20.7	6.5	0.20	767	1.84	<0.01
E841287	1.50	38.4	2.74	2.47	0.08	0.03	0.02	0.054	0.12	22.8	5.3	0.18	818	1.69	<0.01
E841288	1.70	39.5	2.61	2.42	0.08	0.03	0.02	0.051	0.12	22.1	5.4	0.17	642	1.90	<0.01
E841289	1.82	42.2	2.64	3.09	0.07	0.03	0.04	0.057	0.14	14.9	5.8	0.18	1150	1.30	<0.01
E841290	2.50	42.0	2.51	2.51	0.06	0.04	0.06	0.056	0.15	6.8	4.2	0.14	2820	0.94	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841251		0.25	44.2	590	11.5	10.4	<0.001	0.04	0.79	7.6	1.3	0.4	6.3	<0.01	0.12	7.7
E841252		0.33	29.7	690	7.1	10.0	<0.001	0.05	0.46	9.4	0.9	0.5	8.5	<0.01	0.15	9.2
E841253		0.21	31.0	820	5.6	7.1	<0.001	0.04	0.30	9.4	0.9	0.5	6.7	<0.01	0.16	12.5
E841254		0.29	27.4	890	8.6	8.9	<0.001	0.07	0.47	10.0	1.3	0.4	9.9	<0.01	0.18	9.0
E841255		0.21	26.5	840	6.7	8.2	<0.001	0.07	0.39	8.9	1.0	0.4	7.9	<0.01	0.16	10.2
E841256		0.29	44.7	820	9.3	11.7	<0.001	0.06	0.46	21.4	1.7	0.4	10.0	0.01	0.55	15.1
E841257		0.35	28.9	740	6.3	10.3	<0.001	0.04	0.49	9.6	1.0	0.4	10.9	<0.01	0.15	11.0
E841258		0.41	32.7	790	8.9	15.9	<0.001	0.04	0.57	10.7	1.1	0.5	11.4	0.01	0.11	8.5
E841259		0.25	29.6	1000	19.9	12.4	<0.001	0.08	0.88	5.0	1.7	0.4	10.7	0.01	0.08	2.2
E841260		0.15	25.0	720	8.2	6.6	<0.001	0.04	0.63	5.8	1.0	0.3	20.2	<0.01	0.08	7.3
E841261		0.19	27.3	890	8.6	6.2	<0.001	0.04	0.66	5.9	1.0	0.4	17.6	<0.01	0.10	9.7
E841262		0.27	29.1	650	12.0	9.2	<0.001	0.07	1.47	3.7	1.0	0.3	20.2	<0.01	0.07	7.5
E841263		0.39	29.4	600	12.1	12.5	<0.001	0.05	1.13	4.4	1.5	0.2	7.6	0.01	0.06	4.4
E841264		0.29	51.8	1850	16.5	9.9	<0.001	0.09	2.29	10.1	1.8	0.4	10.9	0.01	0.10	13.5
E841265		0.28	44.9	1980	18.9	14.2	<0.001	0.09	1.99	7.2	1.5	0.4	10.7	0.01	0.13	9.4
E841266		0.17	45.5	780	8.2	8.1	<0.001	0.12	1.18	5.5	1.5	0.2	16.5	0.01	0.11	9.3
E841267		0.16	37.5	830	8.5	9.2	<0.001	0.10	0.95	5.2	1.5	0.2	20.2	0.01	0.08	5.9
E841268		0.15	30.8	660	6.6	8.3	<0.001	0.08	0.75	5.0	1.2	0.2	20.3	0.01	0.07	6.0
E841269		0.16	34.6	810	7.1	7.3	<0.001	0.12	0.87	4.8	1.5	0.2	17.0	0.01	0.08	5.1
E841270		0.21	23.5	430	12.1	12.3	<0.001	0.05	0.65	3.2	0.6	0.2	23.6	<0.01	0.04	6.5
E841271		0.22	28.2	810	9.0	7.7	<0.001	0.07	0.67	4.7	1.2	0.3	25.9	<0.01	0.09	6.0
E841272		0.24	27.5	800	8.5	6.7	<0.001	0.06	0.66	4.3	1.1	0.3	28.3	<0.01	0.08	7.4
E841273		0.23	26.6	760	8.7	6.7	<0.001	0.05	0.65	4.4	1.0	0.3	29.9	<0.01	0.07	8.3
E841274		0.20	28.1	770	8.7	6.8	<0.001	0.05	0.65	4.6	0.8	0.2	32.2	0.01	0.08	6.9
E841275		0.63	14.9	450	9.8	16.1	<0.001	0.03	0.55	2.9	0.4	0.6	5.1	<0.01	0.11	4.7
E841276		0.19	59.8	270	523.0	6.4	<0.001	0.07	4.48	3.4	1.0	0.2	25.1	0.01	0.02	1.7
E841277		0.15	25.1	770	111.5	7.9	<0.001	0.08	27.70	6.3	1.6	0.2	13.7	0.01	0.06	1.6
E841278		0.13	30.0	760	130.5	8.5	<0.001	0.08	2.73	5.4	1.0	0.3	14.9	0.01	0.05	1.2
E841279		0.10	38.0	740	135.5	3.7	<0.001	0.14	1.76	4.7	1.2	<0.2	27.7	0.01	0.07	2.0
E841280		0.23	23.7	1160	59.2	11.8	<0.001	0.09	0.93	5.1	1.2	0.4	12.5	0.01	0.15	1.5
E841281		0.29	17.5	490	279.0	9.3	<0.001	0.06	2.48	4.7	0.7	0.3	7.7	<0.01	0.06	3.5
E841282		0.13	37.2	360	2430.0	5.4	<0.001	0.22	10.65	4.7	1.3	0.4	13.8	0.01	0.02	2.9
E841283		0.38	18.8	530	86.0	23.2	<0.001	0.04	1.22	5.2	0.6	0.5	8.7	<0.01	0.04	3.9
E841284		0.46	17.7	410	54.2	24.4	<0.001	0.03	1.18	4.4	0.6	0.5	7.3	<0.01	0.05	5.2
E841285		0.28	10.7	220	13.4	17.4	<0.001	0.02	1.06	2.1	0.4	0.4	3.6	<0.01	0.04	6.1
E841286		0.30	10.5	300	9.6	16.9	<0.001	0.02	1.01	2.1	0.4	0.4	4.3	<0.01	0.04	5.1
E841287		0.26	7.9	230	7.7	15.2	<0.001	0.02	0.73	2.0	0.3	0.4	5.0	<0.01	0.03	6.1
E841288		0.25	7.9	240	6.7	15.9	<0.001	0.01	0.70	2.3	0.3	0.5	2.6	<0.01	0.03	6.1
E841289		0.44	10.3	310	11.0	16.1	<0.001	0.03	0.91	2.7	0.4	0.5	6.0	<0.01	0.03	4.4
E841290		0.28	16.9	390	18.0	18.7	<0.001	0.03	1.02	2.8	0.4	0.4	6.8	<0.01	0.03	3.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E841251		0.014	0.45	2.60	40	0.25	18.70	31	1.6	
E841252		0.027	0.30	2.88	37	0.24	12.70	34	1.5	
E841253		0.018	0.22	3.52	29	0.23	14.20	22	1.3	
E841254		0.013	0.42	4.61	30	0.17	16.60	37	1.5	
E841255		0.015	0.44	3.50	26	0.21	13.30	22	1.2	
E841256		0.016	0.26	4.28	32	0.25	20.60	37	1.8	
E841257		0.031	0.19	2.48	34	0.24	13.60	29	1.6	
E841258		0.047	0.25	2.92	45	0.27	18.25	50	1.1	
E841259		0.019	0.82	2.70	47	0.21	28.70	47	0.7	
E841260		0.015	0.75	2.47	33	0.25	14.25	19	1.8	
E841261		0.021	0.78	2.59	36	0.29	13.65	20	1.6	
E841262		0.032	0.33	1.35	24	0.19	11.20	45	3.4	
E841263		0.037	0.46	1.20	21	0.10	23.90	45	1.4	
E841264		0.019	0.17	1.80	36	0.15	22.90	56	4.2	
E841265		0.021	0.27	1.64	33	0.13	18.45	69	2.2	
E841266		0.009	0.72	1.52	19	0.18	15.70	38	2.7	
E841267		0.011	0.48	1.18	19	0.11	18.65	41	1.9	
E841268		0.011	0.50	0.94	18	0.09	16.15	38	2.0	
E841269		0.011	0.53	0.99	18	0.11	17.15	40	1.8	
E841270		0.019	0.16	0.81	16	0.13	9.23	38	2.4	
E841271		0.014	0.92	2.10	26	0.14	15.65	24	1.2	
E841272		0.015	0.88	1.91	27	0.13	13.30	21	1.5	
E841273		0.016	0.96	2.02	27	0.15	13.20	19	1.6	
E841274		0.014	0.98	1.71	25	0.21	14.40	19	2.7	
E841275		0.035	0.28	1.06	50	0.33	2.99	34	<0.5	
E841276		0.006	3.82	0.75	10	0.15	13.25	4600	1.4	
E841277		0.005	3.62	0.86	14	0.19	18.85	820	2.6	
E841278		0.006	0.27	0.45	16	0.12	21.70	1080	2.2	
E841279		<0.005	0.24	0.85	16	0.13	19.75	1980	1.8	
E841280		0.013	0.17	0.84	24	0.14	32.50	295	2.0	
E841281		0.010	0.28	1.08	18	0.21	11.65	1810	2.4	
E841282		0.005	1.09	0.65	10	0.11	12.25	>10000	1.7	1.15
E841283		0.009	0.18	0.94	25	0.18	6.88	359	2.6	
E841284		0.009	0.17	1.17	24	0.21	8.39	131	1.6	
E841285		0.008	0.10	0.97	14	0.33	4.63	60	1.1	
E841286		0.006	0.11	1.01	15	0.35	5.34	35	0.6	
E841287		0.005	0.09	0.84	14	0.42	4.82	19	0.8	
E841288		0.005	0.09	0.87	13	0.42	5.42	18	0.8	
E841289		0.010	0.10	0.85	22	0.24	5.36	37	0.8	
E841290		0.009	0.13	0.81	15	0.10	4.34	67	1.0	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841291		0.40	<0.005	0.08	1.11	9.2	<0.2	<10	280	1.71	0.78	0.24	0.24	31.50	17.0	18
E841292		0.38	<0.005	0.12	1.08	9.6	<0.2	<10	360	1.81	0.97	0.20	0.53	35.60	18.1	16
E841293		0.32	0.005	1.51	0.57	38.3	<0.2	<10	560	1.41	2.62	4.29	0.95	25.20	19.2	7
E841294		0.40	<0.005	0.08	0.63	9.8	<0.2	<10	160	1.34	0.95	0.06	0.07	22.80	12.3	8
E841295		0.32	<0.005	0.14	0.66	7.7	<0.2	<10	270	0.38	0.61	0.09	0.15	29.60	8.4	9
E841296		0.30	<0.005	0.08	1.21	8.2	<0.2	<10	410	1.08	0.65	0.14	0.26	24.60	14.5	15
E841297		0.32	0.005	0.16	1.19	9.0	<0.2	<10	510	1.72	0.66	0.22	0.37	27.80	15.2	14
E841298		0.30	<0.005	0.09	0.72	6.0	<0.2	<10	290	0.49	0.50	0.15	0.27	26.00	7.0	9
E841299		0.28	<0.005	0.19	2.15	10.9	<0.2	<10	1170	3.19	0.92	0.34	0.41	25.40	16.6	18
E841300		0.36	0.008	0.19	1.52	12.8	<0.2	<10	410	2.00	0.96	0.27	0.21	39.50	20.1	16
E841301		0.42	0.007	0.11	1.65	13.5	<0.2	<10	170	2.67	1.05	0.16	0.18	39.30	38.3	18
E841302		0.26	<0.005	0.12	1.28	10.5	<0.2	<10	290	1.28	0.89	0.13	0.25	18.70	16.0	15
E841303		0.32	<0.005	0.10	1.17	12.0	<0.2	<10	750	1.25	1.06	0.28	0.79	19.40	26.3	13
E841304		0.20	0.008	0.31	0.73	27.0	<0.2	<10	800	1.23	1.17	2.53	0.18	29.90	26.4	12
E841305		0.36	<0.005	0.15	1.48	15.0	<0.2	<10	190	1.64	1.19	0.09	0.23	24.30	17.6	18
E841306		0.34	<0.005	0.24	0.72	14.4	<0.2	<10	330	0.72	1.35	0.14	0.13	34.30	14.4	10
E841307		0.30	0.010	0.32	1.31	20.7	<0.2	<10	720	2.25	1.51	0.14	0.20	50.20	21.9	15
E841308		0.34	0.016	0.17	0.77	13.6	<0.2	<10	1250	1.11	5.70	0.15	0.02	61.50	24.7	10
E841309		0.34	0.011	0.23	0.92	18.6	<0.2	<10	550	2.32	1.44	0.19	0.11	46.40	29.0	10
E841310		0.40	<0.005	0.12	0.82	26.1	<0.2	<10	290	0.77	2.09	0.12	0.06	36.80	14.4	11
E841311		0.32	0.011	0.36	1.37	45.2	<0.2	<10	840	1.49	1.99	0.24	0.06	50.00	123.0	16
E841312		0.28	0.021	0.28	0.98	32.5	<0.2	<10	2490	1.46	1.05	1.88	0.19	60.00	51.8	17
E841313		0.36	0.006	0.23	1.50	19.8	<0.2	10	560	2.36	1.50	0.83	0.13	35.40	26.5	15
E841314		0.28	0.007	0.15	0.95	19.3	<0.2	<10	380	1.42	2.01	0.33	0.15	38.00	26.1	12
E841315		0.36	<0.005	0.25	0.78	16.4	<0.2	<10	240	1.52	1.43	0.10	0.10	49.50	24.1	11
E841316		0.96	<0.005	0.53	0.73	11.9	<0.2	10	440	2.70	2.17	1.11	0.53	18.55	25.1	7
E841317		0.44	<0.005	0.15	1.20	11.6	<0.2	<10	240	1.33	1.12	0.39	0.26	35.60	20.4	13
E841318		0.54	0.016	0.33	1.57	11.5	<0.2	<10	380	1.46	1.09	0.29	0.35	32.80	22.9	18
E841319		0.42	<0.005	0.29	1.09	9.6	<0.2	<10	290	0.74	0.72	0.23	0.34	24.60	12.0	14
E841320		0.44	<0.005	0.08	1.31	8.1	<0.2	<10	290	0.61	0.47	0.22	0.16	31.30	9.8	16
E841321		0.46	<0.005	0.13	0.63	10.9	<0.2	<10	270	1.01	0.83	0.63	0.06	38.60	21.4	8
E841322		0.38	0.009	0.15	0.76	10.7	<0.2	<10	830	0.81	0.60	4.33	0.07	33.40	21.9	11
E841323		0.32	<0.005	0.58	1.34	14.1	<0.2	10	120	1.66	0.44	1.44	0.34	51.20	13.5	16
E841324		0.32	<0.005	0.71	0.91	20.7	<0.2	10	260	1.03	0.31	3.36	0.48	33.10	11.3	13
E841325		0.24	<0.005	2.47	0.79	83.9	<0.2	<10	160	0.60	0.22	7.30	0.63	23.90	17.1	8
E841326		0.30	<0.005	0.41	0.83	26.2	<0.2	10	160	1.00	0.34	4.59	0.63	25.70	12.1	12
E841327		0.26	<0.005	0.70	0.55	21.4	<0.2	<10	190	0.64	0.37	9.13	0.58	21.80	13.2	8
E841328		0.22	<0.005	0.64	0.99	23.1	<0.2	<10	370	1.03	0.45	2.71	0.38	32.90	20.0	14
E841329		0.24	<0.005	0.58	0.88	18.4	<0.2	10	130	1.12	0.27	2.19	0.34	35.20	14.4	12
E841330		0.22	<0.005	0.65	1.00	19.2	<0.2	10	140	1.03	0.30	1.89	0.35	36.60	15.4	14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841291		1.69	44.0	3.11	3.56	0.08	0.04	0.05	0.063	0.16	12.8	9.3	0.31	2000	1.20	<0.01
E841292		1.79	41.6	3.30	3.75	0.08	0.05	0.04	0.060	0.14	16.1	9.7	0.24	3640	1.47	<0.01
E841293		1.16	122.0	5.56	1.59	0.12	0.07	0.24	0.174	0.07	12.8	4.2	2.42	3300	1.18	0.01
E841294		4.89	38.4	2.41	2.04	0.06	0.03	0.03	0.056	0.10	11.8	5.4	0.15	942	1.70	<0.01
E841295		1.45	30.2	2.91	3.76	0.07	<0.02	0.04	0.038	0.10	14.5	1.9	0.08	1305	1.50	<0.01
E841296		2.05	24.2	2.75	4.89	0.06	0.02	0.06	0.048	0.15	12.2	11.3	0.24	3120	1.14	<0.01
E841297		3.22	43.0	2.57	3.76	0.07	0.04	0.04	0.048	0.15	13.2	9.2	0.26	2340	1.18	<0.01
E841298		1.10	15.6	2.41	3.98	0.06	0.02	0.03	0.032	0.12	13.7	4.7	0.15	1025	1.17	<0.01
E841299		5.48	58.7	3.67	5.93	0.10	0.09	0.07	0.090	0.26	16.3	12.4	0.32	3810	1.70	0.01
E841300		3.57	38.1	3.32	5.43	0.10	0.04	0.05	0.070	0.16	19.5	12.7	0.24	2320	1.44	<0.01
E841301		5.21	73.2	3.83	5.22	0.09	0.07	0.06	0.062	0.14	19.3	15.4	0.29	2090	1.51	<0.01
E841302		2.70	31.2	3.60	4.71	0.08	0.04	0.05	0.057	0.13	9.5	12.1	0.26	1545	1.51	<0.01
E841303		2.49	66.2	3.65	4.88	0.08	0.04	0.10	0.070	0.16	9.6	6.9	0.18	4710	2.15	0.01
E841304		2.76	138.0	3.29	2.17	0.09	0.08	0.04	0.069	0.11	16.0	7.0	1.65	1625	2.78	0.02
E841305		3.07	58.4	3.36	4.30	0.08	0.03	0.05	0.064	0.11	12.5	17.1	0.30	1085	2.31	<0.01
E841306		2.37	91.5	3.29	3.32	0.07	0.02	0.06	0.074	0.11	17.4	2.9	0.12	1780	2.59	<0.01
E841307		2.46	163.0	4.24	3.82	0.10	0.04	0.04	0.189	0.15	25.2	13.5	0.24	2210	3.75	0.01
E841308		0.73	175.0	4.13	2.36	0.11	0.09	0.08	0.114	0.11	34.6	4.9	0.21	2070	4.19	<0.01
E841309		1.23	169.0	3.75	2.64	0.10	0.09	0.05	0.102	0.14	24.4	6.8	0.27	2480	4.28	<0.01
E841310		1.34	95.7	3.66	3.40	0.08	0.05	0.04	0.087	0.10	18.4	7.7	0.23	1010	4.23	<0.01
E841311		1.56	156.5	5.47	4.51	0.11	0.11	0.05	0.124	0.13	24.6	11.8	0.48	2820	11.90	<0.01
E841312		1.63	249.0	5.03	3.14	0.13	0.17	0.06	0.153	0.18	33.3	8.3	0.82	3030	6.62	0.05
E841313		4.06	144.0	3.84	3.86	0.09	0.20	0.11	0.155	0.21	16.8	11.8	0.50	2380	2.09	0.01
E841314		2.06	104.5	3.80	3.04	0.09	0.11	0.06	0.128	0.15	17.6	8.8	0.27	2140	2.30	<0.01
E841315		2.11	94.2	3.34	2.33	0.09	0.04	0.03	0.071	0.11	23.3	6.7	0.26	1515	2.03	<0.01
E841316		2.08	69.0	2.07	2.22	0.06	0.17	0.08	0.050	0.16	9.1	3.7	0.25	4580	0.91	0.01
E841317		0.90	30.5	3.22	4.06	0.07	0.08	0.05	0.047	0.19	17.2	8.4	0.25	2600	1.17	0.01
E841318		1.39	33.3	4.20	4.95	0.09	0.10	0.04	0.050	0.19	15.6	13.2	0.28	2420	1.29	<0.01
E841319		1.19	21.1	3.33	3.86	0.05	0.04	0.04	0.035	0.17	12.2	9.0	0.21	2130	1.38	<0.01
E841320		0.80	16.2	3.08	3.99	0.05	0.03	0.02	0.038	0.11	14.7	14.3	0.30	856	1.22	0.01
E841321		1.46	77.0	3.11	1.72	0.05	0.09	0.03	0.050	0.10	19.0	6.3	0.46	1735	1.48	<0.01
E841322		1.31	116.5	3.34	2.13	0.06	0.07	0.08	0.057	0.17	17.4	9.1	1.84	1565	2.77	<0.01
E841323		1.71	33.7	3.18	3.88	0.09	0.13	0.05	0.056	0.18	24.7	21.4	1.71	880	0.99	0.01
E841324		0.68	43.9	5.17	2.36	0.07	0.06	0.07	0.039	0.12	16.0	13.9	1.99	1795	1.90	0.01
E841325		0.71	45.2	9.97	2.25	0.18	0.08	0.24	0.029	0.06	11.9	19.4	4.98	2030	12.20	0.01
E841326		0.74	32.5	2.73	2.10	0.06	0.09	0.07	0.041	0.10	12.9	15.2	2.76	1645	1.44	0.01
E841327		0.97	33.6	3.40	1.46	0.07	0.05	0.16	0.041	0.07	10.4	8.9	6.00	1390	1.84	0.01
E841328		1.20	79.5	3.81	2.64	0.08	0.08	0.07	0.047	0.11	16.3	18.8	1.68	1080	2.00	0.01
E841329		0.89	34.2	2.81	2.33	0.06	0.08	0.04	0.037	0.15	16.1	22.4	1.37	1045	1.59	0.01
E841330		1.05	36.4	3.08	2.62	0.06	0.08	0.05	0.041	0.14	16.9	21.4	1.13	1075	1.72	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841291		0.46	19.0	520	17.0	15.7	<0.001	0.04	1.03	3.4	0.5	0.4	7.4	<0.01	0.04	4.6
E841292		0.36	18.4	550	17.9	15.7	<0.001	0.04	1.14	2.6	0.5	0.4	6.4	<0.01	0.04	3.7
E841293		0.12	23.7	590	191.5	7.9	<0.001	0.10	4.64	4.3	1.2	0.2	10.1	0.01	0.05	1.0
E841294		0.31	9.4	290	6.0	17.2	<0.001	0.02	1.18	2.0	0.3	0.3	3.6	<0.01	0.03	5.6
E841295		0.45	6.4	420	8.6	18.2	<0.001	0.03	0.77	1.5	0.3	0.5	3.8	<0.01	0.04	3.0
E841296		0.69	13.3	470	16.8	20.8	<0.001	0.03	0.69	2.3	0.4	0.6	7.9	<0.01	0.04	2.8
E841297		0.46	14.7	450	14.6	25.0	<0.001	0.04	0.91	2.7	0.5	0.5	9.3	<0.01	0.03	3.3
E841298		0.66	7.7	300	8.9	19.3	<0.001	0.03	0.72	1.8	0.4	0.5	7.3	<0.01	0.03	4.2
E841299		0.64	20.7	740	23.1	41.0	<0.001	0.06	1.20	5.9	1.1	0.8	13.8	0.01	0.06	6.7
E841300		0.61	14.2	580	25.3	33.6	<0.001	0.04	1.08	2.8	0.6	0.7	10.7	<0.01	0.05	4.7
E841301		0.45	18.9	770	25.1	31.2	<0.001	0.04	1.62	3.0	0.6	0.6	7.7	<0.01	0.05	5.4
E841302		0.53	13.6	480	19.3	23.6	<0.001	0.04	1.39	2.2	0.4	0.6	6.0	<0.01	0.05	6.7
E841303		0.41	13.4	1310	27.3	22.2	<0.001	0.07	1.21	2.7	0.6	0.6	9.0	<0.01	0.07	2.7
E841304		0.43	19.3	750	19.7	11.0	<0.001	0.06	1.82	4.1	0.5	0.4	19.1	<0.01	0.05	6.3
E841305		0.83	20.0	440	13.1	18.0	<0.001	0.04	1.00	2.5	0.6	0.5	7.0	<0.01	0.05	4.3
E841306		0.40	9.4	570	11.4	17.3	<0.001	0.04	1.12	2.2	0.6	0.5	4.6	<0.01	0.06	2.8
E841307		0.50	15.4	450	8.6	27.5	<0.001	0.04	1.10	4.1	0.6	0.6	5.8	<0.01	0.07	7.4
E841308		0.33	11.3	330	5.3	13.3	<0.001	0.03	0.87	6.4	0.6	0.5	4.8	<0.01	0.07	9.1
E841309		0.28	14.0	680	7.1	14.7	<0.001	0.05	1.02	5.0	0.7	0.5	5.5	<0.01	0.07	5.3
E841310		0.39	12.7	370	8.5	13.9	<0.001	0.05	1.19	2.2	0.4	0.5	4.3	<0.01	0.06	6.7
E841311		0.38	20.9	770	14.4	18.9	<0.001	0.10	1.21	4.2	0.8	0.6	7.5	<0.01	0.10	6.1
E841312		0.63	24.4	1110	12.3	18.2	<0.001	0.13	1.69	8.1	1.1	0.6	40.5	0.01	0.11	7.1
E841313		0.44	24.8	390	18.5	26.2	<0.001	0.05	1.34	7.8	0.9	0.5	10.8	<0.01	0.07	8.3
E841314		0.46	15.1	330	14.7	18.8	<0.001	0.06	1.22	4.0	0.7	0.5	7.1	<0.01	0.06	10.5
E841315		0.27	16.4	330	12.3	14.4	<0.001	0.04	1.34	3.5	0.5	0.4	3.3	<0.01	0.04	8.7
E841316		0.24	16.8	1220	21.8	14.4	<0.001	0.11	1.26	2.3	0.8	0.4	19.6	<0.01	0.04	3.5
E841317		0.41	14.7	530	19.6	14.9	<0.001	0.05	0.92	2.4	0.4	0.5	10.4	<0.01	0.04	7.7
E841318		0.50	16.1	480	25.4	18.7	<0.001	0.04	0.92	2.9	0.5	0.6	9.2	<0.01	0.05	7.7
E841319		0.48	12.1	490	22.3	14.5	<0.001	0.02	1.02	2.5	0.3	0.6	8.9	<0.01	0.04	5.5
E841320		0.56	11.3	230	17.0	11.4	<0.001	0.02	0.55	2.5	0.2	0.5	7.6	<0.01	0.03	4.9
E841321		0.18	14.1	370	11.2	9.3	<0.001	0.03	1.05	3.4	0.3	0.3	5.9	<0.01	0.03	9.9
E841322		0.26	15.2	550	10.8	10.8	<0.001	0.05	1.01	4.6	0.5	0.4	36.7	<0.01	0.06	7.3
E841323		0.25	23.3	660	115.0	14.8	<0.001	0.05	2.46	7.0	0.6	0.5	7.5	0.01	0.04	3.1
E841324		0.23	19.8	650	123.5	8.4	<0.001	0.09	1.90	3.6	0.6	0.3	10.7	<0.01	0.05	1.2
E841325		0.17	34.4	430	192.0	5.1	0.001	0.34	5.02	3.9	1.1	0.2	14.9	0.01	0.05	1.6
E841326		0.22	20.7	560	204.0	8.2	0.001	0.07	2.15	3.5	0.6	0.3	12.9	<0.01	0.05	1.4
E841327		0.24	18.8	430	111.0	5.8	<0.001	0.04	2.44	3.7	0.6	0.2	20.0	<0.01	0.03	1.9
E841328		0.23	25.4	700	69.4	9.8	0.001	0.08	1.85	4.4	0.8	0.3	11.3	0.01	0.05	1.4
E841329		0.24	21.7	680	47.4	10.5	<0.001	0.08	1.80	4.0	0.7	0.3	7.6	<0.01	0.04	1.4
E841330		0.28	23.2	710	51.0	11.5	<0.001	0.09	1.77	4.4	0.8	0.4	8.5	<0.01	0.05	1.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E841291		0.013	0.13	0.82	27	0.15	4.55	54	1.2	
E841292		0.010	0.12	0.92	22	0.17	4.41	45	1.1	
E841293		<0.005	2.66	0.94	26	0.10	22.30	551	1.3	
E841294		0.008	0.12	1.09	13	0.26	5.03	18	0.9	
E841295		0.011	0.11	0.62	25	0.25	2.61	34	<0.5	
E841296		0.017	0.14	0.71	37	0.16	3.86	68	<0.5	
E841297		0.009	0.12	1.09	25	0.17	6.21	58	0.8	
E841298		0.016	0.09	0.63	29	0.17	3.42	37	<0.5	
E841299		0.008	0.22	2.08	35	0.16	31.40	97	1.7	
E841300		0.010	0.19	1.10	34	0.16	7.95	75	0.9	
E841301		0.008	0.22	1.44	29	0.13	12.35	62	1.4	
E841302		0.009	0.15	0.99	29	0.16	4.39	72	1.3	
E841303		0.013	0.18	1.36	30	0.21	7.00	152	0.8	
E841304		0.024	0.20	1.59	25	0.46	11.85	59	2.5	
E841305		0.020	0.15	1.11	35	0.30	3.97	62	0.6	
E841306		0.012	0.15	1.72	24	0.46	5.10	31	0.5	
E841307		0.008	0.22	1.84	25	0.55	8.18	24	1.2	
E841308		0.011	0.16	2.10	18	0.88	10.35	12	2.8	
E841309		0.009	0.16	3.01	17	0.75	18.00	17	1.7	
E841310		0.009	0.21	1.47	20	0.42	5.46	26	1.7	
E841311		0.011	0.25	7.57	28	0.65	8.67	27	2.9	
E841312		0.027	0.23	2.79	31	1.04	18.55	64	4.4	
E841313		0.007	0.26	1.90	24	0.23	21.50	63	4.9	
E841314		0.009	0.17	1.50	20	0.28	7.72	44	4.3	
E841315		0.007	0.12	1.52	18	0.37	7.22	31	1.1	
E841316		0.009	0.11	1.62	13	0.08	11.75	76	3.6	
E841317		0.010	0.11	0.94	24	0.12	4.86	63	2.1	
E841318		0.008	0.15	0.92	33	0.12	5.30	78	2.6	
E841319		0.014	0.11	0.80	32	0.16	3.87	81	1.3	
E841320		0.011	0.11	0.59	34	0.18	3.52	46	1.1	
E841321		0.007	0.09	1.06	11	0.30	8.52	26	3.9	
E841322		0.013	0.11	1.25	19	0.51	10.20	32	3.1	
E841323		0.011	0.37	0.70	21	0.11	21.40	151	3.7	
E841324		0.012	0.59	1.87	27	0.15	16.05	174	1.8	
E841325		0.007	1.10	4.12	18	0.09	16.35	281	2.6	
E841326		0.010	0.63	1.04	23	0.10	14.30	305	2.7	
E841327		0.011	1.08	1.27	16	0.12	12.45	317	1.7	
E841328		0.011	0.47	1.15	26	0.13	15.55	176	2.2	
E841329		0.009	0.45	0.91	23	0.08	12.65	105	2.1	
E841330		0.011	0.53	0.91	27	0.08	13.45	124	2.2	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841331		0.30	<0.005	0.88	0.56	18.0	<0.2	10	90	0.76	0.19	8.76	0.67	27.00	8.3	7
E841332		0.28	<0.005	1.86	0.35	38.0	<0.2	10	60	0.51	0.19	8.55	0.61	18.00	7.1	4
E841333		0.32	<0.005	1.02	0.47	25.8	<0.2	10	70	0.69	0.24	6.98	0.65	22.90	8.8	6
E841334		0.28	<0.005	1.38	0.33	30.8	<0.2	10	50	0.69	0.24	9.17	0.59	19.55	10.1	5
E841335		0.40	0.006	0.60	0.46	19.7	<0.2	10	80	0.67	0.24	8.72	0.33	25.40	14.0	7
E841336		0.26	<0.005	0.83	0.39	22.0	<0.2	10	150	0.54	0.22	8.51	0.49	19.80	9.1	7
E841337		0.24	<0.005	0.67	0.99	18.4	<0.2	10	220	1.04	0.33	2.76	0.40	33.00	14.3	15
E841338		0.32	0.005	1.34	0.61	38.5	<0.2	10	110	0.78	0.30	6.21	0.66	26.00	14.9	9
E841339		0.24	<0.005	1.32	0.59	25.8	<0.2	10	120	0.74	0.30	5.53	1.25	28.50	11.7	8
E841340		0.28	<0.005	0.62	1.55	11.7	<0.2	10	110	1.70	0.56	1.31	0.52	83.20	12.9	16
E841341		0.28	<0.005	0.36	1.56	10.0	<0.2	<10	100	1.82	0.64	0.39	0.40	69.20	17.5	20
E841342		0.40	<0.005	0.15	1.96	7.9	<0.2	<10	140	1.72	0.94	0.47	0.28	44.10	18.5	24
E841343		0.40	<0.005	0.31	1.78	5.9	<0.2	<10	90	1.52	0.86	0.53	0.26	46.30	15.4	20
E841344		0.38	<0.005	0.17	2.50	4.5	<0.2	<10	140	1.26	0.61	1.51	0.15	67.50	21.6	25
E841345		0.24	<0.005	0.41	1.36	12.2	<0.2	<10	130	1.21	0.45	0.61	0.75	52.20	11.7	18
E841346		0.24	<0.005	0.28	1.09	8.4	<0.2	10	80	1.07	0.39	2.74	1.98	49.10	9.3	14
E841347		0.32	<0.005	0.22	1.17	9.9	<0.2	10	110	1.11	0.41	2.23	0.43	61.60	9.6	13
E841348		0.42	<0.005	0.24	1.21	16.0	<0.2	<10	140	0.91	0.44	1.04	0.31	58.40	10.6	15
E841349		0.30	<0.005	0.24	0.75	7.8	<0.2	<10	80	1.00	0.43	3.45	1.16	57.00	8.8	11
E841350		0.24	<0.005	0.66	2.10	8.4	<0.2	<10	110	1.35	0.75	0.61	0.36	52.80	11.5	19
E841351		0.40	<0.005	0.70	1.90	11.3	<0.2	<10	130	1.81	0.79	0.22	0.40	63.50	15.2	19
E841352		0.34	<0.005	0.23	0.54	<2	<0.2	<10	40	0.57	0.30	10.05	1.43	45.30	7.1	6
E841353		0.28	<0.005	0.42	1.21	19.8	<0.2	<10	120	0.86	0.43	6.45	0.62	45.50	13.1	13
E841354		0.38	<0.005	0.74	1.90	44.0	<0.2	<10	160	2.43	1.77	0.50	0.73	68.50	39.8	16
E841355		0.34	<0.005	0.66	0.68	19.1	<0.2	10	70	1.63	0.47	9.57	1.09	35.80	12.6	10
E841356		0.38	<0.005	4.55	0.87	74.9	<0.2	<10	110	1.36	0.90	1.09	8.17	39.90	15.7	11
E841357		0.26	<0.005	1.90	0.15	44	<0.2	<10	50	0.85	0.24	10.25	3.92	20.70	12.2	3
E841358		0.46	<0.005	3.58	0.36	95.0	<0.2	<10	70	1.06	0.27	7.15	11.25	25.70	14.5	5
E841359		0.28	<0.005	3.13	0.14	62	<0.2	<10	20	0.96	0.14	10.25	8.16	15.55	11.1	3
E841360		0.46	<0.005	3.12	0.19	88.7	<0.2	<10	30	1.09	0.20	9.86	10.15	23.80	15.4	3
E841361		0.34	<0.005	10.60	0.15	217.0	<0.2	<10	10	1.12	0.27	7.58	27.20	24.90	15.9	2
E841362		0.50	<0.005	0.25	1.57	17.7	<0.2	<10	140	2.33	0.85	0.10	0.38	37.50	27.8	20
E841363		0.40	<0.005	0.34	1.37	10.6	<0.2	<10	520	3.87	0.49	0.39	0.43	30.90	27.4	17
E841364		0.52	<0.005	0.06	1.15	6.7	<0.2	<10	180	1.21	0.55	0.12	0.30	37.50	13.4	17
E841365		0.44	<0.005	0.09	1.47	9.2	<0.2	<10	200	3.08	0.48	0.16	0.17	34.00	20.2	20
E841366		0.58	<0.005	0.10	1.62	6.6	<0.2	<10	120	4.84	0.42	0.23	0.19	46.60	34.5	18
E841367		0.44	<0.005	0.10	1.25	8.5	<0.2	<10	140	2.18	0.77	0.10	0.16	31.70	16.5	19
E841368		0.42	<0.005	0.37	1.19	14.7	<0.2	<10	80	2.39	0.68	0.12	0.18	30.80	19.9	19

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841331		0.94	20.9	3.18	1.48	0.07	0.06	0.18	0.033	0.13	13.0	18.0	5.72	1360	1.26	0.01
E841332		0.53	24.1	6.54	0.97	0.08	0.04	0.20	0.025	0.08	8.2	7.4	5.53	1215	2.16	0.01
E841333		0.92	25.6	5.15	1.30	0.08	0.07	0.16	0.040	0.11	11.1	11.9	4.55	1260	1.56	0.01
E841334		0.59	34.0	5.26	0.91	0.07	0.05	0.23	0.029	0.07	9.3	7.3	5.99	1010	2.74	0.01
E841335		0.76	30.2	3.19	1.37	0.07	0.05	0.12	0.030	0.10	12.3	10.6	5.75	989	1.32	0.01
E841336		0.48	34.4	4.19	1.20	0.07	0.05	0.11	0.032	0.07	9.6	8.1	5.53	1130	1.62	0.01
E841337		1.27	31.4	3.98	2.92	0.07	0.04	0.16	0.058	0.11	16.5	17.0	2.03	1600	1.43	0.01
E841338		1.33	49.8	6.72	1.83	0.10	0.04	0.24	0.039	0.09	12.9	9.7	4.08	1120	3.01	0.02
E841339		0.94	40.7	7.52	1.66	0.09	0.05	0.20	0.045	0.09	14.1	9.0	3.54	1235	3.99	0.01
E841340		3.98	26.8	5.78	4.17	0.11	0.09	0.11	0.108	0.14	42.4	18.7	1.64	1970	0.93	0.01
E841341		5.10	25.1	4.05	4.78	0.09	0.09	0.07	0.082	0.14	31.6	18.8	0.86	2130	0.93	<0.01
E841342		9.44	51.5	3.76	6.68	0.09	0.06	0.07	0.064	0.15	20.5	24.9	1.02	1975	1.25	0.01
E841343		4.01	51.6	3.13	5.76	0.12	0.08	0.07	0.051	0.16	22.2	25.8	1.36	1485	0.81	<0.01
E841344		4.15	40.3	3.51	7.15	0.17	0.13	0.03	0.056	0.17	32.4	38.5	2.62	1785	0.85	<0.01
E841345		1.88	26.4	2.94	4.15	0.09	0.07	0.07	0.058	0.15	26.0	22.3	0.89	1190	0.79	0.01
E841346		1.27	28.2	2.38	3.70	0.12	0.10	0.05	0.050	0.17	26.0	22.2	1.93	1050	0.52	0.01
E841347		1.29	21.3	1.98	3.92	0.11	0.09	0.03	0.043	0.21	29.1	27.8	1.89	946	0.50	0.01
E841348		2.15	15.3	3.73	3.99	0.13	0.10	0.04	0.057	0.13	27.9	19.4	1.17	1550	0.48	<0.01
E841349		2.16	25.2	2.57	2.78	0.10	0.09	0.06	0.052	0.12	28.4	12.0	2.13	1420	0.60	0.01
E841350		3.30	51.8	3.75	6.08	0.15	0.17	0.08	0.069	0.13	27.7	34.1	1.78	2560	0.54	0.01
E841351		6.03	44.9	4.11	5.88	0.17	0.16	0.09	0.081	0.16	33.5	29.6	1.47	2740	0.75	<0.01
E841352		1.19	14.4	1.68	1.84	0.09	0.07	0.04	0.030	0.08	21.5	12.3	5.71	1280	0.47	0.02
E841353		1.67	27.6	2.97	3.61	0.12	0.13	0.06	0.053	0.11	22.5	21.2	3.99	3280	2.16	0.01
E841354		9.40	85.3	4.20	5.91	0.15	0.15	0.08	0.112	0.15	30.2	28.6	1.10	2100	1.26	<0.01
E841355		3.16	19.9	1.59	2.73	0.10	0.08	0.04	0.030	0.21	15.6	17.4	3.07	1140	0.74	0.01
E841356		4.09	49.6	5.67	2.67	0.14	0.08	1.78	0.071	0.10	17.9	11.0	0.97	1800	0.92	0.01
E841357		0.72	25.4	2.59	0.57	0.10	0.03	0.66	0.038	0.04	8.9	3.1	6.19	1220	0.49	0.01
E841358		1.31	50.7	3.48	1.22	0.15	0.06	1.60	0.051	0.09	11.5	14.5	4.45	1090	1.04	0.01
E841359		0.56	25.3	3.48	0.62	0.16	0.05	1.57	0.034	0.05	6.6	7.6	6.31	965	0.76	0.01
E841360		0.78	30.3	2.97	0.79	0.17	0.05	1.51	0.042	0.07	10.5	11.2	6.03	1170	0.90	0.01
E841361		1.17	34.8	7.14	1.07	0.31	0.10	1.37	0.090	0.08	11.8	7.6	4.34	1490	1.40	0.01
E841362		6.19	55.1	4.18	5.22	0.10	0.05	0.31	0.071	0.11	16.1	20.6	0.53	1200	1.35	<0.01
E841363		3.97	32.9	3.18	3.71	0.11	0.10	0.37	0.085	0.11	12.9	12.1	0.36	2690	1.10	0.01
E841364		2.08	23.3	3.52	4.66	0.08	0.03	0.26	0.039	0.12	17.7	12.1	0.28	1500	0.99	<0.01
E841365		5.40	32.7	3.91	4.09	0.07	0.06	0.27	0.108	0.11	15.0	15.6	0.43	1620	1.38	<0.01
E841366		6.16	14.9	4.72	4.66	0.10	0.08	0.29	0.290	0.12	20.0	15.2	0.52	2780	0.95	<0.01
E841367		5.86	41.6	3.37	4.07	0.06	0.03	0.27	0.083	0.11	13.1	12.2	0.32	1310	1.34	<0.01
E841368		7.45	79.0	2.76	3.49	0.08	0.02	0.33	0.057	0.09	11.6	12.7	0.32	1290	1.19	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841331		0.16	17.3	580	122.0	9.3	<0.001	0.06	2.08	4.1	0.7	0.3	15.3	<0.01	0.04	1.7
E841332		0.13	19.9	310	212.0	4.8	<0.001	0.25	3.98	4.0	0.6	0.2	15.0	0.01	0.04	1.8
E841333		0.13	17.1	470	109.0	7.0	<0.001	0.16	2.44	4.4	0.7	0.2	12.9	<0.01	0.04	1.9
E841334		0.13	22.1	300	145.5	4.9	<0.001	0.17	3.53	3.9	0.6	0.2	15.6	<0.01	0.03	1.9
E841335		0.17	22.4	410	89.0	6.8	<0.001	0.11	1.79	4.3	0.6	0.2	17.1	<0.01	0.04	2.6
E841336		0.19	16.5	380	157.0	5.0	<0.001	0.16	2.06	3.9	0.6	0.5	16.4	<0.01	0.03	1.8
E841337		0.25	25.3	630	88.6	10.2	<0.001	0.09	2.15	5.2	0.7	0.4	11.5	0.01	0.04	1.0
E841338		0.27	27.4	480	190.5	8.0	0.001	0.31	3.51	4.7	0.7	0.4	16.8	0.01	0.04	2.0
E841339		0.21	19.9	490	386.0	7.4	0.001	0.32	3.84	4.6	0.8	0.3	11.8	0.01	0.04	1.7
E841340		0.20	20.6	890	162.0	14.2	<0.001	0.10	2.32	9.0	1.1	0.4	7.2	0.01	0.06	2.0
E841341		0.23	20.5	930	122.0	20.0	<0.001	0.07	1.67	7.2	1.0	0.6	6.4	0.01	0.06	2.5
E841342		0.40	20.9	1350	51.8	27.0	<0.001	0.10	1.07	5.3	1.0	0.6	11.7	0.01	0.08	1.6
E841343		0.30	19.8	1020	94.2	18.9	0.001	0.07	0.81	5.3	1.0	0.6	10.3	0.01	0.05	2.4
E841344		0.18	25.2	560	49.0	19.1	<0.001	0.03	0.89	7.0	0.7	0.5	9.7	0.01	0.05	5.3
E841345		0.28	18.1	690	179.5	14.6	<0.001	0.07	1.77	4.2	0.9	0.5	8.0	<0.01	0.05	2.0
E841346		0.22	17.8	490	226.0	14.1	<0.001	0.04	1.03	4.7	1.2	0.5	11.2	0.01	0.03	2.9
E841347		0.23	17.3	370	108.5	15.0	<0.001	0.03	1.26	3.8	0.8	0.5	8.3	<0.01	0.03	3.8
E841348		0.15	17.6	370	59.7	10.8	<0.001	0.03	0.92	5.2	0.9	3.6	6.8	<0.01	0.03	5.9
E841349		0.16	14.2	460	172.0	10.5	<0.001	0.03	0.76	4.9	1.0	0.4	13.3	<0.01	0.03	5.3
E841350		0.17	19.9	640	104.5	15.5	<0.001	0.05	0.61	6.3	1.6	0.3	7.3	0.01	0.04	4.0
E841351		0.22	23.1	760	131.0	18.3	<0.001	0.04	0.87	6.8	1.5	0.5	6.1	0.01	0.06	6.1
E841352		0.10	10.3	280	212.0	6.4	<0.001	0.02	0.71	2.8	0.7	0.4	22.6	<0.01	0.02	4.8
E841353		0.23	18.3	480	197.0	9.5	<0.001	0.04	1.53	4.6	1.2	0.3	23.0	<0.01	0.04	4.5
E841354		0.36	24.1	870	360.0	20.5	<0.001	0.06	2.53	4.7	1.4	0.6	8.8	0.01	0.10	4.7
E841355		0.16	20.0	540	395.0	16.8	<0.001	0.03	1.61	4.1	1.6	0.6	27.0	<0.01	0.05	6.2
E841356		0.20	30.4	520	2640.0	10.9	<0.001	0.17	5.77	6.9	1.7	0.3	6.5	<0.01	0.06	3.3
E841357		0.07	24.1	200	868.0	3.2	<0.001	0.12	3.64	2.9	1.9	0.2	18.2	0.01	0.03	2.0
E841358		0.13	31.2	370	1870.0	7.3	<0.001	0.17	7.08	3.8	2.4	0.3	13.3	0.01	0.03	2.6
E841359		0.08	24.5	180	1410.0	3.6	<0.001	0.38	6.01	2.7	2.7	0.2	18.2	0.01	0.02	1.5
E841360		0.08	33.6	280	1365.0	5.4	<0.001	0.33	6.32	3.2	2.8	0.3	20.0	0.01	0.03	2.4
E841361		0.06	42.6	640	3970.0	4.2	0.002	0.82	21.10	5.0	4.2	0.3	16.2	0.01	0.10	3.8
E841362		0.32	19.5	510	102.0	23.1	<0.001	0.02	2.13	3.1	1.6	0.6	4.2	0.01	0.04	4.7
E841363		0.34	20.0	770	53.7	19.0	<0.001	0.07	1.51	3.0	2.6	0.6	9.9	0.01	0.05	2.5
E841364		0.34	13.7	450	23.4	18.6	<0.001	0.02	1.04	1.9	1.4	0.5	4.4	<0.01	0.05	5.1
E841365		0.29	19.7	570	22.4	21.6	<0.001	0.03	1.67	3.6	1.2	0.4	6.2	<0.01	0.04	3.7
E841366		0.24	21.1	640	31.3	21.0	<0.001	0.03	1.86	6.5	1.6	0.4	6.7	0.01	0.03	5.5
E841367		0.42	16.3	330	18.8	23.2	<0.001	0.01	1.62	2.5	1.1	0.5	6.1	<0.01	0.04	5.6
E841368		0.54	22.2	280	17.3	18.6	<0.001	0.01	2.07	2.8	1.6	0.4	8.2	<0.01	0.04	4.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066077

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E841331		0.007	0.88	1.18	17	0.06	13.90	286	1.9	
E841332		<0.005	0.68	1.58	12	0.05	14.20	292	1.6	
E841333		0.005	0.63	1.17	14	0.05	13.30	371	2.3	
E841334		0.005	0.66	1.96	12	0.06	13.90	351	2.0	
E841335		0.009	0.47	1.09	14	0.08	12.95	165	2.2	
E841336		0.009	0.45	1.28	13	0.07	11.75	224	2.0	
E841337		0.017	0.42	0.81	26	0.11	17.95	143	1.0	
E841338		0.018	0.95	1.55	20	0.11	14.35	333	1.5	
E841339		0.012	0.63	1.81	20	0.09	15.55	469	1.5	
E841340		0.012	0.25	0.72	23	0.10	46.50	211	1.6	
E841341		0.013	0.25	1.38	24	0.08	31.80	193	1.8	
E841342		0.024	0.28	1.69	35	0.12	26.30	122	1.3	
E841343		0.018	0.18	1.59	25	0.09	28.00	153	1.8	
E841344		0.013	0.23	0.49	23	0.07	30.60	109	3.6	
E841345		0.016	0.21	0.69	24	0.12	22.10	454	1.4	
E841346		0.009	0.16	0.43	15	0.10	20.50	709	1.6	
E841347		0.009	0.16	0.52	16	0.12	14.60	246	1.8	
E841348		0.007	0.17	0.57	15	0.07	16.80	243	2.0	
E841349		0.007	0.16	0.42	13	0.06	18.80	934	1.7	
E841350		0.008	0.17	0.90	17	0.08	32.20	157	2.9	
E841351		0.011	0.29	1.22	19	0.09	33.40	263	2.6	
E841352		0.005	0.10	0.45	7	<0.05	14.65	739	1.6	
E841353		0.011	0.25	0.60	16	0.12	18.45	411	2.8	
E841354		0.016	0.58	1.27	23	0.11	22.70	431	2.9	
E841355		0.008	0.41	0.68	12	0.26	10.60	1130	3.9	
E841356		0.011	1.00	0.70	16	0.16	18.65	5110	2.2	
E841357		<0.005	0.52	0.41	6	0.09	8.25	2480	0.8	
E841358		0.005	0.88	0.68	10	0.11	10.60	5940	1.6	
E841359		<0.005	1.15	0.48	6	0.08	7.88	5160	1.8	
E841360		<0.005	0.55	0.80	7	0.07	8.89	5330	1.9	
E841361		<0.005	5.35	0.69	9	0.06	15.80	>10000	4.0	2.67
E841362		0.008	0.38	0.75	23	0.13	4.56	287	1.4	
E841363		0.011	0.26	0.71	20	0.13	8.80	144	2.3	
E841364		0.010	0.14	0.52	21	0.10	3.62	81	0.9	
E841365		0.010	0.30	1.24	22	0.11	9.05	56	1.7	
E841366		0.009	0.25	1.14	21	0.08	13.05	54	2.3	
E841367		0.013	0.22	1.18	25	0.12	6.01	55	1.4	
E841368		0.023	0.23	1.09	26	0.15	6.29	49	0.7	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 16-JUL-2007
Account: EIAFRG

CERTIFICATE VA07066558

Project: Werneckes

P.O. No.: FRG07-01

This report is for 79 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07066558

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840689		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.01	0.02	0.94	0.1	<1
E840690		0.28	0.012	2.79	0.39	126.0	<0.2	10	200	1.27	0.28	9.51	1.00	23.30	24.5	7
E840691		0.34	<0.005	0.22	0.97	10.8	<0.2	10	210	1.24	0.39	5.58	0.23	27.60	14.6	12
E840692		0.10	<0.005	0.43	0.49	4.5	<0.2	10	410	1.50	0.25	2.95	0.24	5.96	5.4	6
E840693		0.30	<0.005	0.06	0.90	10.6	<0.2	<10	530	0.79	0.71	0.46	0.19	33.90	18.2	16
E840694		0.40	<0.005	0.16	0.78	5.7	<0.2	<10	150	1.12	0.52	0.22	0.13	28.70	11.0	12
E840695		0.32	<0.005	0.43	0.71	8.7	<0.2	<10	130	0.90	0.75	0.13	0.16	20.80	7.6	13
E840696		0.44	<0.005	0.21	0.63	12.5	<0.2	<10	440	1.11	0.84	2.28	0.05	39.70	20.7	9
E840697		0.32	<0.005	0.09	0.71	7.5	<0.2	<10	270	0.61	0.58	0.36	0.06	35.60	9.8	10
E840698		0.38	<0.005	0.61	0.72	7.0	<0.2	<10	270	0.76	0.45	0.64	0.36	23.30	8.9	12
E840699		0.32	<0.005	0.27	0.99	26.1	<0.2	<10	80	2.06	0.76	0.14	0.08	32.10	25.3	16
E840700		0.28	<0.005	0.41	0.81	11.8	<0.2	<10	210	0.99	0.81	0.32	0.12	31.70	15.7	18
E840912		0.12	<0.005	0.08	0.92	16.6	<0.2	<10	60	0.36	0.56	0.07	0.16	32.10	9.5	23
E840913		0.02	<0.005	0.04	0.48	4.5	<0.2	10	650	0.98	0.25	2.09	0.34	14.40	16.3	6
E840914		0.10	0.005	0.12	2.36	13.7	<0.2	<10	290	1.68	0.48	0.71	0.14	50.70	46.0	31
E840915		0.26	0.008	0.12	2.49	14.0	<0.2	<10	270	1.89	0.47	0.53	0.13	57.10	49.4	35
E840916		0.12	<0.005	0.16	0.85	6.4	<0.2	<10	340	0.77	0.31	2.00	0.27	11.05	21.5	13
E840917		0.18	<0.005	0.06	2.62	13.8	<0.2	<10	270	1.86	0.50	0.53	0.12	43.70	58.0	30
E840918		0.18	0.011	0.15	2.13	23.9	<0.2	<10	240	1.71	0.84	0.46	0.13	49.20	35.3	25
E840919		0.18	0.009	0.11	1.58	38.4	<0.2	<10	290	1.27	0.87	0.38	0.11	51.90	33.1	20
E840920		0.20	<0.005	0.08	1.13	50.5	<0.2	<10	60	0.48	1.14	0.03	0.04	63.70	18.0	16
E840921		0.24	0.005	0.04	2.55	21.4	<0.2	<10	100	1.67	0.57	0.07	0.05	86.30	27.5	24
E840922		0.08	0.009	0.15	0.93	11.9	<0.2	<10	110	0.37	0.64	0.07	0.11	26.40	8.8	19
E840923		0.24	<0.005	0.07	2.06	16.6	<0.2	<10	130	1.14	0.54	0.32	0.14	58.80	31.6	26
E840924		0.12	0.009	0.30	2.69	5.0	<0.2	<10	210	1.65	0.39	1.56	0.19	41.40	33.9	27
E840925		0.10	<0.005	0.08	0.82	3.3	<0.2	<10	130	0.52	0.25	0.99	0.50	20.10	15.8	18
E840926		0.24	0.043	0.23	1.72	12.8	<0.2	<10	960	1.31	1.16	0.69	0.20	157.00	57.1	24
E840927		0.22	0.007	0.20	1.95	11.2	<0.2	<10	220	1.09	0.61	0.45	0.24	82.40	33.8	25
E840928		0.24	0.018	0.13	2.66	4.8	<0.2	<10	230	1.31	0.46	0.38	0.08	61.40	39.9	41
E840929		0.24	0.025	0.13	2.76	4.7	<0.2	<10	250	1.45	0.46	0.54	0.09	67.20	38.9	38
E840930		0.14	0.020	0.09	2.92	5.1	<0.2	<10	240	1.56	0.47	0.33	0.07	71.70	40.8	42
E840931		0.14	0.018	0.12	2.76	4.8	<0.2	<10	240	1.44	0.46	0.28	0.08	69.40	39.3	42
E840932		0.20	0.017	0.15	2.79	4.7	<0.2	<10	220	1.50	0.50	0.28	0.09	70.70	39.5	43
E840933		0.28	0.013	0.08	2.75	97.6	<0.2	<10	200	2.06	1.58	0.03	0.11	77.80	60.1	28
E840934		0.26	0.016	0.07	2.53	80.2	<0.2	<10	250	1.79	1.58	0.05	0.05	68.40	58.5	26
E840935		0.18	0.045	0.16	2.03	53.0	<0.2	<10	370	1.54	1.29	0.26	0.08	64.10	54.7	23
E840936		0.26	0.022	0.10	2.47	5.8	<0.2	<10	150	1.21	0.45	0.29	0.06	70.30	36.1	40
E840937		0.26	0.028	0.15	1.51	9.8	<0.2	<10	210	0.71	1.36	0.50	0.15	75.70	43.0	25
E840938		0.26	0.022	0.16	1.59	12.0	<0.2	<10	270	0.71	1.47	0.46	0.16	83.70	45.6	24
E840939		0.28	0.028	0.13	1.53	14.0	<0.2	<10	260	0.70	1.27	0.43	0.16	94.70	37.6	22

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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700 - 700 PENDER ST
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Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066558

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840689		<0.05	0.7	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	10	0.07	<0.01
E840690		1.14	60.4	7.27	1.20	0.15	0.07	1.68	0.116	0.07	11.9	3.6	4.88	2560	2.44	0.02
E840691		2.19	50.7	2.64	2.99	0.08	0.10	0.07	0.039	0.19	13.4	12.0	3.30	908	1.25	0.02
E840692		1.52	337.0	0.90	1.32	<0.05	0.08	0.15	0.026	0.07	4.6	3.0	0.59	493	0.96	0.01
E840693		1.46	61.5	3.22	3.12	0.08	0.09	0.03	0.084	0.14	17.1	6.6	0.32	1335	2.44	<0.01
E840694		1.07	36.0	2.19	3.73	0.07	0.03	0.08	0.068	0.12	14.7	6.5	0.21	1070	1.09	<0.01
E840695		1.85	68.1	2.26	3.61	0.06	0.02	0.04	0.051	0.10	10.0	7.0	0.17	316	1.34	<0.01
E840696		2.34	99.9	2.95	1.98	0.09	0.14	0.07	0.058	0.17	20.5	5.3	1.10	1520	2.26	0.01
E840697		1.07	26.5	2.33	2.87	0.06	0.04	0.03	0.037	0.10	18.3	4.0	0.21	533	1.30	<0.01
E840698		1.20	25.1	2.35	3.50	0.06	0.04	0.06	0.069	0.12	11.5	3.7	0.18	2070	1.43	<0.01
E840699		3.82	50.8	2.81	2.86	0.05	0.07	0.03	0.053	0.12	15.8	12.6	0.35	919	1.13	<0.01
E840700		2.21	50.6	2.91	2.68	0.05	0.04	0.04	0.071	0.16	15.0	9.1	0.23	2690	1.89	<0.01
E840912		0.89	25.4	3.28	5.66	0.05	<0.02	0.07	0.026	0.06	15.7	8.9	0.33	609	2.78	0.01
E840913		0.33	29.3	0.71	1.03	<0.05	0.03	0.19	0.012	0.09	6.0	2.4	0.35	2970	1.41	0.01
E840914		2.52	64.9	3.68	10.40	0.11	0.04	0.07	0.078	0.14	27.2	47.8	2.79	1460	1.95	0.01
E840915		2.47	70.1	4.27	11.05	0.13	0.05	0.05	0.071	0.27	31.6	51.3	3.05	1425	1.94	0.01
E840916		1.06	55.9	1.40	3.57	0.05	0.05	0.10	0.034	0.06	6.3	10.1	0.80	1530	1.67	0.02
E840917		2.94	65.8	3.97	12.15	0.11	0.07	0.05	0.078	0.10	24.4	46.1	2.79	2390	1.70	0.01
E840918		1.54	102.0	3.46	8.13	0.09	0.08	0.05	0.076	0.08	25.9	39.6	1.83	565	4.01	0.01
E840919		0.85	84.5	3.70	5.14	0.09	0.08	0.05	0.054	0.08	25.6	26.3	0.95	1080	4.89	0.01
E840920		1.04	40.0	3.61	6.51	0.08	0.03	0.04	0.042	0.06	31.6	10.8	0.47	868	6.18	<0.01
E840921		1.38	123.0	4.37	7.30	0.11	0.06	0.04	0.044	0.07	41.5	41.2	1.19	764	1.33	<0.01
E840922		1.74	32.3	2.20	5.32	<0.05	<0.02	0.07	0.035	0.06	14.2	7.7	0.35	212	3.56	0.01
E840923		1.84	115.5	4.12	7.96	0.13	0.03	0.04	0.063	0.14	26.6	29.7	1.82	1355	2.43	0.01
E840924		3.14	246.0	3.89	9.96	0.14	0.08	0.09	0.066	0.09	40.4	29.2	2.41	2520	2.62	0.03
E840925		1.37	35.9	1.71	3.93	0.06	0.02	0.12	0.031	0.10	9.9	9.3	0.74	1470	2.51	0.02
E840926		1.17	303.0	6.35	8.05	0.21	0.14	0.10	0.214	0.07	104.0	23.0	0.95	9200	2.90	<0.01
E840927		1.60	120.0	6.46	8.07	0.13	0.08	0.07	0.097	0.07	43.8	23.3	1.21	4950	2.63	0.01
E840928		2.09	266.0	6.01	11.45	0.22	0.07	0.04	0.073	0.13	33.6	41.7	2.91	2620	3.11	0.01
E840929		2.18	222.0	5.82	11.70	0.21	0.07	0.07	0.078	0.13	36.2	45.1	2.96	2960	2.45	0.01
E840930		2.25	266.0	6.34	12.95	0.18	0.06	0.05	0.080	0.11	38.2	48.3	3.08	2980	2.69	0.01
E840931		2.14	259.0	6.12	12.00	0.18	0.06	0.04	0.072	0.10	36.4	47.1	3.02	2540	2.79	0.01
E840932		2.21	217.0	6.37	12.30	0.20	0.06	0.04	0.075	0.10	36.4	48.4	3.02	2510	2.84	0.01
E840933		1.69	121.5	5.48	9.28	0.10	0.11	0.04	0.097	0.08	38.9	45.7	1.65	1810	6.88	<0.01
E840934		1.47	126.5	5.46	8.36	0.11	0.11	0.04	0.083	0.08	35.2	41.5	1.61	1605	7.91	<0.01
E840935		1.14	156.0	5.48	6.67	0.12	0.10	0.06	0.076	0.10	32.9	33.3	1.44	2190	7.42	0.01
E840936		1.93	290.0	5.90	10.95	0.23	0.05	0.05	0.064	0.14	45.4	37.8	2.69	1985	2.76	0.01
E840937		0.82	372.0	5.40	6.71	0.14	0.07	0.05	0.085	0.06	42.4	19.3	1.26	3950	6.04	0.01
E840938		0.85	401.0	5.60	6.65	0.14	0.10	0.06	0.104	0.05	52.9	18.2	1.09	4410	6.56	0.01
E840939		0.82	294.0	5.04	6.63	0.13	0.10	0.07	0.096	0.05	60.4	17.7	1.08	4120	6.81	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066558

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840689		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	0.01	0.3
E840690		0.16	67.2	840	176.5	6.6	<0.001	0.11	10.40	3.4	1.9	0.2	23.3	0.01	0.11	1.7
E840691		0.23	19.5	440	26.7	13.0	<0.001	0.03	1.09	3.9	0.7	0.4	22.3	<0.01	0.03	5.2
E840692		0.15	11.9	1030	16.4	9.9	<0.001	0.17	1.01	1.2	1.2	0.2	27.8	0.01	0.03	0.7
E840693		0.32	13.8	380	12.8	17.1	<0.001	0.03	1.06	4.1	0.5	0.5	7.5	<0.01	0.05	5.3
E840694		0.50	8.7	300	13.7	16.3	<0.001	0.02	0.81	1.7	0.5	0.5	7.0	<0.01	0.03	3.9
E840695		0.52	11.7	310	10.8	15.3	<0.001	0.02	1.38	1.5	0.5	0.5	5.4	<0.01	0.03	3.8
E840696		0.18	12.9	400	7.5	12.5	<0.001	0.03	1.33	3.1	0.6	0.4	16.3	<0.01	0.04	11.2
E840697		0.35	7.4	190	9.4	11.5	<0.001	0.02	0.78	1.4	0.4	0.4	5.3	<0.01	0.03	6.2
E840698		0.41	11.1	390	17.4	13.0	<0.001	0.04	1.09	1.5	0.5	0.5	15.4	<0.01	0.03	3.0
E840699		0.40	21.8	230	18.5	17.1	<0.001	0.02	1.67	2.7	0.5	0.4	7.0	<0.01	0.02	6.4
E840700		0.31	17.5	370	18.1	20.6	<0.001	0.03	1.48	2.4	0.5	0.4	9.9	0.01	0.03	8.0
E840912		0.40	16.0	900	6.8	11.5	<0.001	0.08	0.67	1.0	0.8	0.4	6.8	<0.01	0.09	0.5
E840913		0.11	10.6	2130	6.3	5.8	<0.001	0.22	0.26	0.4	1.1	<0.2	26.5	0.01	0.03	0.6
E840914		0.76	45.6	940	6.7	26.5	<0.001	0.08	0.54	5.7	1.1	0.9	9.8	0.01	0.10	4.6
E840915		0.67	49.2	880	5.5	39.5	<0.001	0.05	0.55	7.0	1.0	0.9	6.7	<0.01	0.09	8.4
E840916		0.43	16.6	1830	5.7	15.2	<0.001	0.25	0.40	1.6	1.5	0.3	17.9	0.01	0.07	1.1
E840917		0.79	41.7	1740	7.5	34.8	<0.001	0.11	0.52	5.3	1.2	1.0	8.6	0.01	0.10	4.5
E840918		0.61	37.4	710	6.8	23.6	<0.001	0.12	0.57	4.7	1.5	0.6	6.4	0.01	0.11	8.2
E840919		0.41	31.8	860	6.1	12.9	<0.001	0.07	0.59	2.4	1.0	0.3	5.8	0.01	0.14	8.4
E840920		0.31	16.4	700	6.8	16.2	<0.001	0.04	0.82	1.3	0.7	0.4	2.6	0.01	0.14	6.6
E840921		0.19	39.4	460	5.7	13.0	<0.001	0.01	0.41	3.2	0.6	0.3	3.1	<0.01	0.08	13.4
E840922		0.28	15.4	1090	10.7	14.1	<0.001	0.12	0.69	0.6	0.9	0.5	8.5	<0.01	0.11	0.2
E840923		0.48	38.4	900	7.0	23.1	<0.001	0.05	0.64	5.8	0.8	0.5	12.1	<0.01	0.10	4.4
E840924		0.42	49.3	1770	6.8	21.6	<0.001	0.18	0.65	7.6	2.9	0.5	13.0	0.01	0.11	2.6
E840925		0.24	24.1	1430	5.6	15.3	<0.001	0.17	0.34	2.7	1.1	0.3	10.4	<0.01	0.06	1.0
E840926		0.21	47.8	1650	11.6	9.8	<0.001	0.12	1.04	18.6	3.1	0.5	13.1	0.02	0.21	11.1
E840927		0.30	43.7	1400	21.9	16.6	<0.001	0.13	1.71	12.9	1.5	0.5	8.9	0.01	0.15	7.4
E840928		0.29	56.8	820	5.6	15.7	<0.001	0.06	0.67	13.9	1.2	0.5	5.2	0.01	0.14	12.5
E840929		0.32	57.1	900	6.0	19.9	<0.001	0.09	0.68	13.8	1.4	0.6	6.0	0.01	0.16	11.2
E840930		0.34	59.0	820	6.5	17.3	<0.001	0.05	0.65	15.0	1.3	0.6	6.2	0.01	0.15	12.9
E840931		0.29	57.0	790	5.6	14.7	<0.001	0.04	0.62	14.2	1.1	0.6	5.6	0.01	0.14	13.1
E840932		0.30	57.7	780	5.7	15.8	<0.001	0.04	0.65	14.4	1.0	0.6	5.7	0.01	0.15	13.7
E840933		0.42	44.4	730	10.4	30.0	<0.001	0.03	0.88	4.9	1.0	0.6	3.8	<0.01	0.19	11.9
E840934		0.36	47.5	640	8.2	18.2	<0.001	0.04	0.88	4.4	1.1	0.5	3.3	<0.01	0.24	12.8
E840935		0.39	49.4	690	12.9	16.8	0.001	0.06	1.01	4.7	1.6	0.3	4.4	<0.01	0.20	14.9
E840936		0.29	52.8	860	5.4	17.1	<0.001	0.05	0.63	13.2	1.3	0.6	5.0	0.01	0.13	11.8
E840937		0.22	42.0	1000	8.6	10.6	0.001	0.14	0.80	10.5	1.4	0.4	7.0	0.01	0.18	9.9
E840938		0.20	40.8	1140	8.7	9.9	0.001	0.12	0.73	11.4	1.7	0.3	7.8	0.01	0.20	10.3
E840939		0.22	40.4	1110	8.1	9.9	<0.001	0.08	0.63	10.5	1.7	0.4	7.1	0.01	0.22	9.4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066558

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840689		<0.005	<0.02	0.08	<1	<0.05	0.64	2	0.5
E840690		<0.005	1.40	0.60	23	0.12	18.85	726	1.8
E840691		0.013	0.16	0.62	19	0.14	9.57	83	4.2
E840692		<0.005	0.08	0.53	6	0.08	10.25	25	2.2
E840693		0.009	0.12	1.00	20	0.40	4.48	78	2.5
E840694		0.013	0.10	0.53	23	0.15	4.34	38	0.8
E840695		0.013	0.10	0.47	21	0.13	2.90	44	0.8
E840696		0.008	0.11	1.20	13	0.40	8.92	21	6.7
E840697		0.011	0.08	0.75	20	0.22	5.34	18	1.5
E840698		0.015	0.10	0.57	24	0.14	3.61	50	1.3
E840699		0.012	0.12	0.96	21	0.21	6.55	45	2.1
E840700		0.007	0.07	0.94	19	0.21	4.73	44	1.3
E840912		0.026	0.06	1.05	36	0.21	2.70	37	<0.5
E840913		<0.005	0.05	0.57	5	0.06	6.07	23	0.6
E840914		0.055	0.07	5.44	43	0.48	12.55	62	0.7
E840915		0.065	0.07	6.26	46	0.58	15.00	53	0.9
E840916		0.021	0.07	2.32	16	0.17	8.35	22	1.3
E840917		0.056	0.19	6.01	47	0.50	14.60	41	1.5
E840918		0.027	0.06	9.08	29	0.39	12.50	39	2.0
E840919		0.008	0.03	9.68	17	0.37	7.49	41	1.8
E840920		0.009	0.07	1.79	22	0.32	2.73	27	<0.5
E840921		0.008	0.09	1.93	25	0.18	5.51	31	1.5
E840922		0.015	0.10	1.75	33	0.23	3.54	29	<0.5
E840923		0.072	0.11	2.20	64	0.27	6.56	42	0.8
E840924		0.063	0.28	14.05	84	0.21	36.50	35	0.9
E840925		0.025	0.19	1.86	30	0.17	5.78	43	<0.5
E840926		0.019	1.80	8.39	37	0.47	58.10	36	1.5
E840927		0.027	10.10	8.49	43	0.32	27.10	62	1.0
E840928		0.066	0.88	4.60	104	0.36	18.15	43	1.2
E840929		0.059	1.00	4.21	97	0.34	18.75	42	1.2
E840930		0.068	0.77	4.92	110	0.42	18.55	46	0.9
E840931		0.069	0.80	4.66	107	0.38	16.00	46	1.2
E840932		0.072	0.68	4.99	111	0.43	15.40	44	1.2
E840933		0.018	0.11	7.22	35	0.41	8.59	45	2.9
E840934		0.014	0.07	9.57	30	0.37	9.46	38	2.9
E840935		0.012	0.42	13.20	26	0.33	14.40	46	2.9
E840936		0.067	0.56	5.62	100	0.36	19.00	40	1.0
E840937		0.024	2.37	7.29	47	0.32	19.20	35	1.3
E840938		0.016	2.36	8.10	39	0.30	24.00	36	1.6
E840939		0.019	1.00	6.38	36	0.31	23.60	40	1.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066558

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840940	0.24	0.032	0.11	1.49	14.2	<0.2	<10	240	0.71	1.03	0.35	0.17	99.80	37.0	23
E840941	0.14	0.010	0.13	1.27	7.7	<0.2	<10	100	0.53	0.84	1.21	0.15	57.10	27.2	16
E840942	0.04	<0.005	<0.01	0.04	<0.1	<0.2	<10	10	<0.05	0.04	0.01	0.02	1.29	0.1	<1
E840943	0.06	0.015	0.09	0.73	4.6	<0.2	<10	120	0.36	0.42	1.43	0.31	32.90	14.4	10
E840944	0.14	<0.005	0.07	1.26	4.5	<0.2	<10	130	0.56	0.54	0.56	0.11	75.90	22.3	21
E840945	0.10	0.017	0.10	0.32	2.1	<0.2	<10	70	0.28	0.17	2.36	0.17	15.80	5.5	4
E840946	0.18	0.006	0.06	1.55	4.6	<0.2	<10	150	0.62	0.63	0.54	0.11	46.10	23.9	25
E840947	0.18	0.010	0.13	1.72	38.8	<0.2	<10	230	1.02	1.90	0.12	0.11	49.10	35.9	22
E840948	0.24	0.009	0.13	1.33	34.3	<0.2	<10	570	1.30	2.66	0.69	0.16	30.30	31.8	15
E840949	0.18	<0.005	0.18	0.44	6.7	<0.2	<10	120	0.38	0.50	2.63	0.32	6.65	6.9	4
E840950	0.18	0.015	0.50	0.85	43.7	<0.2	<10	60	1.03	2.34	9.66	0.30	18.95	21.0	8
E840951	0.24	0.009	0.36	0.91	30.3	<0.2	<10	50	1.14	0.88	8.45	0.19	23.30	13.9	8
E840952	0.22	0.010	0.48	1.17	36.2	<0.2	<10	70	1.41	1.13	4.92	0.26	31.00	17.5	10
E840953	0.40	0.010	0.39	0.92	60.2	<0.2	<10	40	1.19	1.99	8.79	0.20	18.45	24.0	8
E840954	0.42	<0.005	0.24	0.59	31.4	<0.2	<10	30	0.85	1.52	7.31	0.20	12.55	14.4	6
E840955	0.22	<0.005	0.21	0.73	18.4	<0.2	10	140	1.01	1.49	4.00	0.34	24.50	14.1	7
E840956	0.12	0.010	0.12	0.46	6.0	<0.2	<10	680	0.78	0.49	1.56	0.32	16.85	15.0	6
E840957	0.36	0.010	0.31	0.95	40.7	<0.2	<10	200	1.03	3.33	9.90	0.11	22.20	29.4	8
E840958	0.20	<0.005	0.12	0.57	8.5	<0.2	<10	280	0.30	0.78	0.22	0.28	30.20	11.1	9
E840959	0.40	0.011	0.13	1.68	16.4	<0.2	<10	250	1.01	0.54	0.12	0.16	64.60	24.1	21
E840960	0.36	0.013	0.15	2.35	53.8	<0.2	<10	240	1.57	1.20	0.19	0.14	62.70	56.2	29
E840961	0.16	0.018	0.31	1.93	64.5	<0.2	<10	400	1.51	1.85	1.96	0.14	49.70	56.2	19
E840962	0.28	0.020	0.16	1.62	51.9	<0.2	<10	230	1.13	6.73	0.81	0.15	45.10	32.6	19
E840963	0.38	0.015	0.20	1.53	53.8	<0.2	<10	110	1.14	7.03	0.73	0.10	54.80	36.1	19
E840964	0.18	<0.005	0.20	0.59	12.3	<0.2	10	110	0.42	1.36	3.21	0.29	17.85	13.6	6
E840965	0.28	0.017	0.16	1.35	42.4	<0.2	<10	150	0.96	6.00	1.23	0.15	42.40	29.5	15
E840966	0.22	<0.005	0.23	1.18	23.6	<0.2	<10	190	0.86	3.40	1.51	0.25	27.10	24.0	12
E840967	0.22	0.012	0.15	1.44	37.2	<0.2	<10	100	1.06	5.50	0.78	0.09	44.10	27.2	17
E840968	0.36	<0.005	0.06	1.96	20.5	<0.2	<10	170	0.84	0.79	0.13	0.10	52.80	21.3	26
E840969	0.28	0.601	0.04	1.36	15.0	<0.2	<10	100	0.52	0.71	0.10	0.12	39.60	14.1	23
E840970	0.42	<0.005	0.03	1.26	9.2	<0.2	<10	230	0.45	0.59	0.25	0.10	38.30	15.7	23
E840971	0.28	0.010	0.39	1.67	37.2	<0.2	<10	90	2.12	2.37	0.79	0.23	40.30	31.9	17
E840972	0.22	<0.005	0.05	0.83	14.1	<0.2	<10	80	1.39	0.50	0.50	0.27	24.10	18.3	9
E840973	0.24	0.007	0.18	1.69	9.4	<0.2	<10	50	1.04	1.11	1.02	0.16	38.20	19.9	18
E840974	0.20	<0.005	0.06	1.58	10.0	<0.2	<10	50	1.06	0.47	0.53	0.20	24.50	15.4	17
E840975	0.22	<0.005	0.09	1.52	13.7	<0.2	<10	120	1.29	0.61	1.36	0.27	26.80	20.2	15
E840976	0.22	0.007	0.09	1.61	23.6	<0.2	<10	160	1.39	0.83	0.59	0.66	44.40	18.9	14
E840977	0.36	0.005	0.15	1.67	41.6	<0.2	<10	170	1.27	0.66	0.85	0.23	44.40	26.4	21
E840978	0.04	<0.005	0.01	0.05	<0.1	<0.2	<10	10	<0.05	0.02	0.01	0.01	1.25	0.1	<1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07066558

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840940		0.85	329.0	5.07	6.69	0.14	0.09	0.07	0.109	0.05	67.0	17.4	0.99	3860	6.95	<0.01
E840941		0.73	107.0	3.71	5.88	0.08	0.06	0.13	0.103	0.06	26.6	12.2	0.74	4070	3.38	0.01
E840942		<0.05	0.8	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	10	0.05	<0.01
E840943		0.74	115.0	2.04	3.27	0.06	0.05	0.12	0.060	0.07	19.2	8.4	0.60	2770	2.40	0.01
E840944		0.84	72.5	3.42	6.52	0.09	0.05	0.04	0.074	0.07	31.6	17.4	1.21	3430	2.59	0.01
E840945		0.32	72.5	0.80	1.31	0.05	0.03	0.10	0.031	0.05	12.6	3.2	0.43	876	1.09	0.02
E840946		0.88	58.7	4.43	8.72	0.07	0.04	0.02	0.092	0.06	20.2	21.4	1.38	3200	2.74	<0.01
E840947		1.30	62.7	5.53	7.73	0.10	0.05	0.06	0.092	0.08	25.2	23.3	1.20	2650	7.74	<0.01
E840948		1.09	59.6	5.69	4.85	0.11	0.09	0.05	0.086	0.09	14.6	15.5	0.87	4440	6.56	0.01
E840949		0.31	25.3	0.99	1.20	<0.05	0.04	0.08	0.020	0.03	3.5	3.2	0.49	1300	1.40	0.01
E840950		1.06	69.1	6.77	2.33	0.27	0.08	0.17	0.064	0.08	10.4	18.4	5.93	5280	5.96	0.02
E840951		1.38	46.0	5.96	2.54	0.29	0.07	0.13	0.057	0.09	12.6	20.9	5.45	5000	5.21	0.02
E840952		1.77	54.0	7.74	3.41	0.33	0.08	0.19	0.077	0.11	17.5	26.2	3.58	6890	6.21	0.01
E840953		0.98	87.2	8.88	2.63	0.49	0.10	0.10	0.067	0.11	9.5	16.9	4.68	6280	4.25	0.01
E840954		0.54	63.7	5.94	1.73	0.30	0.06	0.10	0.058	0.05	6.2	10.7	3.96	5550	3.25	0.02
E840955		0.66	36.3	7.69	2.35	0.15	0.05	0.14	0.093	0.07	12.6	10.9	1.88	10100	2.35	0.02
E840956		1.09	67.9	1.41	2.33	<0.05	0.04	0.19	0.033	0.08	7.9	4.7	0.29	4710	1.57	0.01
E840957		1.15	122.0	5.52	2.95	0.22	0.08	0.09	0.081	0.10	11.4	24.8	6.00	4530	6.68	0.02
E840958		1.31	14.8	3.95	4.31	0.05	0.02	0.08	0.083	0.06	13.2	3.8	0.17	2730	2.54	<0.01
E840959		1.01	40.8	4.91	6.24	0.10	0.05	0.04	0.099	0.07	30.6	25.4	0.87	2820	2.04	<0.01
E840960		1.53	155.0	5.74	8.55	0.13	0.10	0.06	0.093	0.10	33.4	33.5	1.82	2400	7.14	<0.01
E840961		1.25	171.5	5.79	6.42	0.13	0.13	0.08	0.103	0.09	26.0	30.7	2.31	3590	10.30	0.01
E840962		0.94	304.0	6.18	5.55	0.12	0.08	0.07	0.126	0.07	25.1	20.4	1.29	3810	7.94	0.01
E840963		0.85	242.0	6.72	5.44	0.15	0.10	0.06	0.137	0.07	29.9	23.0	1.52	4460	10.45	0.01
E840964		0.61	159.5	1.92	2.05	0.07	0.04	0.08	0.059	0.03	8.4	5.8	0.69	3810	3.15	0.02
E840965		0.69	171.5	5.76	4.65	0.12	0.07	0.06	0.130	0.07	22.5	19.6	1.43	4140	7.69	0.01
E840966		0.78	246.0	3.79	4.00	0.08	0.08	0.09	0.099	0.06	16.4	14.8	1.01	4010	5.12	0.01
E840967		0.71	242.0	5.66	5.03	0.10	0.07	0.05	0.120	0.06	26.3	19.8	1.24	3030	6.70	0.01
E840968		1.06	37.2	4.11	5.90	0.07	0.04	0.04	0.052	0.08	23.0	21.8	0.70	1435	1.84	<0.01
E840969		1.26	21.5	4.06	7.64	0.07	0.02	0.04	0.039	0.06	18.9	19.5	0.55	586	2.14	<0.01
E840970		1.50	13.5	3.50	7.26	0.06	0.02	0.01	0.036	0.07	19.1	21.8	0.67	642	1.75	<0.01
E840971		1.70	117.0	6.88	4.89	0.18	0.12	0.13	0.130	0.13	21.1	39.0	1.72	5210	7.54	0.01
E840972		1.65	18.7	4.73	2.57	0.08	0.04	0.07	0.084	0.06	12.8	11.5	0.35	4220	1.05	0.01
E840973		3.16	36.4	5.54	4.17	0.38	0.06	0.06	0.096	0.13	20.8	32.3	2.28	4450	0.91	0.01
E840974		4.56	15.9	4.29	4.29	0.17	0.03	0.04	0.052	0.08	12.2	25.6	1.54	2670	0.65	<0.01
E840975		3.04	34.3	5.00	3.68	0.18	0.05	0.07	0.092	0.08	12.8	22.0	1.48	5530	0.98	0.01
E840976		2.67	32.9	6.31	4.00	0.10	0.06	0.13	0.093	0.06	20.0	11.4	0.62	7950	2.00	<0.01
E840977		1.71	93.2	5.24	4.30	0.12	0.09	0.11	0.083	0.12	24.3	25.4	1.54	3910	2.72	<0.01
E840978		<0.05	1.0	0.03	0.07	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.2	0.01	14	0.07	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840940		0.24	40.8	1090	9.8	8.9	<0.001	0.08	0.60	12.0	1.7	0.4	6.4	0.01	0.23	9.3
E840941		0.29	21.6	1110	10.6	12.0	<0.001	0.15	0.61	7.3	1.2	0.3	11.5	<0.01	0.12	5.1
E840942		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
E840943		0.19	17.7	1330	7.4	10.7	<0.001	0.18	0.44	5.1	1.3	0.2	13.9	<0.01	0.09	2.9
E840944		0.17	34.1	1210	5.2	16.3	<0.001	0.10	0.37	7.0	0.9	0.3	5.9	<0.01	0.12	6.0
E840945		0.10	7.7	1450	3.1	6.2	<0.001	0.24	0.24	1.5	1.2	<0.2	14.3	<0.01	0.04	1.0
E840946		0.20	36.4	980	5.6	13.0	<0.001	0.07	0.32	8.3	0.6	0.4	5.5	<0.01	0.14	5.9
E840947		0.38	34.6	750	21.4	21.2	<0.001	0.05	1.04	5.0	1.0	0.4	4.6	0.01	0.18	8.6
E840948		0.24	36.8	1950	29.8	18.7	<0.001	0.13	1.58	3.0	1.7	0.3	9.3	0.04	0.14	3.0
E840949		0.13	10.0	1670	7.6	3.2	<0.001	0.27	0.45	0.4	1.9	<0.2	11.4	<0.01	0.04	0.3
E840950		0.18	50.5	980	41.1	8.6	0.001	0.08	2.62	3.5	3.0	<0.2	17.8	0.01	0.12	2.6
E840951		0.20	41.3	1090	24.3	10.7	<0.001	0.06	2.03	4.0	2.3	<0.2	16.4	0.01	0.09	2.3
E840952		0.24	53.3	1070	28.5	12.3	<0.001	0.08	2.25	5.0	2.8	0.2	12.4	0.01	0.12	2.4
E840953		0.17	51.8	1120	45.7	8.9	0.001	0.15	2.40	4.9	3.0	<0.2	23.2	0.01	0.16	2.3
E840954		0.12	28.6	1050	24.2	4.1	0.001	0.17	1.45	2.6	2.7	<0.2	21.3	0.01	0.09	1.0
E840955		0.15	27.8	1050	19.7	11.8	<0.001	0.19	1.06	2.1	2.4	<0.2	13.3	0.01	0.09	0.6
E840956		0.25	17.3	1140	9.3	16.8	<0.001	0.16	0.49	2.1	1.1	0.2	13.8	<0.01	0.09	1.7
E840957		0.15	47.0	880	32.2	12.0	0.001	0.07	2.41	3.7	2.7	<0.2	20.0	<0.01	0.10	3.5
E840958		0.17	10.3	1390	10.1	19.4	<0.001	0.10	0.65	1.5	0.8	0.4	5.5	<0.01	0.15	0.3
E840959		0.30	37.6	660	28.3	15.6	<0.001	0.04	0.75	3.9	0.9	0.4	5.2	0.01	0.08	7.9
E840960		0.35	48.4	810	9.5	18.6	<0.001	0.07	0.88	7.8	1.3	0.4	4.3	<0.01	0.21	12.2
E840961		0.28	57.6	920	23.0	14.9	<0.001	0.08	1.57	5.5	2.1	0.3	8.3	0.01	0.22	11.6
E840962		0.23	40.0	950	32.5	13.5	0.001	0.10	1.34	5.4	1.6	0.3	8.4	0.01	0.14	3.4
E840963		0.19	44.8	770	44.0	11.0	<0.001	0.06	1.71	6.0	1.3	0.3	5.6	0.01	0.16	5.0
E840964		0.20	14.2	1480	11.5	6.5	<0.001	0.23	0.55	1.1	1.4	<0.2	14.2	<0.01	0.07	0.4
E840965		0.17	34.0	920	33.1	15.4	<0.001	0.10	1.25	4.7	1.3	0.3	7.2	0.01	0.14	3.0
E840966		0.21	28.2	1580	21.8	12.6	<0.001	0.17	0.93	3.4	1.4	0.2	10.8	0.01	0.13	2.1
E840967		0.17	34.9	1070	27.3	11.5	<0.001	0.10	1.11	4.2	1.3	0.3	5.6	0.01	0.18	3.0
E840968		0.68	35.7	590	10.3	14.6	<0.001	0.04	0.70	3.4	0.7	0.4	8.9	0.01	0.09	5.9
E840969		0.98	24.4	390	13.1	17.3	<0.001	0.03	0.81	2.7	0.5	0.6	9.0	<0.01	0.09	3.4
E840970		0.78	21.7	530	9.7	19.3	<0.001	0.04	0.50	2.5	0.4	0.6	9.3	<0.01	0.07	3.0
E840971		0.25	67.9	1180	30.4	19.0	0.001	0.10	2.20	4.7	3.0	0.4	5.9	0.01	0.14	3.7
E840972		0.13	14.8	780	10.3	14.5	<0.001	0.11	0.51	2.6	1.4	0.2	5.7	0.01	0.09	0.9
E840973		0.29	30.0	540	7.2	14.8	<0.001	0.07	0.54	4.0	1.3	0.2	6.2	0.01	0.06	3.2
E840974		0.21	18.1	640	7.2	21.5	<0.001	0.06	0.36	2.9	1.0	0.2	5.7	<0.01	0.05	1.6
E840975		0.25	25.3	920	8.2	16.9	<0.001	0.13	0.51	2.7	1.4	0.2	8.0	0.01	0.07	1.4
E840976		0.26	26.4	1200	21.0	19.3	<0.001	0.13	0.92	2.8	2.1	0.3	8.5	0.01	0.11	1.2
E840977		0.47	42.6	630	14.2	20.3	<0.001	0.05	1.09	6.2	1.7	0.4	9.2	0.01	0.08	5.5
E840978		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.2

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 16-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07066558

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840940		0.021	1.12	7.17	38	0.36	25.50	41	1.6
E840941		0.015	0.89	2.05	33	0.19	12.05	32	1.0
E840942		<0.005	<0.02	0.10	<1	0.05	0.67	4	<0.5
E840943		0.012	0.33	1.94	19	0.16	9.79	52	1.1
E840944		0.018	0.11	2.73	36	0.29	9.02	31	1.0
E840945		0.006	0.05	1.06	8	0.08	7.52	16	0.8
E840946		0.022	0.07	2.41	49	0.37	5.40	33	0.9
E840947		0.022	0.73	8.74	42	0.37	7.23	41	1.4
E840948		0.017	1.29	19.60	27	0.24	13.05	63	1.9
E840949		0.005	0.21	7.29	7	0.10	5.14	34	0.8
E840950		0.010	1.71	5.12	24	0.15	20.00	332	2.1
E840951		0.013	1.22	3.73	22	0.17	22.00	111	1.8
E840952		0.017	1.58	4.40	29	0.17	30.60	136	1.7
E840953		0.011	2.45	5.92	36	0.16	24.20	163	2.9
E840954		0.006	1.70	3.66	25	0.13	18.95	148	1.5
E840955		0.011	0.95	2.66	20	0.16	26.70	93	0.6
E840956		0.015	0.24	1.26	15	0.15	5.50	23	1.0
E840957		0.009	2.54	6.35	19	0.14	18.95	63	2.4
E840958		0.014	0.10	2.11	27	0.33	5.78	27	<0.5
E840959		0.023	0.10	2.29	30	0.32	15.10	76	0.8
E840960		0.033	0.26	10.65	53	0.32	13.25	39	2.3
E840961		0.012	1.08	13.95	27	0.32	17.15	59	3.3
E840962		0.016	0.80	7.82	36	0.30	21.20	48	1.5
E840963		0.016	1.11	7.48	37	0.37	24.00	29	1.8
E840964		0.008	0.49	5.21	12	0.13	8.37	30	0.8
E840965		0.014	0.79	6.30	32	0.30	15.20	56	1.5
E840966		0.011	0.69	4.58	25	0.21	18.00	32	1.6
E840967		0.014	0.62	9.47	34	0.35	17.90	23	1.2
E840968		0.033	0.16	1.68	40	0.33	5.51	47	0.9
E840969		0.061	0.12	1.35	55	0.33	3.76	38	<0.5
E840970		0.057	0.11	1.31	49	0.35	3.27	34	0.5
E840971		0.015	0.82	5.05	52	0.23	33.40	147	2.7
E840972		0.014	0.13	0.80	15	0.11	19.15	73	<0.5
E840973		0.030	0.34	0.75	18	0.13	24.40	47	1.1
E840974		0.030	0.20	0.63	19	0.11	16.05	60	0.5
E840975		0.022	0.25	1.45	18	0.13	16.65	48	0.9
E840976		0.022	0.25	1.29	31	0.16	30.60	96	0.8
E840977		0.039	0.42	1.89	39	0.28	26.00	68	1.8
E840978		<0.005	<0.02	0.09	<1	0.08	0.68	4	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 17-JUL-2007
Account: EIAFRG

CERTIFICATE VA07067537

Project: Werneckes

P.O. No.: FRG07-01

This report is for 62 Soil samples submitted to our lab in Vancouver, BC, Canada on 28-JUN-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07067537

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840443	0.18	<0.005	0.80	1.57	21.8	<0.2	<10	150	2.01	0.65	0.37	1.33	48.30	17.5	21
E840444	0.02	<0.005	0.26	1.44	15.0	<0.2	<10	210	1.42	0.54	0.34	0.62	38.60	13.8	19
E840445	0.32	<0.005	0.48	1.17	13.2	<0.2	<10	130	1.35	0.54	1.12	1.42	43.20	10.8	15
E840446	0.02	<0.005	<0.01	0.01	0.2	<0.2	<10	10	<0.05	0.01	<0.01	0.02	0.95	0.1	<1
E840447	0.22	<0.005	0.45	1.43	11.6	<0.2	10	170	1.49	0.53	1.48	0.60	28.10	12.1	18
E840448	0.26	<0.005	0.44	1.30	9.0	<0.2	10	120	1.33	0.56	1.61	0.49	23.10	10.9	17
E840449	0.26	<0.005	0.36	1.64	11.2	<0.2	<10	140	1.28	0.59	0.75	0.41	37.30	13.6	21
E840450	0.28	<0.005	0.36	1.35	10.4	<0.2	<10	150	1.32	0.53	0.89	0.65	43.70	13.7	19
E840751	0.32	<0.005	0.44	1.42	12.7	<0.2	<10	200	1.33	0.63	0.97	0.74	42.30	17.0	18
E840752	0.22	<0.005	0.49	1.36	17.1	<0.2	<10	230	1.34	0.59	0.58	0.61	37.30	16.8	20
E840753	0.48	<0.005	0.42	0.99	15.2	<0.2	10	210	1.03	0.38	3.58	0.68	33.90	14.7	14
E840754	0.32	<0.005	0.43	0.96	18.0	<0.2	<10	190	0.90	0.41	3.32	0.79	33.10	16.4	14
E840755	0.26	<0.005	0.65	1.12	18.2	<0.2	10	170	1.32	0.49	0.71	0.85	42.50	16.2	16
E840756	0.34	0.012	0.48	1.13	19.6	<0.2	<10	210	1.19	0.45	1.19	0.61	38.60	16.2	17
E840757	0.42	0.005	0.59	1.00	22.5	<0.2	10	220	1.22	0.47	1.99	0.97	37.30	20.0	15
E840758	0.30	<0.005	0.43	1.00	19.1	<0.2	10	220	1.02	0.41	2.39	0.64	35.10	16.9	14
E840759	0.28	0.006	0.58	0.53	17.4	<0.2	10	160	0.79	0.33	6.99	0.95	26.30	13.6	8
E840760	0.48	0.005	0.46	0.68	18.3	<0.2	10	210	0.81	0.38	5.78	0.72	30.10	16.7	10
E840761	0.40	0.010	0.38	1.02	13.5	<0.2	10	120	0.90	0.32	7.13	0.41	27.90	13.4	13
E840762	0.28	<0.005	0.46	0.57	16.9	<0.2	10	140	0.73	0.30	6.71	1.34	27.50	12.3	9
E840763	0.34	<0.005	0.48	0.80	21.8	<0.2	10	240	1.03	0.36	5.74	0.91	28.40	15.3	11
E840764	0.36	<0.005	0.40	0.84	12.7	<0.2	10	130	1.12	0.26	5.56	0.59	30.60	13.6	12
E840765	0.40	<0.005	0.65	0.50	31.8	<0.2	<10	200	1.08	0.27	5.51	0.43	39.20	14.1	8
E840766	0.34	<0.005	0.26	0.97	14.3	<0.2	10	170	1.13	0.40	1.94	0.47	38.40	16.2	17
E840767	0.04	<0.005	0.01	0.01	0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.07	0.1	<1
E840768	0.36	<0.005	0.14	1.09	9.3	<0.2	10	130	1.13	0.28	1.47	0.35	39.00	15.5	15
E840769	0.38	0.005	0.18	0.83	8.7	<0.2	<10	190	0.67	0.26	2.69	0.31	23.90	9.8	11
E840770	0.34	<0.005	0.27	1.52	10.4	<0.2	10	160	1.56	0.34	2.28	0.46	40.60	13.4	20
E840771	0.28	<0.005	0.35	0.76	14.4	<0.2	<10	120	0.90	0.24	7.71	0.43	24.30	11.8	13
E841369	0.34	<0.005	0.11	1.72	43.4	<0.2	<10	240	1.68	1.62	0.11	0.47	42.70	48.6	24
E841370	0.46	<0.005	0.04	1.45	39.8	<0.2	<10	90	0.81	1.56	0.08	0.14	29.90	36.4	21
E841371	0.40	0.005	0.06	1.51	25.6	<0.2	<10	90	0.70	1.00	0.06	0.12	45.10	31.5	23
E841372	0.30	<0.005	0.06	1.48	22.0	<0.2	<10	70	0.80	1.00	0.04	0.12	46.00	25.9	20
E841373	0.58	<0.005	0.03	0.86	29.7	<0.2	<10	180	0.71	0.39	0.04	0.40	51.90	21.1	7
E841374	0.38	<0.005	0.06	0.87	55.1	<0.2	<10	110	0.77	0.74	0.21	0.18	45.10	29.4	14
E841375	0.40	<0.005	0.05	1.46	63.9	<0.2	<10	70	1.06	0.68	0.15	0.21	32.60	32.6	19
E841376	0.46	0.010	0.19	1.57	74.0	<0.2	<10	130	1.64	1.14	0.13	0.17	64.00	48.2	15
E841377	0.36	<0.005	0.07	1.50	32.0	<0.2	<10	70	1.02	1.51	0.04	0.14	47.70	33.7	17
E841378	0.38	0.008	0.12	3.02	21.1	<0.2	<10	600	1.82	0.49	0.33	0.10	39.90	57.5	82
E841379	0.44	0.037	0.21	2.20	18.8	<0.2	<10	240	1.38	0.61	0.24	0.06	51.30	44.0	34

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840443		4.65	50.5	4.24	4.70	0.13	0.12	0.17	0.076	0.15	25.6	20.9	0.70	1415	1.07	0.01
E840444		2.00	39.2	3.73	4.52	0.09	0.07	0.09	0.060	0.12	17.6	16.6	0.53	1520	1.17	<0.01
E840445		2.53	30.1	3.61	3.59	0.10	0.08	0.14	0.060	0.10	20.5	15.1	0.65	1525	0.86	0.01
E840446		<0.05	0.2	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	6	<0.05	<0.01
E840447		7.37	49.2	3.16	4.30	0.09	0.08	0.24	0.051	0.13	14.9	16.3	0.78	1395	1.02	0.01
E840448		5.16	52.4	3.18	3.90	0.09	0.11	0.12	0.053	0.11	15.0	14.4	0.73	1080	0.85	0.01
E840449		4.20	39.4	3.64	4.62	0.11	0.09	0.07	0.051	0.11	19.3	19.0	0.91	1485	0.96	0.02
E840450		3.95	48.7	3.28	4.37	0.11	0.10	0.15	0.051	0.14	21.5	19.5	1.08	1085	0.82	0.01
E840751		4.17	53.3	3.83	4.49	0.12	0.10	0.16	0.060	0.13	21.0	20.2	1.19	1540	0.95	0.01
E840752		2.91	60.1	4.34	4.33	0.12	0.11	0.15	0.055	0.14	20.4	21.1	0.86	1695	1.17	0.01
E840753		1.41	45.4	3.24	3.04	0.09	0.10	0.10	0.045	0.13	16.6	16.9	2.45	1495	1.08	0.01
E840754		1.08	49.2	3.52	2.84	0.09	0.08	0.15	0.044	0.12	16.8	15.4	2.22	1250	1.32	<0.01
E840755		2.19	46.4	4.88	3.67	0.13	0.12	0.15	0.054	0.17	21.4	17.4	0.80	1500	1.29	<0.01
E840756		1.75	50.5	4.08	3.51	0.11	0.08	0.15	0.060	0.15	20.1	20.1	0.99	1380	1.31	0.01
E840757		1.46	58.5	4.02	3.14	0.11	0.11	0.14	0.054	0.14	18.9	18.4	1.39	1585	1.50	<0.01
E840758		1.26	53.8	3.36	3.05	0.09	0.08	0.10	0.053	0.12	17.5	18.4	1.76	1640	1.20	0.01
E840759		0.79	44.3	3.20	1.73	0.09	0.08	0.18	0.040	0.11	13.8	13.4	4.14	1330	1.22	0.01
E840760		0.99	54.8	2.91	2.14	0.09	0.08	0.16	0.045	0.12	15.2	15.7	3.52	1435	1.40	0.01
E840761		1.81	37.9	2.24	3.30	0.12	0.12	0.08	0.034	0.15	14.1	32.7	4.71	905	1.02	0.01
E840762		0.84	34.3	3.19	1.78	0.09	0.10	0.16	0.040	0.11	13.8	16.9	4.00	1380	1.51	0.01
E840763		1.15	42.6	3.14	2.41	0.08	0.12	0.08	0.065	0.13	14.2	13.9	3.45	1725	1.28	0.01
E840764		2.20	27.8	2.57	2.61	0.09	0.12	0.07	0.049	0.12	15.1	19.1	3.53	1410	1.05	0.01
E840765		2.60	27.0	2.30	1.47	0.07	0.08	0.09	0.064	0.11	19.9	6.6	3.04	1190	0.82	0.01
E840766		2.88	31.9	2.99	2.79	0.08	0.13	0.09	0.057	0.13	18.6	13.6	0.86	1525	1.20	0.01
E840767		<0.05	<0.2	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	0.01	8	<0.05	<0.01
E840768		2.50	26.6	2.95	3.35	0.10	0.08	0.07	0.044	0.11	18.1	16.9	0.79	1245	0.96	0.01
E840769		1.55	21.0	2.22	2.45	0.07	0.06	0.09	0.038	0.06	10.4	11.4	0.69	893	0.99	0.01
E840770		1.99	41.7	2.98	5.03	0.15	0.12	0.05	0.061	0.14	19.1	30.5	2.26	1145	1.00	0.01
E840771		1.11	24.7	2.57	2.48	0.08	0.10	0.04	0.050	0.09	12.0	16.0	4.83	1515	1.20	0.01
E841369		1.58	127.0	5.06	5.20	0.10	0.04	0.09	0.145	0.08	18.5	18.9	0.45	4050	2.45	0.01
E841370		1.49	32.1	3.60	4.68	0.08	0.05	0.04	0.078	0.05	13.3	15.5	0.62	1780	1.98	<0.01
E841371		1.54	72.3	3.74	5.20	0.08	0.03	0.02	0.052	0.06	20.6	16.7	0.41	1775	2.55	<0.01
E841372		1.33	73.2	3.25	4.54	0.09	0.04	0.04	0.038	0.05	21.5	18.3	0.38	978	2.36	<0.01
E841373		0.71	25.8	4.22	2.53	0.10	0.06	0.07	0.045	0.06	22.8	8.2	0.24	4130	0.96	<0.01
E841374		0.95	44.2	3.23	2.74	0.10	0.17	0.03	0.041	0.05	21.0	12.1	0.33	2450	1.97	0.01
E841375		1.60	24.1	3.30	4.10	0.09	0.05	0.06	0.047	0.04	14.5	19.1	0.83	1565	1.74	<0.01
E841376		1.71	54.4	6.08	4.91	0.15	0.12	0.09	0.157	0.09	28.4	14.3	0.57	5940	2.71	<0.01
E841377		1.44	54.8	4.43	4.71	0.11	0.05	0.05	0.059	0.07	21.0	13.1	0.47	2430	2.32	<0.01
E841378		3.52	39.3	5.57	13.30	0.19	0.07	0.04	0.062	0.23	20.8	47.2	3.37	1790	2.97	0.01
E841379		1.82	715.0	5.20	9.85	0.16	0.08	0.03	0.069	0.11	27.1	33.1	2.17	1140	3.67	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 17-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07067537

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840443		0.41	26.8	570	306.0	18.1	<0.001	0.08	1.51	7.0	1.3	0.5	9.0	0.01	0.05	4.3
E840444		0.43	20.5	470	100.5	16.1	<0.001	0.07	1.10	4.6	0.9	0.5	8.7	<0.01	0.04	3.6
E840445		0.28	17.5	720	264.0	13.5	<0.001	0.14	1.13	4.0	1.4	0.4	8.1	<0.01	0.05	1.4
E840446		<0.05	<0.2	10	0.8	0.1	<0.001	0.03	<0.05	<0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.2
E840447		0.34	18.3	960	100.5	28.1	<0.001	0.15	1.46	4.0	1.9	0.4	13.4	<0.01	0.05	1.0
E840448		0.38	16.8	990	74.2	16.9	<0.001	0.16	1.11	4.7	1.9	0.3	13.2	0.01	0.04	1.3
E840449		0.39	19.9	800	95.1	18.0	<0.001	0.15	1.32	5.0	1.3	0.4	11.1	0.01	0.06	1.5
E840450		0.42	21.5	560	122.0	16.7	<0.001	0.09	1.05	6.2	1.1	0.4	10.8	0.01	0.04	2.9
E840751		0.38	24.2	550	154.5	15.3	<0.001	0.05	1.27	6.8	1.2	0.4	9.2	<0.01	0.04	3.0
E840752		0.41	23.3	630	116.0	16.6	<0.001	0.08	1.28	6.5	1.3	0.4	9.4	<0.01	0.05	2.5
E840753		0.29	18.8	530	95.4	11.8	<0.001	0.08	1.17	5.1	0.9	0.4	10.1	<0.01	0.04	2.5
E840754		0.32	20.6	560	91.4	10.0	<0.001	0.08	1.31	4.9	1.0	0.4	11.3	<0.01	0.04	2.2
E840755		0.27	22.6	570	208.0	15.2	<0.001	0.08	1.88	6.2	1.1	0.4	6.5	<0.01	0.04	2.8
E840756		0.30	21.3	600	99.4	13.4	<0.001	0.09	1.44	5.9	1.2	0.4	7.4	<0.01	0.05	1.9
E840757		0.33	23.7	580	118.5	12.8	<0.001	0.05	1.58	5.7	1.2	0.4	8.7	<0.01	0.05	2.7
E840758		0.25	19.6	570	107.5	11.8	<0.001	0.06	1.41	5.1	1.2	0.3	8.6	<0.01	0.04	1.8
E840759		0.21	16.0	490	97.5	8.4	<0.001	0.07	1.51	4.3	1.0	0.3	12.3	<0.01	0.03	1.8
E840760		0.26	18.4	560	90.3	9.4	<0.001	0.08	1.45	4.4	1.0	0.3	12.7	<0.01	0.04	2.1
E840761		0.29	15.7	450	140.0	11.0	<0.001	0.04	1.09	4.7	0.8	0.3	19.4	<0.01	0.03	3.8
E840762		0.23	14.7	580	81.1	8.8	<0.001	0.07	1.39	4.2	1.1	0.3	12.3	<0.01	0.04	2.4
E840763		0.26	21.0	490	112.5	10.2	<0.001	0.06	1.61	4.9	1.1	0.3	15.5	<0.01	0.04	2.6
E840764		0.27	19.5	480	52.9	10.3	<0.001	0.04	1.17	5.0	0.9	0.3	15.6	<0.01	0.03	2.9
E840765		0.14	14.8	530	64.4	7.5	<0.001	0.02	1.50	5.4	0.7	0.3	17.0	<0.01	0.02	3.5
E840766		0.21	18.5	920	75.1	10.3	<0.001	0.09	0.99	6.5	1.4	0.3	13.2	0.01	0.05	1.8
E840767		<0.05	<0.2	20	0.4	0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
E840768		0.28	18.4	710	37.6	12.4	<0.001	0.11	0.80	5.0	1.2	0.4	8.9	<0.01	0.04	1.3
E840769		0.27	12.6	1200	36.0	8.8	<0.001	0.18	0.75	2.1	1.4	0.3	17.2	<0.01	0.04	0.6
E840770		0.29	19.5	830	73.8	14.9	<0.001	0.09	1.14	6.3	1.3	0.5	11.8	<0.01	0.04	1.8
E840771		0.27	15.6	470	105.5	8.8	<0.001	0.05	1.62	3.6	1.0	0.3	22.1	<0.01	0.04	1.6
E841369		0.39	40.9	1000	15.4	12.9	<0.001	0.04	1.18	2.7	1.2	0.5	9.2	<0.01	0.09	3.8
E841370		0.48	22.6	710	7.8	7.9	<0.001	0.02	0.82	2.7	0.7	0.3	7.3	<0.01	0.06	9.8
E841371		0.49	25.1	760	11.0	11.8	<0.001	0.03	0.98	2.0	0.7	0.4	7.3	<0.01	0.08	6.3
E841372		0.42	24.4	490	8.0	9.5	<0.001	0.05	1.03	1.4	0.8	0.3	5.7	<0.01	0.07	4.8
E841373		0.13	17.7	710	3.3	7.3	<0.001	0.05	0.47	1.4	0.6	<0.2	3.1	<0.01	0.04	10.3
E841374		0.20	28.2	640	5.1	6.0	<0.001	0.02	1.04	2.3	0.5	0.2	10.9	<0.01	0.03	19.8
E841375		0.35	23.4	780	6.8	6.3	<0.001	0.02	1.00	3.0	0.7	0.3	8.9	<0.01	0.05	13.7
E841376		0.23	29.3	670	7.5	11.8	0.001	0.04	1.04	4.3	1.0	0.3	7.3	0.01	0.06	19.2
E841377		0.37	25.3	570	9.2	11.0	0.001	0.02	1.22	2.0	0.8	0.3	4.8	0.01	0.07	9.9
E841378		0.33	64.1	990	5.5	41.1	0.001	0.05	0.63	10.0	1.4	1.1	8.2	0.01	0.10	10.9
E841379		0.32	45.3	610	5.1	22.7	0.001	0.01	0.89	7.0	1.1	0.9	6.7	0.01	0.12	14.3

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07067537

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840443		0.017	0.33	0.85	29	0.13	27.00	791	1.9
E840444		0.013	0.20	0.83	32	0.12	13.50	343	1.2
E840445		0.010	0.22	0.81	22	0.09	21.00	829	1.1
E840446		<0.005	<0.02	0.07	<1	<0.05	0.63	7	0.5
E840447		0.012	0.21	1.89	25	0.08	21.40	363	1.2
E840448		0.011	0.17	1.08	23	0.08	27.60	266	1.6
E840449		0.020	0.21	0.97	31	0.10	23.70	261	1.4
E840450		0.020	0.20	0.81	26	0.11	20.70	389	1.7
E840751		0.016	0.20	0.72	25	0.11	22.20	313	1.6
E840752		0.020	0.27	0.89	30	0.14	20.20	358	1.9
E840753		0.014	0.27	0.72	23	0.13	14.60	328	1.8
E840754		0.016	0.27	0.79	25	0.18	14.35	430	1.5
E840755		0.011	0.37	0.84	22	0.10	19.05	527	2.2
E840756		0.014	0.30	0.94	28	0.18	18.75	403	1.4
E840757		0.014	0.34	0.88	25	0.16	16.75	537	2.2
E840758		0.012	0.30	0.80	23	0.15	17.20	377	1.5
E840759		0.009	0.30	0.88	15	0.12	12.85	436	1.7
E840760		0.012	0.26	0.92	19	0.17	12.95	340	1.7
E840761		0.014	0.23	0.86	18	0.14	11.70	230	3.1
E840762		0.010	0.29	0.98	17	0.13	11.30	699	2.2
E840763		0.010	0.29	1.00	19	0.12	12.90	585	2.7
E840764		0.012	0.29	0.75	21	0.09	12.75	335	2.7
E840765		0.005	0.27	0.65	12	0.07	14.00	215	1.5
E840766		0.008	0.21	0.75	23	0.08	24.80	195	2.6
E840767		<0.005	<0.02	0.12	<1	<0.05	0.63	4	<0.5
E840768		0.011	0.21	0.67	24	0.08	16.20	115	1.5
E840769		0.007	0.16	1.40	19	0.09	10.60	72	1.1
E840770		0.011	0.20	0.75	28	0.09	19.35	154	2.3
E840771		0.013	0.40	0.96	22	0.12	12.10	198	2.0
E841369		0.033	0.15	3.55	43	0.22	15.05	84	0.6
E841370		0.030	0.10	2.29	34	0.18	7.98	49	1.3
E841371		0.030	0.13	2.61	37	0.19	7.50	60	<0.5
E841372		0.022	0.12	2.32	30	0.15	6.64	53	0.8
E841373		0.005	0.09	1.35	15	0.05	7.90	32	1.1
E841374		0.027	0.07	2.75	23	0.10	10.15	37	7.5
E841375		0.028	0.10	1.60	29	0.13	11.15	45	1.7
E841376		0.012	0.11	2.91	20	0.11	20.70	37	3.7
E841377		0.021	0.13	2.19	25	0.22	8.24	46	1.2
E841378		0.071	0.13	6.10	60	0.33	11.35	50	1.6
E841379		0.057	0.07	6.88	42	0.39	11.95	35	2.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07067537

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841380		0.42	0.043	0.20	2.22	19.8	<0.2	<10	220	1.31	0.63	0.22	0.06	43.60	39.9	33
E841381		0.40	0.007	0.09	1.44	22.0	<0.2	<10	270	1.09	0.33	0.44	0.18	39.80	61.2	23
E841382		0.28	0.085	0.84	2.21	14.0	<0.2	<10	150	1.39	7.07	0.11	0.06	40.60	43.1	32
E841383		0.34	<0.005	0.04	2.13	5.8	<0.2	<10	120	1.46	0.24	0.22	0.08	44.40	35.1	32
E841384		0.34	<0.005	0.06	3.60	9.0	<0.2	<10	280	2.43	0.34	0.30	0.08	120.00	51.3	38
E841385		0.34	0.006	0.04	3.74	6.8	<0.2	<10	410	1.84	0.18	0.30	0.05	108.00	41.6	42
E841386		0.30	<0.005	0.04	3.95	8.4	<0.2	<10	230	2.23	0.17	0.12	0.08	136.50	52.7	39
E841387		0.38	0.009	0.07	4.45	5.0	<0.2	<10	370	1.67	0.19	0.56	0.05	44.20	67.3	55
E841388		0.44	<0.005	0.04	3.48	8.9	<0.2	<10	300	2.73	0.20	0.61	0.21	102.50	49.0	43
E841389		0.38	0.007	0.05	3.28	7.5	<0.2	<10	190	1.88	0.28	0.21	0.08	81.10	46.5	38
E841390		0.34	0.021	0.08	4.35	3.8	<0.2	<10	130	3.25	0.41	0.28	0.08	59.00	59.8	34
E841601		0.36	<0.005	0.20	1.06	12.7	<0.2	<10	220	1.43	0.61	0.20	0.24	41.70	24.2	15
E841602		0.30	<0.005	0.19	0.95	9.0	<0.2	<10	290	0.63	0.72	0.48	0.20	21.40	15.6	13
E841603		0.26	<0.005	0.14	0.96	11.6	<0.2	<10	170	1.11	0.87	0.23	0.17	32.80	21.8	14
E841604		0.32	<0.005	0.25	1.12	10.2	<0.2	<10	150	1.61	0.79	0.15	0.13	32.00	17.4	14
E841605		0.26	<0.005	0.34	1.25	9.4	<0.2	<10	680	1.19	0.68	0.72	0.90	23.20	19.3	12
E841606		0.28	<0.005	0.44	1.04	13.5	<0.2	<10	510	2.54	1.24	0.21	0.13	36.20	20.7	12
E841607		0.36	<0.005	0.09	0.71	10.0	<0.2	<10	330	0.87	0.81	0.37	0.06	43.90	19.8	10
E841608		0.26	<0.005	0.33	1.23	7.4	<0.2	<10	410	0.57	0.64	0.24	0.34	24.40	15.4	14
E841609		0.16	<0.005	0.81	1.31	9.6	<0.2	<10	300	1.67	1.24	0.41	0.32	22.00	16.3	13
E841610		0.18	<0.005	1.15	1.66	14.3	<0.2	<10	250	3.99	1.29	0.68	0.14	19.80	27.8	16
E841611		0.20	<0.005	1.04	1.67	15.2	<0.2	<10	240	3.97	1.31	0.70	0.16	21.10	28.7	17

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841380		1.77	832.0	4.84	9.68	0.16	0.08	0.02	0.069	0.09	22.1	32.4	2.11	1020	3.65	0.01
E841381		1.17	118.5	3.83	7.57	0.15	0.08	0.08	0.051	0.18	19.7	23.0	1.55	2210	2.21	<0.01
E841382		2.17	59.6	4.45	11.80	0.16	0.03	0.04	0.053	0.09	20.7	40.9	2.46	885	1.87	<0.01
E841383		2.81	6.5	3.82	12.40	0.19	0.03	0.05	0.041	0.10	22.5	41.8	2.75	759	0.45	<0.01
E841384		5.04	42.0	5.43	16.70	0.32	0.03	0.03	0.069	0.68	61.0	59.0	4.72	910	1.17	<0.01
E841385		3.53	54.8	5.33	14.85	0.33	0.05	0.01	0.066	0.78	58.3	55.5	4.94	705	0.89	<0.01
E841386		5.22	11.1	5.30	19.65	0.34	0.02	0.03	0.086	0.66	77.1	81.0	5.49	817	0.90	<0.01
E841387		6.15	389.0	7.44	17.80	0.33	0.06	0.02	0.067	0.80	21.6	62.4	5.35	901	2.30	0.01
E841388		3.66	12.4	5.63	17.70	0.35	0.09	0.06	0.177	0.30	52.7	56.0	4.58	2570	0.79	<0.01
E841389		4.40	52.7	6.02	16.60	0.25	0.02	0.04	0.072	0.20	42.1	55.1	3.55	1170	2.74	<0.01
E841390		6.20	101.0	7.28	17.35	0.38	0.02	0.03	0.049	0.84	26.2	54.8	5.06	1500	4.42	<0.01
E841601		2.47	39.6	3.28	3.95	0.09	0.05	0.04	0.045	0.16	20.7	9.4	0.28	1700	1.26	<0.01
E841602		1.06	32.8	2.88	3.74	0.06	0.06	0.08	0.042	0.19	10.0	6.9	0.24	1680	1.36	<0.01
E841603		4.07	41.8	3.28	3.40	0.08	0.07	0.04	0.052	0.15	14.3	8.3	0.41	2680	1.42	<0.01
E841604		3.94	30.5	2.93	3.91	0.07	0.03	0.05	0.045	0.16	14.9	10.8	0.33	2700	1.26	<0.01
E841605		2.38	36.2	2.80	4.92	0.07	0.08	0.11	0.041	0.20	10.1	6.1	0.24	8960	1.40	<0.01
E841606		5.31	57.8	3.26	3.08	0.09	0.11	0.09	0.061	0.16	16.4	7.7	0.30	2330	1.76	<0.01
E841607		1.40	64.6	3.50	2.41	0.09	0.08	0.02	0.053	0.12	21.2	6.4	0.36	1160	2.01	<0.01
E841608		1.12	22.2	2.88	4.98	0.07	0.04	0.04	0.036	0.21	11.3	7.8	0.21	3800	1.26	<0.01
E841609		3.31	40.5	2.81	4.59	0.08	0.08	0.07	0.046	0.22	11.5	8.6	0.31	3020	1.32	<0.01
E841610		3.52	115.0	3.14	4.51	0.09	0.15	0.11	0.050	0.24	11.7	11.2	0.42	1860	1.35	<0.01
E841611		3.74	115.5	3.24	4.60	0.08	0.15	0.12	0.050	0.26	12.1	11.6	0.44	1850	1.42	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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700 - 700 PENDER ST
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Finalized Date: 17-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07067537

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841380		0.32	43.4	590	5.2	21.2	0.001	0.01	0.86	6.4	1.0	0.8	6.9	0.01	0.11	12.2
E841381		0.21	31.8	1130	3.7	34.5	<0.001	0.08	0.63	4.5	1.4	0.6	6.5	0.01	0.10	7.4
E841382		0.46	38.8	590	16.7	22.0	<0.001	0.01	0.75	4.9	0.8	1.0	6.7	<0.01	0.82	6.8
E841383		0.39	41.5	680	4.5	27.8	<0.001	<0.01	0.41	6.2	0.6	1.1	5.7	<0.01	0.05	7.2
E841384		1.25	46.7	830	7.2	87.5	0.001	0.01	0.52	8.1	0.7	1.6	8.1	<0.01	0.09	8.2
E841385		0.76	49.5	620	4.9	76.5	0.001	<0.01	0.36	9.4	0.6	1.2	10.4	<0.01	0.05	9.9
E841386		0.95	50.7	910	5.8	80.7	<0.001	0.02	0.49	5.0	0.6	1.4	8.3	<0.01	0.05	4.3
E841387		0.78	72.7	500	4.6	84.4	0.001	<0.01	0.35	15.6	0.9	0.9	12.4	<0.01	0.07	6.2
E841388		1.06	58.7	1130	7.3	42.4	<0.001	0.03	0.34	15.1	1.3	1.5	7.1	0.01	0.06	9.2
E841389		0.76	46.9	730	10.1	34.7	<0.001	0.02	0.54	7.5	0.8	1.2	7.6	<0.01	0.10	4.9
E841390		0.22	56.0	590	6.2	72.1	0.001	<0.01	0.33	19.5	0.8	0.7	6.5	<0.01	0.13	4.2
E841601		0.38	13.9	420	25.7	18.2	<0.001	<0.01	1.77	2.6	0.5	0.5	7.6	<0.01	0.04	7.2
E841602		0.50	10.5	520	21.5	14.7	<0.001	<0.01	1.06	2.1	0.5	0.5	10.9	<0.01	0.04	3.6
E841603		0.41	13.5	360	22.5	21.7	<0.001	<0.01	1.60	3.3	0.6	0.5	6.9	0.01	0.05	5.9
E841604		0.39	11.7	320	22.0	22.1	<0.001	<0.01	1.24	2.5	0.5	0.5	6.4	<0.01	0.04	6.8
E841605		0.47	14.4	640	36.6	25.7	<0.001	0.02	1.51	2.8	0.7	0.7	19.1	<0.01	0.07	4.9
E841606		0.32	14.5	470	18.1	27.2	<0.001	<0.01	2.16	4.1	0.9	0.5	7.2	0.01	0.05	7.5
E841607		0.22	11.7	450	12.0	10.4	<0.001	<0.01	1.04	3.4	0.5	0.4	5.5	<0.01	0.05	8.6
E841608		0.43	10.7	490	26.4	17.5	<0.001	<0.01	0.88	2.2	0.4	0.6	8.8	<0.01	0.05	2.7
E841609		0.37	12.5	580	21.8	24.8	<0.001	0.01	1.43	3.2	0.8	0.6	11.3	<0.01	0.06	4.5
E841610		0.38	18.9	650	27.3	25.3	<0.001	0.02	1.73	4.9	1.6	0.5	13.2	0.01	0.06	7.4
E841611		0.39	19.1	670	27.8	26.4	<0.001	0.03	1.86	5.0	1.6	0.6	13.9	0.01	0.06	7.4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07067537

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841380		0.052	0.06	5.78	40	0.31	10.70	35	1.9
E841381		0.035	0.10	3.51	27	0.34	9.30	25	1.8
E841382		0.060	0.07	2.74	44	0.51	6.07	45	0.7
E841383		0.066	0.08	3.95	41	0.37	7.17	31	0.7
E841384		0.129	0.16	4.89	69	0.79	6.51	43	0.8
E841385		0.144	0.17	4.45	82	0.53	7.23	46	1.3
E841386		0.095	0.11	3.31	65	0.36	4.17	75	<0.5
E841387		0.241	0.19	3.82	188	0.40	13.45	51	1.7
E841388		0.109	0.14	4.72	63	0.54	25.30	61	0.7
E841389		0.112	0.09	4.30	103	0.30	5.57	66	<0.5
E841390		0.186	0.25	2.23	216	0.12	5.36	54	0.5
E841601		0.013	0.11	0.91	24	0.16	5.26	71	1.7
E841602		0.015	0.10	0.62	26	0.19	2.67	89	1.5
E841603		0.013	0.15	0.87	22	0.18	5.33	78	1.7
E841604		0.012	0.15	1.00	24	0.18	5.56	49	0.8
E841605		0.012	0.17	0.97	29	0.15	5.45	191	2.0
E841606		0.009	0.16	1.76	17	0.26	13.25	39	2.4
E841607		0.009	0.10	1.09	17	0.56	5.62	26	2.6
E841608		0.009	0.12	0.62	31	0.16	2.58	93	0.9
E841609		0.009	0.17	1.20	25	0.12	10.75	71	1.6
E841610		0.006	0.17	3.49	20	0.13	35.60	55	3.1
E841611		0.007	0.17	3.62	21	0.12	34.30	57	3.2

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

CERTIFICATE VA07070663

Project: Werneckes

P.O. No.: FRG07-01

This report is for 190 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840351(D)		0.30	0.209	4.61	0.83	148.5	<0.2	<10	210	0.94	4.58	1.73	0.27	31.30	134.0	13
E840352(D)		0.32	0.042	1.78	0.43	123.0	<0.2	<10	130	0.83	4.53	4.42	0.17	22.20	41.8	5
E840353(D)		0.38	0.058	1.24	0.81	92.1	<0.2	<10	1600	1.44	2.68	0.73	0.30	38.10	48.3	14
E840354(D)		0.40	0.110	0.73	0.37	25.4	<0.2	<10	1560	0.66	1.05	1.98	0.12	35.80	95.9	8
E840355(D)		0.34	0.078	0.91	1.03	216.0	<0.2	<10	470	1.08	3.47	1.26	0.13	47.30	116.5	14
E840356(D)		0.28	0.103	0.63	0.81	107.0	<0.2	<10	520	1.56	3.07	0.66	0.07	55.70	129.0	13
E840747		0.46	0.005	3.38	0.34	137.0	<0.2	<10	110	0.59	2.18	9.98	0.45	19.20	10.7	5
E840748		0.32	0.014	0.73	1.06	35.9	<0.2	<10	550	0.64	1.01	0.65	0.43	28.10	12.4	19
E840749		0.30	0.031	0.87	0.62	51.5	<0.2	<10	1240	0.46	3.59	0.87	0.24	25.70	122.0	11
E840750		0.24	0.015	0.61	0.89	27.9	<0.2	<10	1540	0.99	0.55	0.58	0.35	28.20	29.2	13
E840772		0.32	0.007	0.15	1.15	8.5	<0.2	<10	220	1.25	0.26	0.72	0.27	31.20	11.5	16
E840773		0.42	0.009	6.31	0.13	260.0	<0.2	<10	60	0.65	0.51	1.63	1.79	13.70	11.0	<1
E840774		0.46	<0.005	0.72	0.73	39.0	<0.2	<10	80	0.86	0.70	2.82	0.21	28.70	14.6	10
E840775		0.50	<0.005	2.34	0.29	95.8	<0.2	<10	40	0.57	4.16	7.32	0.52	20.40	9.5	3
E840776		0.42	0.007	3.57	0.48	77.3	<0.2	10	100	0.95	13.55	1.99	1.16	31.60	22.8	7
E840777		0.34	<0.005	3.72	0.11	203	<0.2	10	20	0.42	8.07	11.70	0.26	11.15	9.2	<1
E840778		0.64	<0.005	5.10	0.07	157	<0.2	<10	30	0.46	1.79	10.10	0.77	12.35	9.0	<1
E840779		0.30	<0.005	3.47	0.11	105	<0.2	10	40	0.42	3.22	11.55	0.73	12.25	8.7	<1
E840780		0.52	<0.005	6.17	0.04	293	<0.2	<10	10	0.18	0.39	10.95	1.60	11.05	25.0	<1
E840781		0.36	<0.005	2.28	0.20	83.4	<0.2	<10	20	0.40	0.55	4.98	0.37	16.85	9.0	2
E840782		0.46	<0.005	3.71	0.30	112.0	<0.2	<10	70	0.60	0.41	5.22	1.79	20.00	16.2	3
E840783		0.62	<0.005	12.95	0.14	190.0	<0.2	<10	40	0.65	6.00	8.79	2.72	15.70	14.3	1
E840784		0.44	<0.005	21.60	0.04	570.0	<0.2	<10	20	0.26	1.66	5.55	2.58	20.30	17.3	<1
E840785		0.44	0.005	8.37	0.06	240.0	<0.2	<10	40	0.30	0.72	6.87	0.78	18.75	14.9	<1
E840786		0.46	0.010	3.18	0.05	159.0	<0.2	<10	20	0.38	2.19	9.34	0.18	10.70	18.1	<1
E840787		0.34	0.046	1.68	0.47	113.0	<0.2	<10	110	0.99	9.55	1.67	0.32	31.40	59.2	6
E840788		0.34	0.024	1.74	0.49	84.5	<0.2	<10	40	0.75	6.34	7.28	0.12	20.40	41.2	5
E840789		0.34	0.025	2.04	0.12	117.0	<0.2	<10	50	0.62	5.14	9.60	0.18	16.70	47.4	1
E840790		0.38	0.031	1.43	0.96	41.0	<0.2	<10	120	1.29	1.03	1.24	0.32	36.20	19.8	11
E840791		0.40	0.005	4.80	0.09	196.5	<0.2	10	40	0.70	0.28	5.92	1.62	14.90	18.4	<1
E840801		0.36	0.007	1.51	0.16	69	<0.2	<10	60	0.57	1.24	13.20	0.08	12.65	19.4	2
E840851		0.38	0.027	0.65	0.97	38.4	<0.2	<10	1600	1.34	0.64	0.54	0.26	35.70	30.9	14
E840852		0.34	0.062	0.67	0.59	19.4	<0.2	<10	1820	1.39	0.98	0.95	0.26	31.50	121.5	8
E840853		0.34	0.018	0.52	0.67	35.3	<0.2	<10	280	0.88	2.74	1.25	0.29	25.70	44.1	8
E840854		0.38	0.022	1.49	0.43	150.0	<0.2	<10	160	0.69	4.29	1.84	0.20	25.00	83.1	4
E840855		0.34	0.052	0.64	0.53	79.2	<0.2	<10	2050	1.04	1.82	1.02	0.18	32.00	117.0	7
E840856		0.32	0.061	0.51	0.44	25.6	<0.2	<10	1840	1.15	1.75	1.09	0.14	44.90	43.0	6
E840857		0.40	0.132	0.95	0.66	74.8	<0.2	<10	730	1.39	4.30	1.13	0.17	52.30	94.3	9
E840858		0.42	0.025	1.28	0.41	72.7	<0.2	<10	1410	0.98	6.10	5.90	0.14	26.30	47.3	5
E840859		0.40	0.031	1.30	0.38	97.3	<0.2	<10	440	0.95	8.45	3.52	0.10	34.20	56.7	4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070663

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840351(D)	1.19	4750.0	9.95	2.70	0.14	0.14	0.37	0.443	0.08	15.0	11.8	0.99	4790	28.70	0.01
E840352(D)	0.81	465.0	10.10	1.18	0.13	0.12	0.44	0.268	0.07	10.7	6.3	2.36	3170	11.95	0.01
E840353(D)	1.32	1405.0	10.10	2.29	0.13	0.13	0.55	0.329	0.07	19.2	6.2	0.33	5820	11.75	0.03
E840354(D)	0.82	391.0	5.69	1.17	0.07	0.11	0.24	0.194	0.07	19.5	3.5	0.69	4060	5.84	0.03
E840355(D)	2.14	687.0	7.89	3.91	0.12	0.17	0.22	0.256	0.12	27.2	10.9	0.96	3160	19.75	0.01
E840356(D)	2.39	381.0	8.80	3.54	0.14	0.23	0.21	0.288	0.15	31.5	8.4	0.48	3140	15.75	0.01
E840747	0.62	56.1	10.05	1.04	0.14	0.06	0.93	0.104	0.04	9.4	6.1	6.07	2330	2.63	0.02
E840748	0.61	52.4	4.73	3.16	0.07	0.12	0.26	0.071	0.06	14.8	9.5	0.51	1310	1.82	0.02
E840749	0.49	1065.0	6.92	1.96	0.10	0.09	0.35	0.197	0.06	13.0	6.4	0.34	2780	7.94	0.02
E840750	1.04	122.0	5.36	2.46	0.08	0.10	0.28	0.192	0.06	16.4	9.5	0.27	4750	3.02	<0.01
E840772	1.42	18.7	2.92	3.09	0.07	0.09	0.08	0.041	0.09	15.4	13.0	0.67	2340	1.27	0.01
E840773	0.37	45.9	19.15	0.43	0.19	0.05	1.86	0.034	0.02	8.4	2.2	0.92	1975	4.49	0.01
E840774	1.28	46.9	3.68	2.28	0.11	0.09	0.18	0.035	0.09	14.4	13.8	2.16	1650	1.49	0.01
E840775	0.65	93.2	6.69	0.82	0.11	0.07	0.50	0.057	0.05	11.2	5.3	4.58	2770	4.58	0.01
E840776	0.65	84.4	7.12	1.62	0.11	0.09	0.69	0.097	0.06	15.6	8.8	1.25	5010	3.21	0.01
E840777	0.31	34.6	9.87	0.42	0.23	0.04	0.70	0.044	0.04	6.5	7.9	7.66	1450	1.95	0.02
E840778	0.25	27.7	11.75	0.32	0.19	0.05	1.95	0.078	0.03	6.8	7.3	6.56	1430	2.67	0.01
E840779	0.36	24.7	9.72	0.44	0.22	0.04	0.65	0.059	0.02	6.7	5.2	7.60	1435	3.30	0.02
E840780	0.24	64.0	17.05	0.22	0.15	0.04	0.92	0.064	0.01	4.1	1.6	6.99	2520	1.52	0.01
E840781	0.53	23.6	4.91	0.64	0.07	0.06	0.83	0.044	0.03	8.5	2.6	3.05	1495	1.84	0.01
E840782	0.57	65.1	9.34	1.00	0.10	0.06	5.02	0.134	0.04	10.0	5.7	3.28	2300	2.14	0.01
E840783	0.31	177.5	10.65	0.55	0.13	0.05	1.84	0.096	0.04	8.0	2.8	5.59	1865	2.35	0.01
E840784	0.15	139.0	27.10	0.24	0.26	0.06	4.54	0.108	0.01	9.4	1.2	3.36	2310	2.93	0.01
E840785	0.32	77.9	24.50	0.26	0.22	0.05	2.40	0.052	0.01	9.1	2.2	4.22	2820	1.39	0.01
E840786	0.39	54.6	12.15	0.15	0.13	0.09	0.78	0.068	0.02	4.9	2.2	5.91	1660	3.10	0.01
E840787	1.65	660.0	7.71	1.34	0.09	0.17	0.67	0.407	0.05	15.5	3.8	0.54	4420	35.20	<0.01
E840788	1.21	80.4	6.69	1.37	0.11	0.09	0.78	0.174	0.04	10.3	13.3	4.75	2160	3.66	0.01
E840789	1.00	216.0	8.49	0.37	0.09	0.07	0.76	0.194	0.03	8.3	3.9	5.73	2250	8.77	0.01
E840790	2.02	211.0	7.12	2.71	0.09	0.12	0.35	0.264	0.07	18.5	10.9	0.56	3220	10.30	0.01
E840791	0.24	80.8	13.20	0.37	0.16	0.04	2.02	0.086	0.03	8.0	3.9	3.57	1585	2.23	0.01
E840801	0.61	91.8	4.44	0.50	0.06	0.04	0.37	0.109	0.03	6.6	4.1	8.35	1845	3.35	0.01
E840851	0.71	163.0	5.62	2.75	0.08	0.14	0.28	0.168	0.07	23.0	13.1	0.34	3960	5.93	<0.01
E840852	0.86	551.0	7.31	1.82	0.08	0.20	0.33	0.290	0.06	17.0	5.0	0.24	8930	10.50	<0.01
E840853	0.39	146.5	7.55	1.84	0.09	0.14	0.19	0.363	0.06	12.7	5.5	0.36	5800	4.16	0.01
E840854	0.54	240.0	8.84	1.34	0.09	0.08	0.43	0.326	0.06	11.7	4.7	0.88	3520	12.90	0.01
E840855	0.54	452.0	5.97	1.54	0.07	0.13	0.25	0.311	0.08	17.3	4.9	0.37	5480	7.61	<0.01
E840856	0.84	453.0	5.08	1.43	0.08	0.12	0.24	0.262	0.08	25.5	5.6	0.34	4600	13.30	<0.01
E840857	1.24	901.0	8.46	2.49	0.12	0.23	0.21	0.343	0.11	29.8	7.0	0.53	6360	31.10	<0.01
E840858	0.81	732.0	5.66	1.21	0.08	0.10	0.21	0.262	0.08	14.1	6.4	3.37	3430	10.05	<0.01
E840859	1.51	510.0	5.93	1.19	0.08	0.09	0.38	0.268	0.08	18.9	5.1	1.86	2760	19.85	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 22-JUL-2007
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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840351(D)		0.38	70.1	860	55.2	12.9	0.001	0.26	6.36	9.7	4.1	1.0	14.4	0.01	0.85	6.1
E840352(D)		0.13	47.1	850	72.0	9.2	<0.001	0.35	10.40	5.5	1.4	0.3	11.5	0.01	0.20	2.9
E840353(D)		0.19	33.9	1310	109.5	12.2	<0.001	0.11	7.62	5.2	3.0	0.4	8.1	0.01	0.16	1.6
E840354(D)		0.17	18.3	860	23.0	9.2	<0.001	0.18	2.39	7.0	1.7	0.4	12.1	0.01	0.43	2.5
E840355(D)		0.23	36.8	920	27.7	16.3	0.001	0.14	4.97	8.3	1.9	0.6	8.6	0.01	0.27	5.0
E840356(D)		0.32	31.2	860	19.3	19.0	0.001	0.13	3.76	8.2	1.7	0.6	6.0	0.01	0.35	5.5
E840747		0.22	39.5	380	192.5	3.7	<0.001	0.40	14.45	3.0	0.7	0.3	16.8	0.01	0.03	1.9
E840748		0.56	28.2	680	52.4	8.1	<0.001	0.05	2.98	4.2	0.7	0.3	11.2	0.01	0.05	2.2
E840749		0.27	102.0	960	52.5	7.9	0.001	0.10	3.18	5.2	1.6	0.3	10.2	0.01	0.19	2.6
E840750		0.27	21.0	1290	39.1	9.5	<0.001	0.12	2.57	5.6	1.6	0.3	9.1	0.01	0.12	1.4
E840772		0.25	19.9	1120	22.4	12.4	<0.001	0.09	1.16	4.2	1.3	0.3	9.7	0.01	0.08	1.2
E840773		0.14	56.5	170	658.0	2.0	<0.001	1.98	22.80	3.6	0.9	<0.2	4.8	<0.01	0.07	1.7
E840774		0.21	27.7	660	57.8	8.6	<0.001	0.15	4.01	5.2	0.9	0.2	9.6	<0.01	0.06	3.8
E840775		0.16	29.4	360	120.5	3.7	<0.001	0.13	10.90	3.3	1.1	<0.2	14.8	<0.01	0.05	2.0
E840776		0.17	49.5	660	298.0	6.2	<0.001	0.31	8.67	5.6	1.3	0.2	8.4	0.01	0.12	2.3
E840777		0.09	19.4	120	191.5	3.9	<0.001	1.50	11.00	2.2	0.7	<0.2	24.4	<0.01	0.04	0.8
E840778		0.09	29.5	130	387.0	2.9	<0.001	1.63	19.90	2.5	0.9	<0.2	20.3	<0.01	0.04	1.1
E840779		0.09	23.1	110	285.0	2.0	<0.001	0.82	11.60	2.4	1.0	<0.2	22.5	<0.01	0.03	0.7
E840780		0.08	100.5	80	258.0	0.8	<0.001	0.72	30.80	3.1	1.1	<0.2	20.1	<0.01	0.02	0.8
E840781		0.06	15.2	280	161.5	2.2	<0.001	0.05	10.20	2.3	3.0	<0.2	10.4	<0.01	0.04	1.9
E840782		0.13	36.3	340	262.0	3.8	<0.001	0.37	16.45	3.6	1.0	<0.2	10.7	<0.01	0.05	2.0
E840783		0.09	44.0	130	320.0	1.7	<0.001	0.37	36.40	3.0	1.4	<0.2	15.3	<0.01	0.03	1.2
E840784		0.12	57.8	60	1050.0	0.4	<0.001	2.33	67.90	3.1	1.1	<0.2	10.4	<0.01	0.03	0.6
E840785		0.11	74.9	100	459.0	0.9	<0.001	3.67	41.10	3.5	0.8	<0.2	14.3	<0.01	0.03	1.0
E840786		0.08	58.5	110	224.0	1.1	<0.001	1.25	21.80	3.2	1.4	<0.2	19.4	<0.01	0.03	1.5
E840787		0.19	56.2	1100	62.0	6.0	0.001	0.13	6.87	8.8	2.2	0.2	10.5	0.01	0.27	3.0
E840788		0.10	42.5	520	78.4	4.4	<0.001	0.25	10.25	5.6	1.4	0.2	14.0	<0.01	0.11	2.5
E840789		0.09	49.4	510	98.2	3.4	<0.001	0.68	12.65	4.4	1.5	0.5	18.9	<0.01	0.19	3.1
E840790		0.24	26.7	1200	50.1	9.8	0.001	0.12	4.13	5.4	1.7	0.3	8.4	0.01	0.15	2.1
E840791		0.09	71.3	210	355.0	2.5	<0.001	1.15	21.10	4.6	0.9	<0.2	11.1	<0.01	0.05	2.0
E840801		0.07	20.5	270	61.5	2.9	<0.001	0.14	7.16	2.4	1.0	<0.2	23.9	<0.01	0.06	1.5
E840851		0.33	25.1	1020	43.0	10.1	<0.001	0.07	3.84	7.1	1.5	0.4	8.5	0.01	0.14	3.1
E840852		0.28	24.1	1380	22.3	10.3	<0.001	0.14	4.59	9.6	2.4	0.5	10.6	0.02	0.39	3.0
E840853		0.20	24.6	1340	31.5	8.2	<0.001	0.19	2.14	5.5	1.7	0.2	10.7	0.01	0.13	2.1
E840854		0.16	38.8	830	64.0	8.5	0.001	0.41	8.08	4.9	1.4	0.2	9.9	0.01	0.20	2.3
E840855		0.18	31.7	1060	22.5	10.0	<0.001	0.12	2.35	6.2	1.9	0.3	11.1	0.01	0.22	2.6
E840856		0.17	19.3	940	21.3	9.8	0.001	0.11	3.06	6.4	1.7	0.4	11.0	0.01	0.31	2.8
E840857		0.25	33.8	1170	21.9	12.7	0.001	0.17	3.95	11.8	2.9	0.4	9.3	0.01	0.38	5.1
E840858		0.12	28.8	930	47.3	7.8	<0.001	0.14	6.55	5.3	1.7	0.2	16.7	0.01	0.18	2.6
E840859		0.13	32.9	880	28.7	8.9	0.001	0.23	6.42	6.5	1.8	0.2	10.8	0.01	0.42	5.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840351(D)		0.019	0.90	14.75	27	0.44	41.90	87	5.8
E840352(D)		0.006	2.12	5.18	18	0.24	24.30	57	2.5
E840353(D)		0.013	0.67	9.10	27	0.52	34.10	135	1.6
E840354(D)		0.013	0.14	4.12	16	0.60	18.65	40	2.3
E840355(D)		0.011	0.56	12.90	29	0.63	25.30	67	4.2
E840356(D)		0.014	0.50	9.30	26	1.07	29.60	50	5.5
E840747		0.009	0.70	1.21	15	0.07	15.00	231	1.4
E840748		0.024	0.25	0.86	35	0.21	15.90	148	2.0
E840749		0.013	0.23	4.41	22	0.27	21.00	86	2.4
E840750		0.013	0.19	3.79	25	0.28	27.70	132	1.9
E840772		0.015	0.15	0.99	25	0.11	27.40	95	1.4
E840773		<0.005	1.10	3.43	7	0.15	11.00	1285	2.1
E840774		0.010	0.18	0.76	14	0.07	18.25	121	2.2
E840775		0.005	0.51	1.78	12	0.05	15.30	338	2.3
E840776		0.006	0.49	1.94	14	0.09	20.90	581	2.3
E840777		<0.005	0.60	0.89	5	<0.05	11.65	228	1.9
E840778		<0.005	1.60	2.56	4	<0.05	11.45	525	2.7
E840779		<0.005	1.05	1.27	5	<0.05	13.20	487	1.5
E840780		<0.005	0.33	1.76	8	<0.05	17.05	649	1.0
E840781		<0.005	0.60	1.75	5	<0.05	9.06	406	1.8
E840782		0.005	0.70	2.58	10	0.05	14.75	1600	1.8
E840783		<0.005	1.83	3.18	8	0.05	11.15	2490	1.5
E840784		<0.005	0.91	0.72	7	<0.05	14.90	1425	2.4
E840785		<0.005	0.70	0.83	7	<0.05	18.00	443	2.0
E840786		<0.005	1.47	1.49	5	<0.05	10.90	123	5.0
E840787		0.007	0.62	3.16	20	0.29	35.10	123	4.5
E840788		<0.005	1.24	1.41	16	0.07	18.70	91	2.5
E840789		<0.005	1.27	2.24	12	0.09	18.45	84	2.2
E840790		0.009	0.52	4.46	24	0.27	28.00	136	2.4
E840791		<0.005	0.60	1.20	7	<0.05	12.45	1080	1.5
E840801		<0.005	0.33	1.48	9	0.09	13.45	33	1.2
E840851		0.016	0.29	5.16	29	0.58	39.90	105	2.5
E840852		0.015	0.12	8.21	18	1.47	43.90	55	4.3
E840853		0.010	0.49	8.10	22	0.15	31.10	80	3.1
E840854		0.007	0.51	5.60	17	0.15	21.70	83	1.8
E840855		0.009	0.25	5.37	17	0.38	28.30	119	3.3
E840856		0.009	0.42	5.18	16	0.68	27.70	58	2.9
E840857		0.013	1.05	10.65	24	1.01	37.10	64	6.7
E840858		0.005	2.10	2.41	19	0.19	23.50	94	2.9
E840859		<0.005	0.98	3.53	14	0.31	23.40	58	2.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840860		0.32	0.006	2.62	0.17	103.0	<0.2	<10	380	0.61	1.47	9.30	2.17	13.55	14.8	1
E840861		0.44	0.019	0.61	0.41	62.0	<0.2	<10	200	0.66	4.51	3.91	0.12	30.50	32.1	4
E840862		0.28	0.011	1.11	0.41	60.7	<0.2	<10	620	0.75	2.25	4.38	0.55	26.20	18.4	4
E840863		0.32	0.028	1.09	0.34	71.2	<0.2	<10	260	0.99	5.09	3.46	0.20	34.40	28.2	4
E840864		0.42	<0.005	0.85	0.16	53	<0.2	10	30	0.73	1.87	10.75	0.28	17.55	14.1	3
E840865		0.44	0.019	0.93	0.36	39.4	<0.2	10	180	0.98	2.71	6.62	0.33	26.40	29.4	6
E840866		0.32	0.022	0.78	0.64	38.4	<0.2	<10	1350	1.41	1.43	1.61	0.28	38.00	28.9	13
E840867		0.04	0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.19	0.1	<1
E840868		0.36	0.015	0.82	0.43	30.3	<0.2	<10	2290	1.13	2.85	3.93	0.23	32.30	19.9	6
E840869		0.36	<0.005	1.40	0.16	50.2	<0.2	10	100	0.53	0.58	9.62	1.02	16.90	9.4	2
E840870		0.40	0.005	2.97	0.12	114	<0.2	<10	50	0.51	1.05	10.35	2.70	14.60	11.2	1
E840871		0.44	0.028	0.92	0.58	50.8	<0.2	<10	660	0.96	3.09	2.87	0.19	35.10	29.7	10
E840872		0.42	0.008	2.64	0.19	134	<0.2	<10	60	0.70	2.01	10.20	0.08	14.80	25.9	1
E840873		0.32	0.006	2.31	0.09	74	<0.2	10	40	0.58	1.46	13.65	0.09	12.30	16.4	1
E840874		0.34	0.013	6.63	0.20	330.0	<0.2	<10	90	0.64	5.32	0.58	0.16	28.90	40.2	<1
E840875		0.30	0.006	3.23	0.08	136.0	<0.2	<10	30	0.37	0.32	8.44	0.61	11.80	12.9	<1
E840876		0.28	0.005	3.56	0.07	145.0	<0.2	<10	30	0.38	0.31	8.32	0.63	12.35	13.6	<1
E840877		0.44	0.046	1.95	0.47	180.5	<0.2	<10	90	1.16	10.55	3.80	0.17	25.30	132.0	7
E840878		0.42	0.011	1.26	0.50	166.5	<0.2	<10	740	1.58	8.72	1.77	0.19	32.30	125.0	5
E840879		0.54	0.015	1.44	0.24	77	<0.2	<10	90	0.63	6.75	11.35	0.13	18.95	42.0	3
E840880		0.30	0.067	1.93	0.51	127.5	<0.2	<10	160	2.38	12.25	1.02	0.28	46.00	60.2	5
E840881		0.42	<0.005	1.13	0.03	21	<0.2	<10	10	0.33	0.23	16.10	0.15	8.27	4.6	<1
E840882		0.36	<0.005	4.75	0.11	175.0	<0.2	10	40	0.59	1.48	6.30	0.31	14.15	13.1	<1
E840883		0.40	<0.005	5.73	0.05	248.0	<0.2	<10	30	0.45	3.15	9.95	0.44	13.25	19.1	<1
E840884		0.42	0.008	3.12	0.31	109.0	<0.2	10	80	0.57	5.39	7.71	0.33	21.40	10.2	4
E840885		0.30	0.009	1.00	1.15	40.4	<0.2	<10	260	0.96	1.72	1.64	0.53	39.70	11.1	19
E840886		0.44	<0.005	2.99	0.29	111.5	<0.2	10	70	0.66	4.45	8.50	0.41	18.60	9.8	3
E840887		0.42	<0.005	4.54	0.17	158.0	<0.2	10	30	0.62	4.85	6.58	0.47	17.85	8.2	<1
E840888		0.42	0.007	0.94	0.24	56.0	<0.2	<10	60	0.66	1.82	9.77	0.32	19.70	7.8	2
E840889		0.48	<0.005	4.03	0.53	124.0	<0.2	<10	150	1.05	0.56	1.63	0.74	28.20	17.9	6
E840890		0.50	<0.005	1.62	0.12	65	<0.2	<10	50	0.38	1.83	13.85	1.42	13.40	4.9	1
E840891		0.38	0.017	0.91	0.81	33.6	<0.2	<10	1150	1.04	0.74	0.87	0.32	35.80	20.9	14
E840892		0.22	0.014	0.22	1.27	18.2	<0.2	<10	1070	1.53	0.52	1.08	0.48	32.30	18.8	17
E840893		0.34	0.016	0.32	0.76	22.9	<0.2	<10	620	1.00	0.58	1.04	0.29	24.50	20.0	10
E840894		0.24	0.035	0.80	0.85	30.6	<0.2	<10	2440	1.33	0.54	0.94	0.34	33.80	46.5	13
E840895		0.34	0.026	0.57	0.82	21.5	<0.2	<10	1790	1.25	0.53	1.54	0.33	25.90	26.3	14
E840896		0.38	0.032	0.44	0.46	30.4	<0.2	<10	1860	0.85	0.55	2.15	0.23	31.20	49.1	8
E840897		0.26	0.088	4.07	0.40	312.0	<0.2	<10	500	0.86	6.10	1.86	0.29	21.40	240.0	5
E840898		0.26	0.011	0.32	0.67	17.3	<0.2	<10	2500	1.00	0.67	0.98	0.24	33.70	29.5	10
E840899		0.24	0.028	2.00	0.44	132.5	<0.2	<10	220	0.80	2.79	3.79	0.21	22.70	41.9	6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070663

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840860	0.50	107.0	8.77	0.56	0.10	0.06	0.75	0.129	0.03	6.7	3.8	5.60	2090	4.59	0.01
E840861	1.75	421.0	5.32	1.10	0.07	0.10	0.29	0.288	0.07	15.8	4.9	2.12	2940	7.96	0.01
E840862	1.23	161.0	5.77	1.23	0.08	0.10	0.46	0.205	0.07	14.1	6.3	2.54	2160	6.18	0.01
E840863	1.68	318.0	5.78	0.97	0.08	0.12	0.42	0.265	0.07	18.2	4.3	1.74	2330	13.45	0.01
E840864	0.41	36.4	4.79	0.49	0.06	0.06	0.31	0.077	0.02	9.0	3.7	6.78	1680	2.33	0.01
E840865	1.41	95.2	4.57	1.04	0.06	0.08	0.25	0.116	0.05	13.7	4.7	4.02	2360	5.42	0.02
E840866	2.31	133.5	4.39	1.90	0.07	0.10	0.53	0.142	0.10	19.8	8.1	0.96	2530	3.56	0.01
E840867	<0.05	0.9	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.07	0.01
E840868	0.94	124.0	4.91	1.18	0.06	0.09	0.34	0.202	0.06	16.3	4.2	2.12	3050	5.86	<0.01
E840869	0.63	37.9	4.59	0.54	0.06	0.06	0.82	0.068	0.04	9.2	4.2	5.99	1785	2.14	0.02
E840870	0.40	49.7	8.80	0.47	0.11	0.04	1.34	0.089	0.03	7.3	3.6	6.39	1910	4.04	0.02
E840871	1.68	333.0	4.68	1.94	0.07	0.09	0.32	0.164	0.09	18.7	6.6	1.64	1670	7.56	0.01
E840872	0.97	113.0	6.71	0.69	0.09	0.06	0.85	0.082	0.05	7.7	3.5	6.41	1635	6.46	0.02
E840873	0.33	58.8	5.20	0.35	0.07	0.04	0.60	0.112	0.02	6.3	3.1	8.74	2040	1.90	0.02
E840874	0.66	178.5	21.10	0.63	0.20	0.07	1.66	0.146	0.04	14.7	2.2	0.24	2230	10.50	0.01
E840875	0.26	50.9	10.80	0.28	0.14	0.05	1.03	0.093	0.03	5.3	2.7	5.13	1865	3.06	0.02
E840876	0.28	52.0	10.95	0.29	0.13	0.06	1.15	0.097	0.02	5.5	2.8	4.99	1875	3.28	0.02
E840877	1.03	914.0	7.24	1.39	0.09	0.16	0.41	0.424	0.08	14.0	5.5	1.66	2810	25.80	0.01
E840878	1.20	581.0	7.73	1.47	0.09	0.14	0.30	0.371	0.08	16.2	4.5	0.64	4270	16.90	0.01
E840879	0.57	303.0	4.90	0.76	0.08	0.05	0.37	0.198	0.05	9.8	5.6	7.09	2240	8.48	0.02
E840880	1.92	1035.0	9.65	1.51	0.12	0.19	0.96	0.690	0.09	23.6	5.7	0.43	3870	19.15	0.01
E840881	0.10	24.1	4.15	0.19	0.05	0.02	0.23	0.114	0.01	4.3	3.5	10.15	2290	0.89	0.02
E840882	0.29	54.4	17.60	0.50	0.20	0.07	1.37	0.061	0.04	6.7	6.2	3.89	1680	2.39	0.01
E840883	0.13	88.2	16.10	0.25	0.15	0.07	1.58	0.070	0.02	6.0	2.5	6.16	2100	1.46	0.02
E840884	0.31	52.5	8.82	0.91	0.10	0.07	0.75	0.096	0.03	10.3	4.5	4.81	2410	1.54	0.02
E840885	0.76	51.3	5.30	3.33	0.08	0.09	0.28	0.085	0.07	20.9	12.9	1.17	2210	2.04	0.02
E840886	0.42	30.4	8.77	0.86	0.12	0.06	0.60	0.062	0.04	9.6	5.3	5.39	1780	2.05	0.02
E840887	0.48	26.7	12.00	0.54	0.14	0.06	1.36	0.076	0.04	8.8	5.1	4.10	1615	3.16	0.02
E840888	0.75	62.7	4.20	0.73	0.07	0.05	0.23	0.050	0.06	10.6	4.5	6.33	1775	6.87	0.02
E840889	1.00	73.0	11.45	1.70	0.15	0.09	0.61	0.048	0.09	13.8	10.3	1.20	4070	1.50	0.01
E840890	0.43	66.5	4.81	0.44	0.07	0.04	0.46	0.045	0.02	7.7	3.3	9.06	2110	9.25	0.02
E840891	0.90	138.0	5.08	2.49	0.08	0.10	0.32	0.136	0.07	20.7	9.7	0.49	2290	3.75	0.01
E840892	1.01	29.3	4.23	4.05	0.06	0.07	0.15	0.114	0.06	17.1	12.7	0.40	5530	3.15	0.01
E840893	0.40	34.2	4.35	2.18	0.06	0.11	0.20	0.205	0.07	12.5	5.6	0.33	2570	2.85	0.01
E840894	0.72	227.0	6.51	2.81	0.09	0.13	0.36	0.319	0.09	18.5	8.2	0.37	6410	6.54	<0.01
E840895	0.79	148.5	4.93	2.43	0.07	0.12	0.28	0.234	0.06	14.8	6.8	0.44	4530	4.96	<0.01
E840896	0.70	101.0	4.93	1.47	0.08	0.09	0.29	0.227	0.07	16.2	4.7	1.11	4790	5.57	<0.01
E840897	0.67	6190.0	10.80	1.26	0.12	0.10	0.94	0.292	0.06	10.8	3.3	0.62	6100	30.40	0.01
E840898	0.46	80.1	5.66	2.00	0.08	0.12	0.17	0.278	0.07	16.7	4.4	0.32	5700	3.42	<0.01
E840899	0.65	294.0	8.57	1.35	0.12	0.08	0.60	0.221	0.06	11.3	5.7	1.86	3540	6.67	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840860		0.09	28.1	460	189.0	3.8	<0.001	0.59	12.05	3.4	1.2	<0.2	17.8	<0.01	0.07	1.3
E840861		0.10	23.8	800	19.4	6.9	<0.001	0.16	3.34	6.5	1.1	0.2	10.5	0.01	0.20	6.4
E840862		0.12	25.1	790	71.6	7.5	<0.001	0.15	6.37	4.9	1.3	0.2	11.2	<0.01	0.14	3.2
E840863		0.12	39.0	950	48.4	7.1	<0.001	0.21	6.40	6.6	1.6	0.2	10.0	0.01	0.22	3.2
E840864		0.11	36.1	210	84.0	2.2	<0.001	0.11	7.95	3.1	0.9	<0.2	26.3	<0.01	0.04	1.6
E840865		0.17	29.4	510	56.7	6.0	<0.001	0.10	3.98	4.5	1.2	0.2	16.7	<0.01	0.08	2.5
E840866		0.25	25.5	850	37.3	11.0	<0.001	0.10	3.34	5.5	1.4	0.3	11.2	<0.01	0.09	3.8
E840867		<0.05	0.2	10	0.6	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
E840868		0.14	23.0	810	52.0	7.4	<0.001	0.11	3.28	5.1	1.4	0.4	19.3	<0.01	0.08	2.0
E840869		0.07	20.2	290	106.0	3.3	<0.001	0.15	7.38	2.6	0.6	<0.2	18.2	<0.01	0.05	2.5
E840870		0.09	30.6	220	198.0	2.5	<0.001	0.74	14.05	3.2	1.0	<0.2	18.7	<0.01	0.05	1.6
E840871		0.31	27.0	820	37.2	9.8	<0.001	0.10	3.86	5.7	1.2	0.4	15.5	<0.01	0.11	4.1
E840872		0.09	45.5	450	105.5	4.1	<0.001	0.16	15.05	4.1	1.1	<0.2	21.4	<0.01	0.07	3.0
E840873		0.07	25.4	250	94.8	1.9	<0.001	0.16	10.70	2.0	0.7	0.2	27.2	<0.01	0.04	1.0
E840874		0.11	96.0	560	287.0	6.6	<0.001	0.17	32.30	5.2	2.0	0.2	3.0	0.01	0.09	3.4
E840875		0.08	47.8	420	202.0	2.1	<0.001	0.39	15.35	3.4	1.2	<0.2	15.5	<0.01	0.08	1.1
E840876		0.08	51.3	420	204.0	2.1	<0.001	0.42	16.60	3.5	1.2	<0.2	15.9	<0.01	0.08	1.1
E840877		0.13	50.9	1120	38.6	9.2	<0.001	0.27	9.45	6.7	2.3	0.3	12.5	0.01	0.63	3.9
E840878		0.13	43.3	1140	54.3	11.3	<0.001	0.33	7.65	6.2	2.0	0.3	10.5	0.01	0.35	2.8
E840879		0.08	27.1	450	64.7	5.1	<0.001	0.12	7.73	3.9	1.4	0.2	19.9	<0.01	0.15	2.9
E840880		0.15	50.4	1150	60.0	12.1	<0.001	0.11	9.96	13.5	2.4	0.3	6.7	0.01	0.60	7.7
E840881		0.05	9.4	70	106.5	0.7	<0.001	0.26	5.49	0.8	0.6	<0.2	24.5	<0.01	0.01	0.4
E840882		0.10	48.0	190	288.0	3.7	<0.001	2.21	25.60	3.9	0.8	<0.2	11.3	<0.01	0.04	1.8
E840883		0.08	92.3	210	297.0	1.3	<0.001	2.24	28.80	4.2	0.9	0.2	23.6	<0.01	0.04	2.2
E840884		0.18	41.7	330	192.5	3.3	<0.001	0.09	11.60	3.6	0.8	0.2	15.2	<0.01	0.04	1.8
E840885		0.48	26.8	550	71.5	8.9	<0.001	0.05	3.30	5.2	1.0	0.5	10.6	<0.01	0.05	2.3
E840886		0.16	32.1	270	167.0	4.0	<0.001	0.16	11.95	3.3	0.9	0.2	17.6	<0.01	0.04	1.4
E840887		0.10	38.0	230	262.0	4.2	<0.001	0.29	18.95	3.7	0.8	1.9	13.4	<0.01	0.04	1.9
E840888		0.09	23.8	370	93.3	4.3	<0.001	0.11	5.55	2.5	0.9	<0.2	16.9	<0.01	0.05	2.3
E840889		0.16	55.2	570	297.0	8.7	<0.001	0.39	13.30	5.4	0.8	0.2	6.7	0.01	0.10	3.1
E840890		0.08	18.4	170	398.0	1.8	<0.001	0.21	9.70	1.8	0.8	<0.2	25.3	<0.01	0.04	1.1
E840891		0.34	23.6	750	55.5	10.0	<0.001	0.08	3.33	5.6	1.3	0.4	9.9	<0.01	0.10	2.3
E840892		0.36	19.4	1370	43.7	11.2	<0.001	0.13	1.55	3.5	1.3	1.4	12.3	0.01	0.08	0.9
E840893		0.24	15.6	1150	35.5	11.4	<0.001	0.20	3.14	4.3	1.0	0.3	10.3	0.01	0.10	1.5
E840894		0.26	25.8	1270	34.1	12.3	<0.001	0.11	2.96	10.4	2.2	0.5	12.7	0.01	0.19	2.1
E840895		0.23	18.5	1540	43.1	10.6	<0.001	0.17	3.37	4.9	2.2	1.7	15.4	0.01	0.15	0.9
E840896		0.23	20.6	910	21.5	8.1	<0.001	0.11	3.09	7.0	1.3	0.3	16.1	0.01	0.15	2.8
E840897		0.15	59.4	1040	61.0	8.6	<0.001	0.50	47.80	6.3	2.5	0.2	15.3	0.01	0.20	2.7
E840898		0.18	17.7	1280	35.7	10.5	<0.001	0.13	2.79	4.7	1.5	0.4	15.0	0.01	0.22	1.5
E840899		0.15	44.5	970	92.5	8.5	<0.001	0.19	10.20	4.9	2.0	0.5	11.0	0.01	0.15	1.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840860		<0.005	1.57	1.81	10	0.06	15.10	1795	1.8
E840861		<0.005	0.41	2.94	12	0.19	22.20	65	3.1
E840862		<0.005	0.56	2.27	12	0.14	20.20	468	2.7
E840863		0.005	0.63	2.46	13	0.19	23.70	130	3.0
E840864		<0.005	0.88	1.90	7	<0.05	13.70	135	1.8
E840865		0.006	0.91	2.89	12	0.14	20.00	131	1.9
E840866		0.013	0.26	4.52	18	0.43	19.15	107	2.3
E840867		<0.005	<0.02	0.09	<1	<0.05	0.64	3	0.5
E840868		0.006	0.49	2.02	12	0.11	22.10	95	1.9
E840869		<0.005	0.68	1.66	6	0.05	12.25	866	2.3
E840870		<0.005	1.93	1.79	8	0.05	12.75	2280	1.4
E840871		0.015	0.61	3.31	21	0.38	17.75	81	2.6
E840872		<0.005	0.85	3.15	11	0.13	15.75	38	2.4
E840873		<0.005	0.49	1.24	9	<0.05	12.70	33	1.0
E840874		<0.005	2.25	3.05	14	0.09	20.10	94	1.4
E840875		<0.005	1.97	1.10	12	0.09	13.70	608	1.4
E840876		<0.005	2.26	1.16	11	<0.05	14.15	589	1.7
E840877		<0.005	0.58	5.23	22	0.53	29.10	82	3.8
E840878		0.005	5.95	4.04	16	0.24	35.10	139	3.5
E840879		<0.005	2.79	1.50	16	0.10	16.65	75	1.7
E840880		0.005	1.96	5.83	20	0.52	44.20	104	4.5
E840881		<0.005	1.43	0.50	4	<0.05	8.96	66	0.6
E840882		<0.005	1.38	2.06	8	<0.05	12.90	199	2.7
E840883		<0.005	1.13	0.85	10	<0.05	15.80	210	2.7
E840884		0.008	1.00	0.98	15	0.06	15.80	140	1.4
E840885		0.024	0.34	0.88	35	0.17	23.30	158	1.4
E840886		0.006	0.87	0.85	11	0.05	15.45	215	1.4
E840887		<0.005	1.59	1.23	7	0.05	15.35	301	1.6
E840888		<0.005	0.62	1.39	9	<0.05	13.45	193	1.7
E840889		0.008	1.78	2.13	12	0.06	21.30	384	2.1
E840890		<0.005	1.52	1.86	12	<0.05	14.55	1365	1.5
E840891		0.016	0.34	3.34	25	0.38	24.70	123	1.8
E840892		0.017	0.23	6.43	32	0.20	22.90	123	1.1
E840893		0.011	0.22	2.72	21	0.13	20.10	111	2.0
E840894		0.013	0.18	7.62	29	0.40	34.40	99	2.3
E840895		0.010	0.15	10.95	22	0.24	29.30	116	2.0
E840896		0.014	0.14	7.54	16	0.69	21.80	67	1.6
E840897		0.006	10.15	9.53	14	0.22	21.80	112	2.4
E840898		0.009	0.37	3.75	18	0.27	24.20	96	2.1
E840899		0.007	2.83	4.22	21	0.21	24.30	80	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 22-JUL-2007
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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840900		0.36	0.018	0.36	0.60	95.6	<0.2	<10	1280	1.04	3.05	1.15	0.12	32.80	51.2	7
E841391		0.26	0.009	0.65	1.74	65.6	<0.2	<10	100	1.79	2.66	0.14	0.22	91.80	9.9	25
E841392		0.04	<0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.03	0.01	0.01	1.19	0.1	<1
E841393		0.32	0.007	0.25	1.80	48.6	<0.2	<10	90	1.13	1.13	0.06	0.22	99.80	10.8	22
E841394		0.36	0.019	0.92	2.09	138.5	<0.2	<10	70	1.87	2.97	0.02	0.17	237.00	11.9	36
E841395		0.34	0.016	0.75	1.80	117.0	<0.2	<10	70	1.61	2.65	0.06	0.26	172.00	14.0	29
E841396		0.52	0.011	0.61	2.29	58.2	<0.2	<10	80	1.22	2.25	0.04	0.20	197.00	11.7	26
E841397		0.30	0.022	0.71	2.10	328.0	<0.2	<10	70	1.27	2.57	0.04	0.26	359.00	18.9	27
E841398		0.50	0.012	0.38	2.15	101.0	<0.2	<10	60	1.14	1.82	0.03	0.22	210.00	31.1	22
E841399		0.32	0.011	0.25	1.95	83.0	<0.2	<10	70	2.27	1.70	0.08	0.49	312.00	58.4	22
E841400		0.38	0.021	0.34	2.26	36.8	<0.2	<10	70	4.10	1.84	0.09	0.65	320.00	65.2	23
E841401		0.34	0.012	0.25	2.03	39.8	<0.2	<10	60	2.59	1.62	0.05	0.28	193.50	36.9	22
E841402		0.20	<0.005	0.18	1.77	15.8	<0.2	<10	60	1.23	0.73	0.04	0.17	63.90	11.2	18
E841403		0.44	0.006	0.10	2.10	24.5	<0.2	<10	60	1.78	3.37	0.07	0.30	144.50	39.6	21
E841404		0.24	0.007	0.22	1.86	29.6	<0.2	<10	60	2.46	0.99	0.07	0.27	164.50	27.3	21
E841405		0.30	0.008	0.35	1.79	20.7	<0.2	<10	50	1.26	1.01	0.05	0.16	173.00	25.7	30
E841406		0.80	0.006	0.25	2.07	22.0	<0.2	<10	80	2.09	1.22	0.10	0.33	150.50	30.3	28
E841407		0.38	0.018	0.17	2.21	12.3	<0.2	<10	180	1.05	0.59	0.10	0.18	103.00	17.0	32
E841408		0.28	0.006	0.08	2.23	11.9	<0.2	<10	80	0.72	0.34	0.08	0.15	37.30	11.4	25
E841409		0.34	<0.005	0.61	2.26	14.9	<0.2	<10	60	1.31	0.79	0.07	0.20	137.00	16.4	23
E841410		0.40	0.009	0.27	2.36	28.2	<0.2	<10	60	2.08	1.86	0.04	0.43	351.00	44.8	29
E841411		0.24	0.022	0.47	1.90	25.3	<0.2	<10	50	2.46	1.38	0.06	0.25	159.50	27.9	21
E841412		0.50	<0.005	0.73	2.95	39.1	<0.2	<10	50	3.87	3.55	0.02	0.14	195.50	59.8	26
E841413		0.38	0.016	0.36	1.73	45.4	<0.2	<10	50	1.88	2.12	0.04	0.15	137.00	35.5	20
E841414		0.48	<0.005	0.34	2.58	30.3	<0.2	<10	90	2.99	1.54	0.10	0.32	168.00	33.1	22
E841415		0.76	0.008	0.25	1.80	25.1	<0.2	<10	60	2.33	1.20	0.08	0.58	275.00	47.0	21
E841416		0.36	<0.005	0.06	1.18	17.7	<0.2	<10	30	0.52	1.08	0.02	0.06	35.30	5.9	15
E841417		0.60	0.005	0.14	1.96	26.9	<0.2	<10	70	1.51	1.02	0.06	0.26	144.50	52.0	21
E841418		0.58	0.009	0.29	2.42	74.9	<0.2	<10	50	4.34	3.49	0.07	0.61	233.00	72.7	24
E841419		0.54	<0.005	0.20	2.06	28.3	<0.2	<10	90	2.14	1.94	0.13	0.23	238.00	33.3	22
E841420		0.28	<0.005	0.21	0.78	11.3	<0.2	<10	50	0.31	0.59	0.06	0.12	29.10	4.0	10
E841421		0.16	<0.005	0.28	1.85	20.0	<0.2	<10	50	0.54	1.12	0.03	0.11	52.70	8.4	22
E841422		0.32	0.010	0.07	1.68	17.1	<0.2	<10	60	0.79	0.76	0.07	0.14	63.80	13.5	24
E841423		0.20	<0.005	0.26	1.61	16.5	<0.2	<10	50	0.49	0.96	0.05	0.07	74.90	7.4	19
E841424		0.20	<0.005	0.26	0.72	13.7	<0.2	<10	110	0.27	0.60	0.18	0.65	36.00	6.4	10
E841425		0.26	<0.005	0.09	0.98	34.9	<0.2	<10	50	0.29	0.82	0.04	0.14	34.60	7.6	15
E841426		0.22	0.013	0.20	1.73	17.5	<0.2	<10	100	1.32	0.59	0.08	0.24	92.00	18.5	19
E841427		0.62	0.013	0.26	2.14	44.1	<0.2	<10	120	2.64	1.50	0.13	0.48	342.00	65.8	26
E841428		0.76	0.009	0.32	1.84	68.3	<0.2	<10	50	1.68	1.54	0.06	0.38	202.00	44.0	21
E841429		0.74	0.013	0.16	2.14	53.0	<0.2	<10	140	1.20	1.22	0.18	0.44	113.00	26.2	20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840900		0.62	329.0	4.40	1.91	0.07	0.14	0.15	0.244	0.07	18.1	5.0	0.40	1610	6.25	0.01
E841391		5.67	83.8	6.61	5.86	0.16	0.02	0.08	0.076	0.05	48.8	17.8	0.32	408	11.15	0.02
E841392		<0.05	0.8	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	0.07	<0.01
E841393		4.05	55.6	4.54	6.08	0.15	0.03	0.04	0.056	0.06	49.9	16.9	0.35	474	5.68	0.02
E841394		6.68	209.0	11.40	7.04	0.31	0.05	0.03	0.125	0.05	148.5	18.3	0.37	324	13.35	0.08
E841395		5.18	169.0	8.46	6.01	0.26	0.07	0.02	0.102	0.04	95.5	17.7	0.37	374	14.45	0.05
E841396		8.98	134.5	6.75	6.69	0.24	0.06	0.05	0.099	0.05	102.5	10.7	0.38	506	13.50	0.03
E841397		6.73	185.5	8.74	7.93	0.43	0.06	0.03	0.147	0.04	202.0	21.6	0.44	458	12.00	0.06
E841398		6.02	148.5	6.72	6.44	0.29	0.07	0.02	0.079	0.05	123.5	28.8	0.63	540	6.82	0.03
E841399		6.00	169.5	6.17	6.69	0.34	0.08	0.03	0.084	0.05	133.5	31.5	0.54	750	5.29	0.02
E841400		6.70	149.5	5.84	6.68	0.32	0.10	0.07	0.094	0.06	109.0	28.7	0.45	886	5.75	0.02
E841401		4.15	85.2	4.94	6.17	0.22	0.07	0.04	0.078	0.05	78.1	27.3	0.44	878	5.94	0.02
E841402		4.05	112.0	4.98	6.28	0.09	0.03	0.10	0.096	0.04	51.7	20.5	0.27	263	2.98	<0.01
E841403		3.08	52.5	3.94	5.81	0.22	0.06	0.05	0.050	0.05	59.0	23.4	0.41	625	2.35	<0.01
E841404		4.15	70.3	4.48	5.27	0.17	0.05	0.06	0.058	0.04	68.7	24.4	0.43	420	2.92	0.01
E841405		3.41	78.0	4.48	5.95	0.16	0.03	0.08	0.064	0.04	53.7	14.5	0.29	435	3.21	0.01
E841406		5.11	72.8	4.80	6.46	0.18	0.03	0.07	0.055	0.06	76.0	16.2	0.47	646	4.10	0.01
E841407		3.29	32.3	3.44	6.67	0.19	0.05	0.05	0.044	0.08	60.7	25.5	0.52	812	1.94	<0.01
E841408		1.86	17.8	3.27	5.65	0.08	0.05	0.04	0.035	0.06	15.4	18.6	0.37	274	1.13	<0.01
E841409		2.94	48.5	3.82	5.68	0.13	0.05	0.08	0.052	0.05	48.8	28.6	0.49	418	2.49	0.01
E841410		5.86	107.5	5.11	7.71	0.31	0.07	0.02	0.082	0.08	129.0	48.1	0.66	940	3.16	0.02
E841411		5.46	93.7	4.57	5.75	0.24	0.07	0.09	0.084	0.04	80.8	29.7	0.40	471	3.73	0.01
E841412		9.62	214.0	8.72	7.18	0.30	0.09	0.03	0.137	0.04	95.6	47.2	0.57	1125	14.85	0.03
E841413		6.85	80.0	4.83	5.51	0.17	0.05	0.07	0.051	0.04	57.8	22.4	0.27	651	4.21	0.01
E841414		8.56	93.1	5.35	6.21	0.18	0.06	0.09	0.061	0.05	66.6	48.1	0.46	869	6.32	0.01
E841415		3.81	85.6	4.18	6.07	0.27	0.07	0.01	0.052	0.06	96.2	40.8	0.56	835	3.03	0.01
E841416		4.13	21.5	4.07	10.15	0.08	<0.02	0.02	0.027	0.04	22.5	9.6	0.17	338	2.33	<0.01
E841417		3.53	78.3	3.99	5.95	0.20	0.05	0.03	0.046	0.06	58.9	22.2	0.40	696	2.77	<0.01
E841418		5.37	211.0	8.56	6.76	0.42	0.09	0.02	0.147	0.06	128.0	39.1	0.55	865	9.79	0.02
E841419		5.35	100.0	5.05	6.29	0.34	0.08	0.02	0.121	0.09	127.5	44.1	0.56	797	3.63	0.01
E841420		2.11	17.0	2.36	5.66	0.06	<0.02	0.05	0.023	0.05	14.6	4.0	0.10	160	1.41	<0.01
E841421		4.67	82.5	4.49	5.81	0.10	0.04	0.07	0.049	0.05	29.1	16.7	0.26	197	1.88	<0.01
E841422		3.31	36.5	4.05	5.84	0.11	0.04	0.02	0.037	0.05	25.6	25.9	0.47	506	1.50	<0.01
E841423		4.44	45.2	3.12	5.84	0.11	0.03	0.06	0.037	0.04	41.7	14.9	0.25	124	2.14	<0.01
E841424		2.30	23.5	1.91	4.46	0.06	<0.02	0.09	0.022	0.04	20.8	3.1	0.09	195	1.96	<0.01
E841425		2.18	22.1	4.23	9.73	0.09	<0.02	0.03	0.031	0.04	16.6	5.0	0.15	205	2.70	<0.01
E841426		3.30	36.8	3.03	5.78	0.14	0.04	0.06	0.043	0.05	48.2	21.0	0.37	265	2.01	<0.01
E841427		6.91	101.5	4.92	7.42	0.39	0.10	0.05	0.091	0.07	161.0	29.3	0.59	1580	4.85	0.02
E841428		3.74	133.0	5.42	5.88	0.25	0.08	0.03	0.074	0.05	87.6	34.0	0.57	749	5.50	0.02
E841429		3.42	63.7	4.28	6.45	0.15	0.04	0.14	0.061	0.07	54.7	19.5	0.37	1565	5.63	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840900		0.21	17.5	850	19.5	11.0	<0.001	0.11	2.50	4.8	1.3	0.6	9.0	0.01	0.17	2.9
E841391		0.53	22.3	1700	242.0	10.2	<0.001	0.15	2.82	1.9	2.2	0.4	30.7	0.01	0.28	10.1
E841392		<0.05	0.3	10	0.9	0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	0.7	<0.01	0.01	0.3
E841393		0.69	19.8	1100	63.3	13.1	<0.001	0.09	1.78	2.8	1.3	0.5	19.6	<0.01	0.16	12.5
E841394		0.75	29.5	3000	160.0	6.9	0.001	0.53	4.54	6.6	2.7	0.4	44.1	0.01	0.31	62.2
E841395		0.79	27.2	2300	127.0	5.9	0.001	0.26	4.89	4.7	2.9	0.5	42.8	0.01	0.30	34.7
E841396		0.63	24.3	2060	119.0	9.0	0.001	0.18	4.14	4.1	3.3	0.5	54.3	0.01	0.33	19.3
E841397		0.90	44.8	2190	106.5	6.4	0.001	0.30	3.75	8.7	4.3	0.7	75.6	0.01	0.41	25.5
E841398		1.59	53.6	1320	48.8	7.0	<0.001	0.15	2.08	5.6	2.4	0.4	37.3	0.01	0.26	29.5
E841399		1.06	104.0	1010	46.9	8.1	0.001	0.12	2.76	4.2	3.2	0.5	27.7	0.01	0.21	20.4
E841400		1.06	113.0	1170	51.2	10.2	0.001	0.11	2.41	4.4	3.5	0.5	27.8	0.01	0.25	15.7
E841401		0.76	62.9	1190	47.7	10.0	<0.001	0.13	3.03	2.7	2.5	0.5	16.7	0.01	0.19	16.0
E841402		1.05	33.8	990	22.4	8.5	<0.001	0.08	1.30	2.0	1.3	0.5	14.2	0.01	0.11	8.8
E841403		0.76	46.1	1020	30.1	10.4	<0.001	0.05	1.32	2.9	1.8	0.5	10.5	0.01	0.10	13.3
E841404		0.86	55.5	920	32.9	8.2	<0.001	0.09	1.66	2.7	1.7	0.4	15.9	0.01	0.12	14.1
E841405		0.94	46.8	1250	55.3	7.2	<0.001	0.08	1.60	2.6	2.2	0.5	15.7	0.01	0.18	4.0
E841406		0.77	60.9	1120	47.2	10.3	<0.001	0.09	2.10	2.5	2.4	0.7	21.9	0.01	0.18	4.5
E841407		0.74	31.4	900	19.0	18.2	<0.001	0.05	1.09	3.5	1.9	0.5	11.0	0.01	0.08	5.7
E841408		1.09	23.1	320	13.2	11.5	<0.001	0.01	0.68	2.9	0.7	0.5	8.7	0.01	0.06	7.4
E841409		0.88	37.8	600	24.6	8.8	<0.001	0.04	1.41	2.7	1.4	0.4	16.1	0.01	0.10	10.9
E841410		0.71	79.5	800	53.8	10.5	<0.001	0.08	5.06	3.1	2.6	0.4	12.5	0.01	0.16	31.8
E841411		0.69	79.6	1040	21.8	6.6	<0.001	0.09	2.21	2.6	3.1	0.9	16.4	0.01	0.16	10.9
E841412		1.08	121.5	1930	35.5	9.0	<0.001	0.15	5.55	4.1	5.0	0.6	29.7	0.01	0.42	27.9
E841413		0.93	52.1	1030	19.4	8.7	<0.001	0.08	3.02	2.1	1.9	0.4	18.6	0.01	0.20	11.1
E841414		1.10	75.3	1170	20.4	12.7	<0.001	0.08	2.65	2.3	2.4	0.5	21.9	0.01	0.16	15.3
E841415		0.52	81.6	640	78.9	7.3	<0.001	0.06	2.99	2.9	2.3	0.3	11.5	0.01	0.11	22.5
E841416		1.58	13.4	390	11.3	10.9	<0.001	0.01	1.32	1.3	0.5	0.8	7.7	0.01	0.11	7.3
E841417		0.90	55.5	950	23.9	12.8	<0.001	0.04	1.60	3.3	1.7	0.5	17.1	0.01	0.12	14.9
E841418		1.04	127.5	1490	30.1	7.8	<0.001	0.09	4.69	5.3	4.2	0.4	55.1	0.02	0.26	27.0
E841419		1.04	65.4	920	18.4	8.4	<0.001	0.09	2.97	2.9	3.0	0.4	102.0	0.02	0.12	30.4
E841420		0.67	9.3	620	10.2	11.2	<0.001	0.03	0.66	0.9	0.7	0.5	7.0	<0.01	0.07	1.2
E841421		1.18	24.0	590	24.9	14.3	<0.001	0.03	1.10	2.1	1.2	0.4	9.1	<0.01	0.12	12.4
E841422		1.19	32.6	500	22.0	12.2	<0.001	0.02	1.02	2.3	0.9	0.5	9.8	<0.01	0.09	12.1
E841423		0.83	20.3	590	23.7	10.4	<0.001	0.03	0.77	1.9	1.1	0.5	16.1	<0.01	0.11	6.1
E841424		0.48	14.5	650	15.8	8.8	<0.001	0.05	0.75	0.8	0.5	0.6	11.7	<0.01	0.08	0.4
E841425		1.34	14.2	280	20.3	8.2	<0.001	0.01	1.24	2.0	0.6	0.9	9.0	<0.01	0.10	4.4
E841426		0.72	37.7	670	28.9	14.4	<0.001	0.04	0.67	2.4	1.4	0.5	11.6	0.01	0.07	5.6
E841427		0.76	83.4	1230	71.3	13.5	0.001	0.11	2.65	3.5	3.6	0.5	21.0	0.01	0.17	14.1
E841428		1.13	75.1	940	52.2	7.2	0.001	0.10	3.09	3.6	2.7	0.6	22.4	0.02	0.20	24.0
E841429		0.62	24.8	1650	59.2	14.4	<0.001	0.13	1.75	2.5	2.1	0.6	22.9	0.01	0.19	11.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840900		0.007	0.30	4.29	15	0.38	18.65	63	3.3
E841391		0.023	0.19	6.66	32	0.24	13.70	149	<0.5
E841392		<0.005	<0.02	0.11	<1	<0.05	0.62	5	0.5
E841393		0.027	0.19	3.77	41	0.20	10.95	109	<0.5
E841394		0.031	0.21	17.40	29	0.24	20.80	164	0.9
E841395		0.033	0.19	14.60	30	0.22	22.70	150	1.7
E841396		0.028	0.30	10.10	31	0.46	20.70	134	0.7
E841397		0.026	0.24	9.06	31	0.72	30.50	190	0.6
E841398		0.023	0.19	6.04	24	0.34	25.20	197	1.6
E841399		0.025	0.15	4.94	29	0.59	43.00	283	1.1
E841400		0.030	0.21	4.77	37	0.88	46.90	257	1.5
E841401		0.026	0.14	5.29	29	1.40	34.20	194	1.1
E841402		0.024	0.13	1.74	27	0.39	10.95	127	0.9
E841403		0.025	0.12	2.46	30	0.20	19.90	160	1.4
E841404		0.025	0.10	3.38	24	0.29	22.10	191	0.8
E841405		0.033	0.15	3.08	38	0.41	18.25	144	<0.5
E841406		0.044	0.17	3.23	38	0.47	29.60	184	<0.5
E841407		0.023	0.18	2.13	40	0.22	29.50	107	0.7
E841408		0.038	0.12	0.90	42	0.20	4.91	72	1.4
E841409		0.028	0.13	1.93	29	0.36	15.55	104	1.2
E841410		0.014	0.12	5.99	21	0.92	34.40	354	1.5
E841411		0.019	0.15	5.00	27	0.34	42.00	188	0.9
E841412		0.032	0.20	12.50	23	0.71	52.40	282	1.4
E841413		0.021	0.16	3.72	31	0.34	24.20	137	0.6
E841414		0.022	0.14	4.92	24	0.20	34.80	217	0.8
E841415		0.022	0.09	4.70	21	0.54	38.70	320	2.0
E841416		0.023	0.12	0.89	42	0.19	5.54	59	<0.5
E841417		0.022	0.16	2.68	31	0.22	26.10	176	0.7
E841418		0.030	0.11	7.80	20	0.26	70.30	361	1.5
E841419		0.021	0.13	6.08	14	0.14	59.50	198	0.5
E841420		0.022	0.10	0.78	30	0.15	3.86	44	<0.5
E841421		0.019	0.13	3.35	32	0.19	5.84	80	1.2
E841422		0.032	0.12	1.48	33	0.17	9.70	103	1.0
E841423		0.017	0.14	2.14	36	0.18	8.71	66	0.6
E841424		0.016	0.10	0.63	40	0.16	3.17	91	<0.5
E841425		0.051	0.09	0.67	61	0.25	3.39	59	<0.5
E841426		0.019	0.16	1.87	33	0.24	16.85	120	0.6
E841427		0.030	0.18	5.39	28	0.47	68.90	266	0.9
E841428		0.024	0.10	5.31	22	0.41	39.40	212	1.3
E841429		0.018	0.15	3.78	28	0.23	15.45	131	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841430		0.76	0.013	0.84	2.33	118.5	<0.2	<10	50	1.43	3.29	0.01	0.10	214.00	10.4	42
E841431		0.26	0.006	0.33	1.57	34.2	<0.2	<10	40	0.67	1.02	0.04	0.19	68.90	10.4	20
E841432		0.24	0.005	0.25	1.71	27.6	<0.2	<10	250	0.86	0.55	0.60	0.14	52.80	17.9	24
E841433		0.36	0.006	0.19	1.24	13.1	<0.2	<10	340	0.74	0.45	0.90	0.21	49.50	12.9	18
E841434		0.36	0.006	0.22	1.57	23.8	<0.2	<10	200	1.39	0.80	0.69	0.32	156.00	26.2	17
E841435		0.36	<0.005	0.19	1.91	18.8	<0.2	<10	250	1.17	0.77	0.48	0.15	131.00	25.9	23
E841436		0.26	<0.005	0.10	2.07	15.1	<0.2	<10	150	1.05	0.58	0.10	0.22	106.00	35.5	24
E841437		0.34	<0.005	0.18	0.54	4.5	<0.2	<10	70	0.19	0.30	0.07	0.27	52.30	6.1	10
E841438		0.30	0.005	0.12	1.93	30.1	<0.2	<10	70	0.75	0.74	0.04	0.17	46.00	16.7	20
E841439		0.24	<0.005	0.15	1.36	52.8	<0.2	<10	190	0.80	0.89	0.11	0.29	51.80	17.5	19
E841440		0.24	<0.005	0.19	1.02	42.6	<0.2	<10	100	0.48	0.78	0.13	0.27	37.70	13.7	15
E841441		0.20	<0.005	0.09	1.78	19.1	<0.2	<10	440	1.58	0.59	0.17	0.15	84.30	17.8	18
E841442		0.30	<0.005	0.02	0.41	1.3	<0.2	<10	120	0.17	0.08	0.63	0.08	32.40	12.2	9
E841443		0.34	<0.005	0.18	1.79	152.5	<0.2	<10	190	0.88	1.60	0.23	0.13	57.40	24.4	23
E841444		0.22	<0.005	0.06	1.29	29.5	<0.2	<10	100	0.48	0.89	0.28	0.17	40.30	12.5	14
E841445		0.18	<0.005	0.13	1.95	254.0	<0.2	<10	100	0.80	1.63	0.90	0.22	37.00	11.6	20
E841446		0.26	<0.005	0.10	1.56	16.0	<0.2	<10	130	0.48	0.45	0.47	0.12	37.80	11.7	22
E841447		0.26	0.011	0.12	1.57	20.1	<0.2	<10	80	0.31	0.72	0.18	0.17	33.30	15.7	22
E841448		0.28	0.007	0.14	1.45	36.0	<0.2	<10	50	0.39	1.32	0.07	0.22	35.50	24.0	19
E841449		0.34	<0.005	0.18	1.56	30.2	<0.2	<10	190	0.79	0.94	0.32	0.29	57.10	16.2	20
E841450		0.24	<0.005	0.14	1.54	20.1	<0.2	<10	90	0.50	0.70	0.10	0.19	32.00	7.4	18
E841451		0.24	<0.005	0.10	1.51	13.2	<0.2	<10	80	0.42	0.43	0.10	0.11	26.40	6.4	17
E841452		0.26	<0.005	0.05	1.59	13.8	<0.2	<10	120	0.57	0.55	0.17	0.14	39.90	11.8	20
E841453		0.28	<0.005	0.08	1.44	16.5	<0.2	<10	150	0.77	1.28	0.27	0.22	63.20	19.7	18
E841454		0.28	<0.005	0.03	0.63	14.6	<0.2	<10	60	0.17	0.50	0.04	0.03	27.20	4.3	11
E841455		0.40	<0.005	0.12	1.52	16.4	<0.2	<10	90	0.68	1.42	0.09	0.16	42.20	18.4	18
E841456		0.40	<0.005	0.08	1.50	14.0	<0.2	<10	60	0.52	0.51	0.06	0.18	57.80	12.1	19
E841457		0.52	<0.005	0.09	1.37	14.9	<0.2	<10	80	0.70	0.79	0.07	0.27	104.00	19.6	16
E841458		0.28	<0.005	0.12	1.79	12.2	<0.2	<10	150	0.66	0.39	0.16	0.32	87.60	15.6	25
E841459		0.66	<0.005	0.05	0.96	14.3	<0.2	<10	40	0.43	0.58	0.05	0.09	66.70	13.3	12
E841460		0.28	<0.005	0.07	1.62	10.4	<0.2	<10	90	0.71	0.43	0.05	0.09	80.50	13.4	22
E841461		0.24	<0.005	0.09	2.45	12.3	<0.2	<10	130	0.88	0.33	0.12	0.24	62.50	17.5	28
E841462		0.20	<0.005	0.22	2.90	25.4	<0.2	<10	290	1.38	0.96	0.21	0.52	174.00	42.0	34
E841463		0.32	<0.005	0.15	1.81	13.6	<0.2	<10	200	0.95	0.52	0.24	0.34	92.80	19.7	25
E841464		0.40	<0.005	0.14	1.61	12.1	<0.2	<10	130	1.00	0.58	0.23	0.29	125.50	15.9	21
E841465		0.28	<0.005	0.23	1.95	26.1	<0.2	<10	120	2.05	1.33	0.13	0.45	205.00	57.0	24
E841466		0.36	<0.005	0.15	1.88	28.2	<0.2	<10	120	2.33	1.24	0.09	0.46	230.00	31.3	20
E841467		0.44	<0.005	0.17	1.95	48.4	<0.2	<10	130	2.56	2.60	0.05	0.37	142.00	30.4	19
E841468		0.32	<0.005	0.20	1.97	40.0	<0.2	<10	110	2.38	2.16	0.04	0.27	104.50	26.0	19
E841469		0.36	<0.005	0.21	1.76	28.3	<0.2	<10	110	1.12	0.98	0.07	0.27	44.10	16.0	19

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841430		6.30	206.0	12.80	7.71	0.34	0.05	0.03	0.127	0.05	130.0	27.0	0.43	404	15.15	0.04
E841431		1.85	87.5	4.70	5.50	0.11	0.04	0.10	0.060	0.04	34.2	11.7	0.21	223	4.55	<0.01
E841432		2.85	91.8	3.18	5.54	0.12	0.04	0.06	0.035	0.08	27.6	20.5	0.73	1575	3.44	0.02
E841433		2.10	41.2	2.71	4.08	0.09	0.04	0.06	0.036	0.05	23.9	12.3	0.47	1510	1.65	0.01
E841434		1.39	56.1	4.28	4.60	0.27	0.09	0.05	0.124	0.06	75.4	25.9	0.51	2680	2.98	0.01
E841435		2.40	129.0	3.59	5.90	0.28	0.08	0.04	0.046	0.06	80.1	27.9	0.59	993	2.45	0.01
E841436		2.29	28.3	4.02	5.54	0.14	0.05	0.04	0.041	0.06	40.7	27.2	0.35	1140	2.24	<0.01
E841437		1.88	8.4	2.11	3.00	0.09	<0.02	0.06	0.014	0.07	26.4	3.4	0.12	893	1.01	<0.01
E841438		2.10	18.9	3.86	5.51	0.10	0.04	0.04	0.037	0.07	19.6	18.3	0.17	855	1.49	<0.01
E841439		1.42	29.8	4.91	4.18	0.11	0.04	0.06	0.090	0.08	23.3	15.1	0.29	2020	3.17	<0.01
E841440		1.36	28.8	4.25	3.86	0.10	0.02	0.07	0.070	0.08	18.4	9.3	0.22	1600	3.23	<0.01
E841441		2.40	88.3	3.16	5.89	0.15	0.05	0.05	0.046	0.07	41.3	18.1	0.26	929	8.01	<0.01
E841442		0.08	3.7	4.89	1.71	0.10	0.04	0.02	0.037	0.02	16.6	1.2	0.12	8390	0.45	<0.01
E841443		2.63	83.2	4.54	5.07	0.15	0.08	0.08	0.063	0.08	33.6	7.5	0.46	2070	2.71	<0.01
E841444		1.42	23.3	3.59	4.00	0.09	0.04	0.04	0.065	0.05	16.0	13.6	0.21	1600	1.33	<0.01
E841445		1.80	24.5	4.81	5.69	0.13	0.05	0.05	0.196	0.06	22.0	14.4	0.41	2520	1.36	0.01
E841446		1.97	19.6	3.49	5.08	0.08	0.03	0.03	0.037	0.08	18.8	24.0	0.52	1095	1.34	0.01
E841447		1.51	19.7	4.30	5.69	0.09	<0.02	0.02	0.036	0.06	16.8	32.1	0.39	392	7.05	<0.01
E841448		0.99	38.7	6.36	7.57	0.12	<0.02	0.04	0.043	0.04	17.3	13.8	0.27	417	5.71	<0.01
E841449		1.51	47.5	3.69	4.72	0.11	0.05	0.05	0.052	0.09	24.7	12.2	0.38	1845	2.10	<0.01
E841450		1.98	25.8	3.46	6.67	0.08	0.02	0.03	0.031	0.06	15.9	17.6	0.21	246	3.04	<0.01
E841451		1.16	15.6	2.96	5.69	0.07	0.02	0.03	0.029	0.06	12.4	14.7	0.20	333	1.64	<0.01
E841452		1.92	19.0	3.01	5.33	0.09	0.03	0.03	0.034	0.07	19.9	18.1	0.37	920	1.30	<0.01
E841453		3.39	34.7	3.67	7.15	0.11	0.02	0.05	0.043	0.07	30.6	18.3	0.21	675	1.91	<0.01
E841454		1.43	6.3	2.39	4.71	0.07	<0.02	0.01	0.017	0.04	13.0	4.8	0.10	354	1.28	<0.01
E841455		3.33	33.1	3.36	4.78	0.09	0.03	0.04	0.036	0.06	19.5	12.5	0.25	506	1.36	<0.01
E841456		1.21	40.1	2.94	4.15	0.09	0.03	0.05	0.024	0.04	21.5	6.2	0.27	377	1.23	<0.01
E841457		1.61	44.5	3.00	4.03	0.12	0.03	0.05	0.024	0.05	33.8	13.8	0.27	980	1.45	<0.01
E841458		2.10	22.7	3.29	5.16	0.10	0.02	0.03	0.036	0.09	24.8	14.6	0.37	1025	1.27	<0.01
E841459		1.33	39.6	2.54	3.09	0.11	0.02	0.02	0.020	0.05	30.3	13.4	0.23	535	0.96	<0.01
E841460		2.27	56.9	3.02	4.84	0.12	0.03	0.03	0.031	0.07	33.1	19.6	0.52	1135	1.11	<0.01
E841461		1.86	43.0	2.84	4.48	0.08	0.07	0.07	0.037	0.06	16.6	18.9	0.52	1185	1.09	<0.01
E841462		3.66	89.6	4.41	7.93	0.23	0.08	0.06	0.063	0.11	60.7	30.0	0.50	1970	1.75	<0.01
E841463		2.40	60.3	3.12	5.42	0.14	0.05	0.06	0.039	0.07	37.5	17.1	0.53	1455	1.23	<0.01
E841464		2.45	37.2	3.29	5.78	0.17	0.03	0.04	0.040	0.07	51.9	21.6	0.43	1335	1.30	<0.01
E841465		3.54	120.0	4.11	6.10	0.30	0.07	0.07	0.068	0.07	69.8	28.9	0.46	1170	3.17	<0.01
E841466		2.72	83.8	3.86	5.80	0.22	0.06	0.03	0.065	0.05	90.0	30.7	0.45	972	3.82	<0.01
E841467		2.53	67.6	4.75	5.52	0.15	0.05	0.05	0.069	0.06	52.2	26.9	0.32	1265	4.05	0.01
E841468		2.37	60.9	4.44	5.29	0.14	0.07	0.05	0.066	0.05	44.0	27.2	0.29	824	3.76	<0.01
E841469		2.02	38.8	3.94	5.92	0.09	0.02	0.06	0.044	0.05	19.7	23.3	0.33	1010	3.10	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841430		1.20	30.7	3150	145.5	6.5	0.001	0.41	5.69	6.0	3.1	0.9	42.6	0.01	0.33	61.4
E841431		1.12	23.9	850	43.5	6.5	<0.001	0.07	1.33	2.3	1.7	0.6	10.9	0.01	0.16	8.5
E841432		0.91	30.6	710	19.4	24.4	0.001	0.03	0.52	4.9	1.3	0.5	31.6	<0.01	0.16	9.1
E841433		0.48	30.7	880	23.1	17.2	<0.001	0.07	0.46	3.8	1.3	0.6	24.1	<0.01	0.12	4.2
E841434		0.37	59.4	720	31.0	14.7	0.001	0.05	0.82	4.8	2.4	0.4	18.5	0.01	0.08	12.7
E841435		0.70	44.5	680	40.0	18.7	<0.001	0.03	0.81	4.9	2.3	0.4	17.7	0.01	0.11	12.1
E841436		0.89	53.9	380	25.8	20.2	<0.001	0.01	0.65	3.4	1.1	0.6	8.4	0.01	0.07	12.6
E841437		0.32	28.6	480	11.4	19.7	<0.001	0.03	0.51	1.2	0.6	0.8	4.6	<0.01	0.12	4.7
E841438		1.01	14.7	280	23.6	19.9	<0.001	0.01	0.73	3.3	0.9	0.6	4.8	0.01	0.10	13.8
E841439		0.69	24.9	570	23.6	16.0	<0.001	0.03	0.98	3.9	1.1	0.4	8.2	<0.01	0.09	11.2
E841440		0.68	21.9	600	20.6	15.8	<0.001	0.04	0.97	3.1	0.9	0.4	6.5	<0.01	0.09	8.4
E841441		0.65	17.6	380	24.2	19.0	<0.001	0.01	0.51	4.0	1.1	0.6	8.9	<0.01	0.15	16.3
E841442		0.07	24.6	640	4.7	1.7	<0.001	0.02	0.14	7.4	0.6	<0.2	15.5	<0.01	0.02	10.5
E841443		0.68	30.2	450	23.2	18.5	<0.001	0.01	1.35	5.2	1.6	0.4	9.8	0.01	0.11	12.0
E841444		0.52	15.0	340	16.5	11.0	<0.001	0.02	0.88	2.3	0.9	0.3	7.2	0.01	0.07	8.0
E841445		0.52	19.2	720	22.3	14.7	<0.001	0.05	0.80	3.7	1.3	0.5	17.0	0.01	0.09	3.5
E841446		0.63	21.2	320	15.2	18.2	<0.001	0.02	0.61	3.1	0.8	0.5	14.8	<0.01	0.05	6.0
E841447		0.77	24.3	340	59.8	17.2	<0.001	0.02	1.63	2.4	0.8	0.5	15.8	<0.01	0.08	4.3
E841448		1.84	29.4	570	66.5	9.3	<0.001	0.03	2.03	1.9	1.1	0.6	6.3	0.01	0.16	6.9
E841449		0.59	27.4	700	26.0	18.2	<0.001	0.03	1.04	3.6	1.1	0.4	15.7	0.01	0.09	8.1
E841450		0.89	15.2	390	20.9	13.0	<0.001	0.02	1.28	2.3	0.8	0.6	9.9	<0.01	0.09	5.4
E841451		0.87	13.6	330	21.5	9.2	<0.001	0.02	0.79	2.0	0.7	0.9	7.9	<0.01	0.06	4.1
E841452		0.58	18.2	350	17.5	18.5	<0.001	0.01	0.53	2.9	0.7	0.6	10.2	<0.01	0.06	5.4
E841453		0.62	27.3	610	21.3	17.5	<0.001	0.02	1.25	2.8	1.1	0.7	14.6	<0.01	0.10	5.1
E841454		0.78	5.6	150	15.8	15.9	<0.001	<0.01	0.58	1.1	0.3	0.8	4.8	<0.01	0.06	4.0
E841455		1.22	28.5	450	16.1	19.3	<0.001	0.02	0.93	2.4	0.8	0.7	8.2	<0.01	0.07	8.7
E841456		0.80	21.2	680	20.1	9.3	<0.001	0.02	0.70	1.7	0.9	1.1	5.5	0.01	0.04	11.8
E841457		0.85	23.4	700	21.9	10.8	<0.001	0.02	0.76	2.0	1.0	1.5	6.0	0.01	0.05	15.6
E841458		0.87	24.4	430	25.5	18.4	<0.001	0.03	0.74	2.9	0.8	0.5	13.1	<0.01	0.05	7.2
E841459		0.42	21.2	410	8.1	7.6	<0.001	0.01	0.54	1.6	0.5	0.6	3.2	0.01	0.02	18.1
E841460		0.65	23.3	350	14.4	16.7	<0.001	0.02	0.51	3.3	0.8	0.6	6.1	<0.01	0.05	7.5
E841461		0.88	27.9	370	21.0	14.4	<0.001	0.02	0.68	4.1	0.9	0.7	10.8	0.01	0.04	8.2
E841462		1.17	58.8	440	54.9	25.8	<0.001	0.01	0.90	6.1	2.1	0.6	12.2	0.01	0.09	19.1
E841463		0.74	36.5	440	21.5	20.7	<0.001	0.03	0.69	4.0	1.0	0.9	12.8	<0.01	0.07	7.3
E841464		0.72	25.9	600	47.3	22.1	<0.001	0.03	0.65	2.9	1.2	0.9	10.4	<0.01	0.07	6.3
E841465		0.69	83.1	720	50.3	12.2	<0.001	0.03	1.69	4.9	2.4	0.5	12.6	0.01	0.13	17.0
E841466		0.45	60.0	830	52.0	11.3	<0.001	0.05	1.77	3.5	1.8	0.5	14.6	0.01	0.13	21.0
E841467		0.59	54.1	900	38.5	14.3	<0.001	0.07	2.08	2.8	1.3	2.0	14.8	<0.01	0.15	14.1
E841468		0.63	49.8	720	36.1	13.6	<0.001	0.05	1.66	2.6	1.2	1.2	12.9	0.01	0.12	13.7
E841469		0.63	20.8	880	76.8	11.4	<0.001	0.05	1.36	1.9	0.8	1.8	9.7	<0.01	0.11	7.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841430		0.058	0.19	18.00	30	0.24	18.40	200	1.3
E841431		0.019	0.12	3.82	36	0.22	8.73	95	0.9
E841432		0.053	0.24	6.89	34	0.25	12.80	80	0.9
E841433		0.024	0.15	3.63	27	0.08	10.50	94	0.8
E841434		0.013	0.10	9.40	23	0.13	27.50	122	1.4
E841435		0.020	0.13	7.62	31	0.18	30.40	113	1.4
E841436		0.016	0.13	4.09	36	0.17	8.66	126	1.2
E841437		0.023	0.10	1.11	25	0.09	2.43	42	<0.5
E841438		0.012	0.15	3.88	34	0.27	4.50	62	1.1
E841439		0.016	0.14	2.88	26	0.16	7.30	123	0.9
E841440		0.017	0.12	2.10	25	0.15	4.79	113	<0.5
E841441		0.009	0.14	4.74	36	0.17	9.39	52	1.2
E841442		<0.005	0.02	0.91	11	<0.05	7.36	13	0.8
E841443		0.019	0.17	13.50	29	0.19	20.20	109	1.6
E841444		0.010	0.15	2.63	22	0.14	7.72	147	0.8
E841445		0.019	0.51	2.04	31	0.14	16.35	57	0.9
E841446		0.030	0.15	2.49	35	0.15	7.70	72	0.9
E841447		0.024	0.17	1.33	47	0.15	3.69	118	<0.5
E841448		0.066	0.11	1.18	53	0.24	5.59	109	<0.5
E841449		0.024	0.14	1.55	35	0.21	10.50	76	1.1
E841450		0.026	0.14	1.04	52	0.22	3.45	67	0.5
E841451		0.025	0.10	0.73	45	0.20	2.67	60	0.6
E841452		0.021	0.14	0.93	40	0.16	5.46	55	0.6
E841453		0.018	0.14	1.20	45	0.19	7.44	91	0.5
E841454		0.031	0.11	0.48	36	0.15	1.93	20	<0.5
E841455		0.018	0.13	1.07	37	0.20	6.02	51	0.6
E841456		0.016	0.09	1.68	27	0.38	5.27	59	0.7
E841457		0.014	0.11	2.42	24	0.20	7.00	65	0.5
E841458		0.037	0.17	1.33	43	0.16	4.89	134	0.5
E841459		0.007	0.05	2.06	13	0.12	4.93	37	0.6
E841460		0.038	0.17	1.63	28	0.17	9.23	53	0.5
E841461		0.046	0.14	1.25	36	0.18	5.65	65	1.9
E841462		0.031	0.22	4.55	49	0.24	24.20	203	1.5
E841463		0.046	0.17	1.76	39	0.20	15.40	73	0.9
E841464		0.040	0.16	1.79	37	0.35	15.15	78	<0.5
E841465		0.031	0.15	4.75	36	0.40	35.30	218	0.9
E841466		0.018	0.13	4.50	28	0.30	24.80	193	0.9
E841467		0.014	0.12	4.80	28	0.17	12.30	170	1.1
E841468		0.014	0.12	3.99	29	0.20	9.95	139	1.7
E841469		0.021	0.13	2.35	33	0.17	4.66	111	<0.5

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841470		0.44	<0.005	0.17	1.80	22.0	<0.2	<10	70	1.20	1.21	0.04	0.31	144.00	25.3	19
E841471		0.38	<0.005	0.16	0.86	29.0	<0.2	<10	130	0.67	1.09	3.16	0.27	62.40	17.5	11
E841612		0.38	<0.005	0.04	1.19	19.9	<0.2	<10	30	0.92	0.90	0.10	0.03	67.80	28.4	12
E841613		0.44	<0.005	0.04	0.97	14.0	<0.2	<10	100	0.92	0.69	0.14	0.19	70.40	18.9	14
E841614		0.50	<0.005	0.04	0.90	13.7	<0.2	<10	100	0.96	0.45	0.13	0.18	65.90	15.9	12
E841615		0.32	<0.005	0.09	0.79	19.1	<0.2	<10	50	0.30	0.74	0.02	0.09	36.70	8.8	10
E841616		0.14	<0.005	0.13	0.59	18.0	<0.2	<10	50	0.20	0.62	0.05	0.18	24.50	6.9	8
E841617		0.34	<0.005	0.04	1.66	15.3	<0.2	<10	60	0.71	0.42	0.08	0.14	35.90	15.7	22
E841618		0.14	0.007	0.07	0.51	17.0	<0.2	<10	40	0.23	0.52	0.04	0.04	19.95	6.1	7
E841619		0.40	NSS	0.07	1.52	18.3	<0.2	<10	40	0.68	0.57	0.05	0.12	35.10	13.2	18
E841620		0.48	0.007	0.04	0.92	22.5	<0.2	<10	100	0.94	0.57	0.14	0.21	44.80	20.2	12
E841621(B)		0.02	<0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.51	0.2	<1
E841622		0.44	<0.005	0.07	1.16	24.9	<0.2	<10	90	1.09	0.70	0.09	0.20	45.40	26.9	13
E841623		0.28	<0.005	0.07	1.48	27.5	<0.2	<10	180	1.43	0.72	0.21	0.27	39.40	28.2	18
E841624		0.40	<0.005	0.04	1.57	26.8	<0.2	<10	80	1.16	0.83	0.04	0.19	46.90	28.0	17
E841625		0.40	<0.005	0.09	1.16	25.7	<0.2	<10	140	1.00	0.73	0.11	0.30	32.20	29.4	13
E841626		0.28	<0.005	0.04	1.22	13.3	<0.2	<10	90	0.79	0.44	0.15	0.22	35.30	17.3	18
E841627		0.16	0.025	0.36	0.43	9.9	<0.2	<10	170	0.29	0.58	0.21	0.29	21.10	12.1	9
E841628		0.30	<0.005	0.08	0.89	13.3	<0.2	<10	80	0.36	0.59	0.05	0.10	37.80	9.0	15
E841629		0.32	0.026	0.06	0.78	16.5	<0.2	<10	50	0.28	0.67	0.07	0.17	32.70	8.4	15
E841630		0.46	<0.005	0.09	1.75	26.6	<0.2	<10	70	1.03	0.67	0.07	0.14	60.40	41.7	21
E841631		0.34	0.010	0.29	1.80	110.5	<0.2	<10	200	3.47	1.18	0.20	0.26	35.80	78.1	16
E841632		0.42	0.079	0.35	1.69	154.5	<0.2	<10	770	1.81	1.45	0.22	0.08	48.40	342.0	20
E841633		0.44	0.180	5.37	1.86	32.3	<0.2	<10	280	1.84	9.56	1.11	0.11	44.30	67.9	20
E841634		0.26	0.027	0.22	2.19	14.4	<0.2	<10	290	1.98	0.72	1.04	0.11	43.10	44.8	23
E841635		0.16	0.024	0.08	1.04	14.5	<0.2	<10	170	1.09	0.32	1.21	0.16	122.00	26.0	11
E841636		0.34	0.043	0.30	1.72	11.9	<0.2	<10	230	1.68	1.38	0.62	0.24	92.80	27.8	18
E841637		0.24	0.029	0.15	1.64	11.7	<0.2	<10	170	1.27	0.61	0.82	0.36	61.60	27.9	18
E841638		0.26	0.031	0.17	1.72	11.8	<0.2	<10	180	1.34	0.61	0.84	0.34	66.80	29.4	19
E841639		0.26	0.017	0.19	2.52	8.7	<0.2	<10	90	1.30	0.41	0.34	0.07	77.90	27.7	31

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841470		1.91	56.9	3.99	5.27	0.13	0.07	0.04	0.045	0.05	35.5	31.2	0.33	859	2.18	<0.01
E841471		0.89	45.3	4.59	2.63	0.14	0.06	0.03	0.144	0.04	29.0	12.9	1.71	4100	2.13	0.01
E841612		0.82	44.6	2.22	3.18	0.10	0.04	0.02	0.016	0.04	29.8	14.2	0.46	491	1.93	<0.01
E841613		0.81	49.1	2.36	2.94	0.12	0.04	0.02	0.020	0.05	31.7	11.4	0.34	759	1.71	<0.01
E841614		0.67	40.8	2.12	2.76	0.11	0.07	0.01	0.020	0.04	30.6	12.4	0.35	650	1.55	<0.01
E841615		1.17	27.4	2.46	4.89	0.07	<0.02	0.07	0.027	0.05	17.0	2.2	0.14	500	2.59	<0.01
E841616		0.90	26.6	1.52	3.52	0.05	0.02	0.16	0.022	0.05	11.3	0.8	0.06	274	2.78	<0.01
E841617		0.89	31.4	2.94	4.20	0.07	0.06	0.03	0.032	0.04	15.4	12.1	0.40	483	1.36	<0.01
E841618		0.83	22.0	1.38	2.46	<0.05	0.02	0.08	0.027	0.04	9.3	1.4	0.06	261	2.13	0.01
E841619		0.93	35.4	2.67	4.36	0.08	0.13	0.12	0.033	0.05	14.5	13.9	0.67	708	1.69	<0.01
E841620		0.86	42.5	2.57	2.75	0.10	0.05	0.03	0.024	0.05	20.8	11.2	0.35	1140	1.59	<0.01
E841621(B)		<0.05	0.8	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.1	<0.01	<5	0.09	<0.01
E841622		0.96	49.3	2.96	3.14	0.10	0.07	0.07	0.042	0.07	20.3	11.2	0.37	1800	1.76	<0.01
E841623		1.28	53.3	3.52	4.17	0.10	0.05	0.04	0.065	0.07	18.2	14.3	0.43	2150	1.81	0.01
E841624		1.22	57.7	3.35	3.73	0.10	0.08	0.03	0.035	0.06	21.0	15.8	0.45	1090	2.14	<0.01
E841625		1.08	35.2	3.45	3.90	0.08	0.04	0.06	0.054	0.08	14.1	6.8	0.30	3080	1.79	<0.01
E841626		0.77	26.5	2.70	4.00	0.10	0.05	0.03	0.024	0.05	16.9	15.2	0.76	683	1.04	<0.01
E841627		1.04	18.1	1.63	3.30	0.05	<0.02	0.12	0.019	0.08	10.7	1.6	0.18	1175	2.31	0.01
E841628		1.11	17.8	3.18	6.91	0.07	<0.02	0.05	0.025	0.07	19.4	4.9	0.22	403	2.13	<0.01
E841629		0.79	21.1	3.81	7.85	0.06	<0.02	0.06	0.027	0.06	17.1	3.4	0.17	444	2.65	<0.01
E841630		0.99	91.7	3.84	5.26	0.12	0.06	0.05	0.033	0.07	29.9	15.0	0.68	972	2.93	<0.01
E841631		1.34	537.0	7.64	4.70	0.16	0.13	0.04	0.176	0.07	15.1	10.7	0.54	4870	4.29	0.01
E841632		1.02	1305.0	5.52	6.32	0.16	0.15	0.05	0.096	0.07	28.5	21.8	1.13	3940	18.35	<0.01
E841633		1.18	234.0	5.80	6.25	0.16	0.13	0.45	0.129	0.09	23.0	27.7	1.88	4690	3.03	<0.01
E841634		2.13	79.7	3.79	8.55	0.14	0.06	0.07	0.082	0.14	23.2	30.0	2.51	2050	1.42	0.01
E841635		0.95	96.0	3.21	3.92	0.18	0.09	0.11	0.096	0.06	61.1	10.0	0.58	3530	1.43	0.01
E841636		1.63	110.5	4.92	5.77	0.20	0.08	0.11	0.109	0.07	49.5	15.0	0.91	5780	1.33	<0.01
E841637		1.53	56.8	4.61	5.34	0.13	0.08	0.08	0.090	0.07	33.8	13.8	0.81	3750	1.54	0.01
E841638		1.74	61.8	4.83	5.64	0.15	0.08	0.07	0.099	0.07	36.0	14.0	0.82	4040	1.56	0.01
E841639		3.38	34.9	5.63	9.76	0.15	0.04	0.04	0.077	0.12	39.9	34.3	2.07	1215	1.44	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07070663

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841470		0.76	34.5	710	54.9	9.8	<0.001	0.03	1.45	2.3	1.2	1.2	5.8	0.01	0.10	19.0
E841471		0.36	30.0	670	31.2	6.1	<0.001	0.05	1.30	2.5	1.1	0.6	24.0	0.01	0.07	8.4
E841612		0.11	17.1	440	7.8	4.8	<0.001	0.01	0.69	1.0	0.5	2.7	3.8	<0.01	0.06	16.6
E841613		0.25	21.7	600	7.1	5.5	<0.001	0.01	0.71	1.7	0.5	0.9	8.0	<0.01	0.05	17.1
E841614		0.19	20.5	600	6.8	4.9	<0.001	<0.01	0.66	1.8	0.5	1.4	7.8	<0.01	0.04	18.6
E841615		0.30	8.9	840	6.7	9.3	<0.001	0.08	0.81	0.8	0.7	0.5	3.2	<0.01	0.09	1.1
E841616		0.37	7.6	1140	4.2	5.9	<0.001	0.11	0.80	0.9	0.7	0.4	3.6	<0.01	0.08	1.5
E841617		0.81	23.6	470	9.7	6.8	<0.001	0.02	0.77	2.3	0.7	0.4	8.1	0.01	0.07	6.2
E841618		0.29	7.0	820	6.3	6.7	<0.001	0.09	0.55	0.9	0.8	0.3	4.6	<0.01	0.05	1.2
E841619		0.24	17.3	1460	11.3	7.3	<0.001	0.07	0.70	1.2	1.6	0.7	4.2	<0.01	0.14	3.2
E841620		0.22	22.3	550	6.6	5.6	<0.001	0.01	0.74	1.8	0.8	1.6	8.3	<0.01	0.05	13.5
E841621(B)		<0.05	0.4	10	0.6	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.4
E841622		0.23	22.3	680	11.3	7.8	<0.001	0.03	0.68	1.8	0.9	2.9	5.9	<0.01	0.08	11.5
E841623		0.33	24.5	780	10.5	12.0	<0.001	0.04	0.78	2.3	1.0	0.3	12.5	<0.01	0.06	6.1
E841624		0.30	30.4	410	6.7	8.8	<0.001	0.01	0.89	1.4	0.8	0.6	4.7	<0.01	0.06	8.6
E841625		0.21	16.7	1160	9.4	10.5	<0.001	0.09	0.68	0.9	0.8	1.9	5.6	<0.01	0.07	2.5
E841626		0.38	22.8	710	4.9	8.0	<0.001	0.02	0.63	2.1	0.6	0.3	9.3	<0.01	0.05	7.5
E841627		0.23	8.4	1600	6.4	14.9	<0.001	0.16	0.61	0.8	0.9	0.4	7.8	<0.01	0.16	0.4
E841628		0.46	10.5	640	7.4	17.3	<0.001	0.05	0.79	1.1	0.7	0.6	4.8	<0.01	0.08	1.1
E841629		0.50	10.2	800	8.2	12.1	<0.001	0.07	0.80	0.9	0.6	0.7	4.3	<0.01	0.09	0.6
E841630		0.40	29.0	1010	8.4	12.5	<0.001	0.04	0.85	2.7	1.0	1.2	5.4	<0.01	0.10	11.3
E841631		0.35	82.2	1000	10.3	8.1	<0.001	0.07	1.52	5.0	1.8	0.4	9.0	0.01	0.19	13.2
E841632		0.13	93.8	750	7.6	8.4	<0.001	0.09	1.20	7.7	6.0	0.6	9.4	<0.01	0.55	17.6
E841633		0.15	75.2	780	74.9	11.3	<0.001	0.04	0.91	8.4	4.3	0.5	8.0	<0.01	3.27	20.1
E841634		0.58	44.7	940	8.3	28.6	<0.001	0.08	0.57	6.1	1.8	0.8	8.6	<0.01	0.16	7.1
E841635		0.19	29.2	1640	6.7	10.6	<0.001	0.12	0.56	4.2	2.1	0.3	9.5	0.01	0.10	5.8
E841636		0.26	35.6	1350	10.7	16.9	<0.001	0.08	0.69	5.6	2.9	0.4	8.7	0.01	0.35	6.1
E841637		0.27	35.1	1900	13.5	18.7	<0.001	0.11	0.69	7.8	2.1	0.4	9.9	0.01	0.15	5.2
E841638		0.28	36.5	1900	12.8	17.8	<0.001	0.11	0.69	8.1	2.2	0.4	10.4	0.01	0.16	5.0
E841639		0.46	44.4	1220	10.6	34.1	<0.001	0.08	0.58	4.5	0.9	0.9	6.9	0.01	0.09	3.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841470		0.012	0.11	3.04	22	0.18	11.60	138	1.6
E841471		0.019	0.11	2.55	16	0.13	14.00	109	1.7
E841612		<0.005	0.03	2.38	9	<0.05	5.55	23	1.2
E841613		0.018	0.05	2.60	18	0.08	8.07	42	1.6
E841614		0.017	0.05	2.45	16	0.07	7.57	38	3.3
E841615		0.014	0.10	1.64	26	0.10	2.82	26	<0.5
E841616		0.010	0.08	1.50	25	0.10	1.99	29	0.6
E841617		0.045	0.08	1.30	38	0.17	4.45	46	1.6
E841618		0.013	0.06	1.39	18	0.07	2.36	16	0.5
E841619		0.012	0.10	1.99	21	0.10	4.74	32	2.9
E841620		0.017	0.06	2.25	18	0.09	8.35	34	1.8
E841621(B)		<0.005	<0.02	0.10	<1	<0.05	0.63	8	0.5
E841622		0.011	0.09	2.62	15	0.08	9.60	39	1.6
E841623		0.017	0.12	3.25	25	0.12	13.20	49	1.2
E841624		0.015	0.09	1.88	20	0.10	5.88	37	2.3
E841625		0.012	0.12	1.97	18	0.06	5.52	38	0.8
E841626		0.031	0.06	2.05	25	0.13	5.26	33	1.4
E841627		0.013	0.08	2.53	22	0.13	1.83	21	<0.5
E841628		0.028	0.10	1.22	40	0.24	2.25	31	<0.5
E841629		0.025	0.08	1.22	42	0.23	1.84	31	<0.5
E841630		0.022	0.10	3.07	26	0.20	6.07	47	1.5
E841631		0.017	0.09	3.57	24	0.25	20.70	40	3.8
E841632		0.017	0.07	6.07	29	0.52	22.70	37	4.6
E841633		0.024	0.06	4.25	27	0.39	30.20	41	3.0
E841634		0.046	0.08	6.52	36	0.33	17.75	39	1.2
E841635		0.014	0.06	3.21	16	0.16	28.40	31	1.5
E841636		0.027	0.10	8.51	28	0.25	37.10	42	1.1
E841637		0.022	0.10	7.90	27	0.23	27.00	74	1.2
E841638		0.023	0.10	7.67	29	0.29	29.80	73	1.3
E841639		0.051	0.11	4.29	48	0.38	15.50	51	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 22-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071208

Project: Werneckes

P.O. No.: FRG07-01

This report is for 173 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841641		0.40	0.019	0.13	1.20	36.2	<0.2	<10	80	0.68	1.05	0.94	0.07	41.90	37.4	17
E841642		0.08	0.008	0.12	0.53	10.5	<0.2	<10	60	0.18	0.30	2.18	0.12	11.85	6.0	8
E841643		0.18	0.010	0.13	0.38	12.4	<0.2	<10	100	0.30	0.29	2.85	0.15	46.40	7.4	5
E841644		0.12	0.023	0.05	0.17	5.2	<0.2	<10	30	0.11	0.11	2.78	0.12	6.03	2.6	3
E841645		0.42	0.010	0.07	1.14	49.7	<0.2	<10	110	0.63	0.82	2.51	0.03	39.70	24.9	18
E841646		0.28	0.026	0.22	0.79	56.1	<0.2	<10	50	0.60	2.30	0.13	0.08	27.10	20.0	13
E841647		0.20	0.044	0.33	1.15	21.4	<0.2	<10	170	0.59	1.12	1.38	0.11	47.20	83.1	101
E841648		0.28	0.009	0.08	1.52	15.6	<0.2	<10	100	0.70	0.67	0.22	0.16	37.90	22.9	19
E841649		0.28	0.005	0.07	1.82	15.1	<0.2	<10	90	1.16	0.52	0.63	0.12	33.20	18.3	19
E841650		0.02	0.006	0.01	0.01	0.3	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.07	0.1	<1
E841651		0.36	0.012	0.05	1.30	16.9	<0.2	<10	110	0.69	0.60	0.37	0.15	38.70	16.0	20
E841652		0.36	0.010	0.13	1.33	18.3	<0.2	<10	110	0.88	0.64	0.85	0.13	32.80	15.8	19
E841653		0.18	0.032	0.11	0.62	8.1	<0.2	<10	110	0.38	0.32	3.05	0.20	10.75	8.8	8
E841654		0.22	<0.005	0.14	1.24	27.5	<0.2	<10	140	0.52	0.65	1.11	0.20	28.70	16.5	20
E841655		0.28	0.005	0.12	1.52	31.0	<0.2	<10	170	0.78	0.73	0.89	0.16	39.20	22.2	22
E841656		0.28	0.235	0.10	1.43	45.3	<0.2	<10	180	0.76	0.80	0.98	0.13	34.70	24.5	20
E841657		0.44	0.007	0.19	1.62	18.7	<0.2	<10	250	0.79	0.63	0.53	0.38	43.80	17.1	27
E841658		0.32	<0.005	0.19	1.77	18.1	<0.2	<10	240	0.76	0.67	0.76	0.28	40.50	16.9	28
E841659		0.24	<0.005	0.12	1.09	19.1	<0.2	<10	190	0.57	0.65	1.69	0.15	33.40	15.7	18
E841660		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.15	0.1	<1
E841661		0.32	0.005	0.09	1.36	26.0	<0.2	<10	170	0.83	0.78	0.77	0.19	49.90	20.3	20
E841662		0.28	0.009	0.07	1.83	43.9	<0.2	<10	210	0.84	0.87	0.25	0.13	44.70	26.2	28
E841663		0.22	0.011	0.18	1.45	87.9	<0.2	<10	180	0.77	0.92	1.52	0.25	31.90	21.3	19
E841664		0.34	<0.005	0.06	1.56	5.9	<0.2	<10	90	0.40	0.37	0.23	0.08	64.40	23.4	34
E841665		0.22	<0.005	0.03	1.81	15.3	<0.2	<10	90	0.55	0.55	0.07	0.06	26.80	12.7	27
840357		0.22	<0.005	0.07	0.79	15.2	<0.2	<10	80	0.26	1.07	0.04	0.08	24.90	9.7	14
840358		0.42	<0.005	0.03	1.11	14.4	<0.2	<10	80	0.40	0.96	0.03	0.20	22.90	9.3	16
840359		0.42	<0.005	0.04	0.83	16.2	<0.2	<10	90	0.43	0.81	0.13	0.10	22.10	13.6	14
840360		0.34	<0.005	0.07	0.84	17.9	<0.2	<10	60	0.32	1.11	0.03	0.09	22.90	18.5	12
840361		0.38	<0.005	0.07	1.37	13.7	<0.2	<10	70	0.69	0.64	0.04	0.17	28.40	18.1	16
840362		0.58	<0.005	0.05	0.89	42.6	<0.2	<10	240	0.84	1.40	0.10	0.17	35.20	58.7	12
840363		0.12	0.007	0.08	0.67	35.7	<0.2	<10	830	0.40	4.02	0.70	0.13	33.60	68.8	11
840364		0.26	0.017	0.11	0.56	23.7	<0.2	<10	1950	0.42	1.35	1.15	0.17	25.00	64.1	8
840365		0.32	0.006	0.17	0.85	28.7	<0.2	<10	1280	0.69	1.15	1.49	0.16	15.40	29.3	12
840366		0.22	0.024	0.08	0.69	14.5	<0.2	<10	1700	0.53	1.20	1.23	0.20	22.50	31.0	8
840367		0.24	<0.005	0.05	1.40	8.3	<0.2	<10	840	0.45	0.62	0.72	0.20	28.50	26.1	16
840368		0.26	0.007	0.09	1.60	11.6	<0.2	<10	210	0.53	0.55	1.32	0.21	16.05	19.7	18
840369		0.08	0.006	0.32	1.51	5.1	<0.2	<10	130	0.59	0.38	2.26	0.18	14.25	17.5	17
840370		0.16	0.008	0.08	1.74	7.2	<0.2	<10	240	0.80	0.40	1.60	0.24	19.75	32.7	18
840371		0.24	<0.005	0.05	0.92	3.4	<0.2	<10	100	0.21	0.24	0.21	0.11	41.80	7.8	14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841641		0.81	64.0	4.56	4.03	0.08	0.05	0.06	0.061	0.05	24.3	17.0	0.73	1950	1.65	0.01
E841642		0.62	28.4	1.27	1.94	<0.05	0.03	0.11	0.020	0.04	6.8	6.3	0.40	333	0.88	0.01
E841643		0.32	55.7	0.90	1.19	0.08	0.04	0.08	0.017	0.02	45.3	3.4	0.46	951	0.86	0.01
E841644		0.16	27.7	0.41	0.57	<0.05	0.03	0.07	0.006	0.02	4.3	1.8	0.46	296	0.74	<0.01
E841645		0.79	72.7	3.67	3.58	0.08	0.07	0.02	0.043	0.14	21.3	14.5	1.86	1625	1.22	0.01
E841646		1.28	210.0	4.29	4.26	0.06	<0.02	0.04	0.036	0.05	14.4	11.3	0.25	643	2.99	<0.01
E841647		0.77	29.2	6.72	4.05	0.10	0.03	0.08	0.075	0.04	29.5	22.2	0.53	2710	11.85	0.01
E841648		2.26	24.0	4.22	5.30	0.08	0.04	0.06	0.071	0.09	18.3	32.1	0.87	1535	3.06	0.01
E841649		2.59	33.4	3.64	5.53	0.10	0.05	0.03	0.057	0.13	17.8	37.1	1.60	1750	1.23	0.01
E841650		<0.05	0.8	0.02	0.05	<0.05	<0.02	0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	0.05	<0.01
E841651		1.22	50.8	3.59	4.27	0.09	0.07	0.02	0.049	0.09	18.7	22.1	0.94	1655	1.16	<0.01
E841652		1.52	45.9	3.91	4.30	0.12	0.04	0.04	0.070	0.08	17.7	26.7	1.11	1535	1.14	<0.01
E841653		0.72	44.7	1.43	1.96	0.07	0.03	0.06	0.044	0.04	6.0	8.8	0.72	1145	0.42	0.01
E841654		1.15	41.7	2.98	4.04	0.09	0.06	0.04	0.041	0.10	14.4	18.4	0.92	1085	1.38	<0.01
E841655		1.25	69.8	3.69	4.84	0.11	0.06	0.04	0.048	0.12	20.8	22.1	1.25	1495	1.30	<0.01
E841656		1.10	57.0	3.55	4.62	0.10	0.06	0.03	0.048	0.10	17.7	20.7	1.05	1435	1.25	<0.01
E841657		1.51	65.8	3.25	5.25	0.12	0.11	0.05	0.035	0.13	22.4	24.6	0.91	917	1.18	<0.01
E841658		1.45	61.1	3.13	5.72	0.10	0.08	0.04	0.040	0.13	20.9	27.8	1.01	749	1.08	<0.01
E841659		1.11	57.8	2.77	3.54	0.11	0.04	0.04	0.039	0.06	16.5	21.3	0.89	1535	1.72	<0.01
E841660		<0.05	0.7	0.02	0.05	<0.05	<0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.05	<0.01
E841661		1.22	47.0	3.57	4.45	0.10	0.06	0.02	0.057	0.07	22.3	25.1	0.94	2030	1.34	<0.01
E841662		1.63	50.3	4.15	6.05	0.11	0.05	0.03	0.052	0.11	21.5	26.0	0.97	1940	1.48	<0.01
E841663		1.26	70.5	4.39	4.42	0.11	0.04	0.06	0.061	0.08	19.1	19.5	1.04	3020	1.40	<0.01
E841664		0.68	20.0	6.59	6.84	0.13	<0.02	0.04	0.063	0.06	31.2	19.4	0.78	3880	0.76	<0.01
E841665		1.59	18.4	4.54	8.15	0.09	0.02	0.04	0.040	0.07	14.2	27.0	0.58	788	1.46	<0.01
840357		1.89	15.4	2.47	4.97	0.06	<0.02	0.07	0.049	0.04	12.8	3.5	0.07	1505	1.50	<0.01
840358		1.54	15.7	2.71	5.24	0.07	0.02	0.05	0.041	0.04	11.7	9.1	0.14	1600	1.26	<0.01
840359		1.61	24.8	2.37	3.17	0.06	0.02	0.04	0.045	0.05	11.1	7.8	0.20	1715	1.25	<0.01
840360		2.70	40.0	3.07	4.49	0.07	<0.02	0.07	0.059	0.05	11.9	5.1	0.11	3050	1.78	<0.01
840361		2.48	39.1	3.65	5.28	0.08	0.03	0.07	0.121	0.05	14.0	13.7	0.16	3170	1.70	<0.01
840362		1.33	64.2	3.62	3.24	0.09	0.03	0.12	0.176	0.06	16.7	6.9	0.17	4010	3.28	<0.01
840363		0.92	53.9	4.46	2.21	0.10	0.05	0.06	0.111	0.06	17.8	5.2	0.29	2220	7.13	<0.01
840364		0.67	58.2	5.02	1.87	0.10	0.06	0.08	0.166	0.05	13.8	3.4	0.29	4340	12.55	<0.01
840365		1.10	249.0	2.81	2.49	0.07	0.08	0.09	0.104	0.05	9.6	5.6	0.32	1650	5.80	<0.01
840366		0.81	98.6	4.72	2.09	0.09	0.08	0.07	0.172	0.05	12.7	3.6	0.28	5710	22.30	<0.01
840367		2.00	27.3	5.25	4.00	0.08	0.04	0.05	0.113	0.06	14.0	7.5	0.40	5040	3.39	<0.01
840368		2.42	48.7	3.42	5.88	0.06	0.04	0.05	0.062	0.06	8.7	15.6	1.02	1380	1.57	<0.01
840369		2.03	157.0	2.92	4.80	0.08	0.06	0.11	0.056	0.05	10.5	13.4	1.32	2140	0.96	0.01
840370		2.40	56.0	3.94	5.32	0.09	0.06	0.07	0.083	0.08	10.9	16.4	1.40	2290	1.94	<0.01
840371		1.64	18.2	1.82	5.42	0.06	<0.02	0.12	0.021	0.05	22.4	5.0	0.48	509	1.23	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841641		0.37	36.1	670	11.3	8.8	<0.001	0.05	0.46	9.2	1.0	0.3	9.4	0.01	0.24	8.5
E841642		0.25	8.4	760	10.0	6.5	<0.001	0.11	0.31	1.4	0.7	0.2	11.3	<0.01	0.04	1.5
E841643		0.12	9.2	840	21.3	2.4	<0.001	0.16	0.27	1.0	1.1	<0.2	17.8	<0.01	0.06	1.5
E841644		0.05	7.5	710	9.0	1.5	<0.001	0.16	0.17	0.5	0.7	<0.2	15.7	<0.01	0.02	0.7
E841645		0.16	24.5	570	5.9	11.8	<0.001	0.05	0.44	3.2	0.5	0.3	9.2	<0.01	0.08	11.4
E841646		0.32	29.2	550	12.6	12.2	<0.001	0.03	0.59	1.3	0.7	0.3	2.9	<0.01	0.19	6.2
E841647		0.25	29.3	730	10.5	7.2	<0.001	0.14	0.54	6.0	1.2	0.3	14.5	<0.01	0.55	3.6
E841648		0.57	18.1	430	30.3	26.4	<0.001	0.02	0.51	3.1	0.5	0.4	6.3	<0.01	0.07	6.1
E841649		0.61	29.9	540	15.8	22.3	<0.001	0.03	0.54	3.9	0.8	0.5	7.0	<0.01	0.04	4.8
E841650		<0.05	0.4	10	0.8	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E841651		0.59	22.7	380	14.0	16.1	0.001	0.02	0.67	3.8	0.5	0.3	9.4	<0.01	0.05	6.7
E841652		0.50	24.8	660	13.8	16.2	<0.001	0.04	0.61	3.8	0.8	0.3	8.7	<0.01	0.05	4.5
E841653		0.28	11.8	920	17.2	6.4	<0.001	0.17	0.37	1.3	1.3	0.2	19.7	<0.01	0.04	0.8
E841654		0.59	23.7	680	13.1	14.8	<0.001	0.06	0.67	3.2	1.0	0.3	12.0	<0.01	0.06	4.2
E841655		0.63	32.0	600	12.6	15.8	<0.001	0.03	0.69	4.3	0.9	0.3	10.1	<0.01	0.06	7.1
E841656		0.58	27.0	510	12.1	15.2	<0.001	0.04	0.65	3.9	0.9	0.3	9.4	<0.01	0.07	6.5
E841657		1.10	35.1	800	14.6	14.8	<0.001	<0.01	0.93	4.6	0.8	0.4	20.0	<0.01	0.05	9.3
E841658		1.10	33.4	660	15.5	15.7	<0.001	0.02	0.82	4.6	0.8	0.4	18.2	<0.01	0.06	7.7
E841659		0.50	24.3	640	13.7	10.4	<0.001	0.10	0.91	2.4	1.1	0.2	13.9	<0.01	0.06	3.1
E841660		<0.05	0.3	10	0.5	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
E841661		0.68	27.1	400	14.0	10.7	<0.001	0.03	0.76	3.9	0.8	0.3	10.4	<0.01	0.06	8.8
E841662		0.82	29.9	550	16.3	18.3	<0.001	0.02	0.69	4.6	0.7	0.5	10.3	<0.01	0.08	7.7
E841663		0.49	29.2	1060	17.3	15.1	<0.001	0.08	0.61	3.6	1.3	0.3	11.1	<0.01	0.10	3.6
E841664		0.14	37.3	910	7.3	10.9	<0.001	0.05	0.29	7.4	0.5	0.6	2.8	<0.01	0.01	20.0
E841665		1.35	26.1	390	19.1	14.4	<0.001	0.01	0.66	3.3	0.5	0.7	5.9	<0.01	0.08	7.7
840357		0.78	7.6	830	6.7	8.9	<0.001	0.02	0.53	1.4	0.5	0.6	4.8	<0.01	0.04	2.3
840358		0.80	9.0	680	8.3	8.4	<0.001	0.03	0.44	1.6	0.7	0.6	5.5	0.01	0.05	1.8
840359		0.46	16.1	780	6.1	11.2	<0.001	0.01	0.44	1.9	0.5	0.3	7.7	<0.01	0.06	5.5
840360		0.69	11.7	630	6.7	11.2	<0.001	0.02	0.57	1.8	0.6	0.4	4.6	<0.01	0.07	6.7
840361		0.86	19.0	680	8.7	10.9	<0.001	0.02	0.60	2.1	0.9	0.5	5.1	<0.01	0.07	7.6
840362		0.32	22.3	1120	7.5	8.0	<0.001	0.04	0.75	2.4	0.9	0.3	6.0	<0.01	0.06	3.6
840363		0.31	21.1	640	6.0	7.8	<0.001	0.07	0.70	3.8	1.1	0.3	15.1	<0.01	0.12	6.1
840364		0.21	24.7	920	7.2	6.9	0.001	0.10	0.74	3.9	2.2	0.2	26.4	<0.01	0.24	3.4
840365		0.37	21.7	1160	7.9	8.1	<0.001	0.13	0.85	3.2	1.9	0.2	25.3	<0.01	0.13	2.6
840366		0.21	19.5	1010	5.7	7.6	<0.001	0.09	0.60	5.1	2.9	0.2	18.6	<0.01	0.32	2.2
840367		0.31	13.7	1040	7.4	9.7	<0.001	0.05	0.45	4.7	0.8	0.4	9.7	<0.01	0.15	3.7
840368		0.50	22.2	1190	13.1	8.9	<0.001	0.11	0.52	5.4	1.3	0.4	14.7	<0.01	0.07	2.6
840369		0.37	29.5	1080	9.8	8.1	<0.001	0.14	0.55	7.1	1.9	0.2	16.4	<0.01	0.04	2.4
840370		0.56	30.5	1170	8.9	14.0	<0.001	0.11	0.61	5.9	1.6	0.4	16.1	<0.01	0.07	5.4
840371		0.27	11.1	700	5.0	8.5	<0.001	0.03	0.37	1.7	0.6	0.5	5.6	<0.01	0.03	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841641		0.020	0.15	2.82	24	0.17	15.50	26	0.9
E841642		0.012	0.07	0.48	13	0.15	3.01	17	0.9
E841643		0.005	0.05	2.27	5	0.09	9.19	16	0.9
E841644		<0.005	0.03	5.18	2	0.08	3.06	8	0.6
E841645		0.015	0.10	1.17	19	0.25	7.59	22	2.1
E841646		0.011	0.12	0.87	22	0.16	2.52	24	<0.5
E841647		0.009	0.09	4.32	34	0.59	9.73	24	0.6
E841648		0.028	0.18	0.98	33	0.15	7.59	52	1.1
E841649		0.042	0.18	1.03	28	0.16	13.05	43	1.1
E841650		<0.005	<0.02	0.10	<1	<0.05	0.66	4	0.6
E841651		0.037	0.17	1.15	30	0.17	7.43	69	1.7
E841652		0.030	0.12	1.15	28	0.15	11.95	53	1.3
E841653		0.011	0.11	6.40	11	0.07	7.01	30	1.2
E841654		0.027	0.13	0.92	28	0.16	6.48	84	1.8
E841655		0.035	0.14	1.16	32	0.17	12.20	73	2.1
E841656		0.029	0.14	0.96	30	0.19	8.10	60	1.9
E841657		0.049	0.18	1.23	40	0.23	11.75	114	4.1
E841658		0.043	0.18	2.00	39	0.27	10.75	112	2.6
E841659		0.023	0.18	2.39	22	0.14	8.64	69	1.4
E841660		<0.005	<0.02	0.10	<1	<0.05	0.67	3	0.5
E841661		0.030	0.17	1.22	29	0.23	10.10	71	1.9
E841662		0.038	0.16	1.25	41	0.23	10.05	70	1.5
E841663		0.025	0.12	1.66	28	0.16	15.15	69	1.2
E841664		0.019	0.04	3.09	37	0.30	5.90	14	<0.5
E841665		0.038	0.14	1.08	49	0.23	3.12	41	0.8
840357		0.031	0.10	0.79	41	0.18	3.03	22	<0.5
840358		0.027	0.09	0.71	42	0.18	2.64	33	0.7
840359		0.018	0.08	0.87	25	0.13	4.67	30	0.6
840360		0.025	0.08	1.25	33	0.15	3.44	26	0.5
840361		0.025	0.10	1.28	40	0.17	9.66	49	1.0
840362		0.015	0.12	2.05	24	0.15	8.60	31	0.7
840363		0.020	0.06	5.16	21	0.25	10.80	28	1.4
840364		0.014	0.05	6.40	16	0.25	13.50	27	1.5
840365		0.013	0.09	5.50	18	0.15	14.05	28	2.4
840366		0.012	0.06	6.15	15	0.15	16.80	31	2.1
840367		0.014	0.09	2.31	30	0.23	5.11	28	1.2
840368		0.017	0.08	2.25	48	0.13	6.24	59	1.3
840369		0.017	0.07	1.96	40	0.08	16.05	31	1.1
840370		0.025	0.09	3.91	31	0.17	15.45	41	1.6
840371		0.020	0.09	0.98	32	0.11	2.74	15	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
840372		0.26	<0.005	0.05	2.57	6.4	<0.2	<10	230	0.83	0.45	0.45	0.18	43.50	23.9	28
840373		0.24	0.005	0.05	2.03	5.4	<0.2	<10	140	0.92	0.22	0.75	0.17	42.60	16.9	20
840374		0.16	<0.005	0.04	1.35	5.0	<0.2	<10	180	0.52	0.40	0.59	0.17	42.20	11.7	17
840375		0.42	<0.005	0.08	2.15	8.0	<0.2	<10	190	1.00	0.39	0.59	0.14	44.20	20.1	25
840376		0.22	<0.005	0.10	1.90	5.4	<0.2	<10	140	1.00	0.25	1.02	0.13	30.80	16.7	19
840377		0.30	<0.005	0.09	1.95	8.3	<0.2	<10	150	0.88	0.34	0.33	0.07	36.40	11.2	27
840802		0.26	<0.005	0.06	1.02	20.4	<0.2	<10	100	0.52	0.53	0.51	0.08	30.10	14.7	14
840803		0.26	<0.005	0.14	0.98	66.5	<0.2	<10	90	0.67	1.32	1.66	0.10	22.00	20.9	13
840804		0.24	0.005	0.09	1.05	17.7	<0.2	<10	100	0.60	0.60	0.82	0.10	34.00	41.8	16
840805		0.24	0.011	0.12	1.09	29.6	<0.2	<10	110	0.69	1.01	1.21	0.17	46.70	34.6	17
840806		0.28	0.007	0.16	0.96	26.3	<0.2	<10	120	0.53	0.93	1.06	0.16	31.50	25.6	16
840807		0.38	0.005	0.12	1.25	19.9	<0.2	<10	90	0.48	0.99	0.52	0.08	36.80	24.6	22
840808		0.22	<0.005	0.09	1.54	14.2	<0.2	<10	130	1.08	0.48	0.91	0.16	30.60	14.0	20
840809		0.34	<0.005	0.05	1.57	28.1	<0.2	<10	100	0.86	0.84	0.19	0.20	46.40	18.1	21
840810		0.32	<0.005	0.10	1.34	19.0	<0.2	<10	100	0.86	0.72	1.28	0.15	36.00	19.5	17
840811		0.32	<0.005	0.19	1.63	26.1	<0.2	<10	220	0.85	0.70	1.57	0.38	49.50	19.5	27
840812		0.34	<0.005	0.17	1.52	18.2	<0.2	<10	190	0.82	0.60	0.90	0.31	41.50	16.3	25
840813		0.44	<0.005	0.14	1.41	17.9	<0.2	<10	140	0.76	0.58	0.74	0.19	42.20	14.9	23
840814		0.52	<0.005	0.14	1.04	32.7	<0.2	<10	130	0.57	1.25	4.20	0.22	41.10	35.3	16
840815		0.38	0.010	0.17	1.10	48.2	<0.2	<10	100	0.87	1.46	5.00	0.10	32.10	33.0	16
840816		0.50	<0.005	0.16	1.37	20.3	<0.2	<10	170	0.70	0.56	1.27	0.25	40.70	16.5	23
840817		0.52	<0.005	0.19	1.42	19.0	<0.2	<10	220	0.72	0.54	1.29	0.38	41.60	16.4	25
840818		0.42	<0.005	0.18	1.46	20.7	<0.2	<10	210	0.76	0.53	1.23	0.36	42.20	16.6	25
840819		0.30	<0.005	0.13	1.17	17.8	<0.2	<10	140	0.65	0.52	1.26	0.19	30.80	14.8	19
840820		0.32	<0.005	0.08	1.31	17.1	<0.2	<10	100	0.78	0.70	0.84	0.13	35.40	15.9	19
840821		0.30	<0.005	0.08	1.19	20.0	<0.2	<10	70	0.70	0.83	1.71	0.12	45.40	17.2	18
840822		0.36	<0.005	0.09	1.16	17.0	<0.2	<10	110	0.60	0.61	1.56	0.15	34.10	16.2	18
840823		0.38	<0.005	0.13	1.50	20.5	<0.2	<10	140	0.82	0.58	1.88	0.27	42.90	17.7	24
840824		0.36	<0.005	0.16	1.58	21.6	<0.2	<10	140	0.81	0.61	1.74	0.25	46.00	18.9	26
840825		0.06	<0.005	0.06	0.01	<0.1	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.06	<0.1	<1
840826		0.56	<0.005	0.18	1.51	23.6	<0.2	<10	190	0.64	0.52	2.19	0.33	45.20	20.3	25
840827		0.24	0.005	0.14	1.34	17.3	<0.2	<10	150	0.60	0.48	1.15	0.21	36.00	17.0	22
840828		0.26	<0.005	0.11	1.27	18.0	<0.2	<10	160	0.67	0.58	1.02	0.21	31.30	16.8	20
840829		0.50	<0.005	0.12	1.29	22.7	<0.2	<10	80	0.64	0.71	0.41	0.13	43.20	19.8	21
840830		0.38	<0.005	0.15	1.41	11.9	<0.2	<10	170	0.73	0.47	0.60	0.23	36.00	12.3	24
840831		0.24	<0.005	0.13	1.38	25.5	<0.2	<10	190	0.67	0.57	0.61	0.23	40.50	17.6	23
840832		0.38	<0.005	0.15	1.34	18.0	<0.2	<10	180	0.77	0.50	0.57	0.28	41.10	16.2	23
840833		0.38	<0.005	0.11	1.14	28.8	<0.2	<10	90	0.63	0.61	1.19	0.13	28.00	16.2	16
840834		0.24	<0.005	0.12	1.32	16.2	<0.2	<10	120	0.74	0.48	1.08	0.18	30.70	15.7	21
840835		0.32	0.005	0.13	1.29	21.4	<0.2	<10	120	0.75	0.69	1.28	0.18	35.50	18.0	20

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
840372		4.20	32.8	5.23	9.87	0.12	0.02	0.07	0.064	0.15	22.8	33.5	1.96	1635	2.23	<0.01
840373		3.90	17.5	3.65	6.43	0.10	0.02	0.04	0.031	0.18	21.8	28.4	1.98	1725	0.48	<0.01
840374		2.18	15.6	3.69	6.46	0.09	0.02	0.07	0.053	0.11	20.0	15.7	0.73	2290	1.62	<0.01
840375		5.98	51.2	4.56	7.26	0.13	0.05	0.05	0.049	0.15	23.5	26.4	1.95	2450	1.04	<0.01
840376		3.64	9.5	3.61	6.13	0.11	0.04	0.06	0.032	0.16	16.8	22.6	1.86	2550	0.56	<0.01
840377		2.26	9.9	3.48	5.89	0.07	0.04	0.05	0.036	0.09	16.3	17.9	0.86	832	0.82	0.02
840802		1.08	50.5	3.08	3.73	0.05	0.02	0.02	0.040	0.05	15.8	16.1	0.34	1330	1.16	0.01
840803		1.16	467.0	2.85	2.93	0.08	0.04	0.07	0.052	0.04	20.7	10.1	0.45	1790	1.77	0.02
840804		0.97	119.0	3.71	3.61	0.07	0.03	0.03	0.035	0.04	19.7	15.1	0.49	1440	2.43	0.01
840805		1.24	182.0	4.45	4.16	0.10	0.04	0.06	0.077	0.04	27.3	13.9	0.52	2530	3.25	0.01
840806		0.92	162.5	4.97	3.52	0.09	0.04	0.05	0.048	0.05	18.6	12.6	0.47	2240	3.04	0.02
840807		0.86	88.3	6.23	4.89	0.09	0.04	0.03	0.047	0.05	20.9	17.5	0.60	1245	4.28	0.01
840808		1.60	27.1	3.79	5.32	0.06	0.03	0.03	0.053	0.06	14.0	25.3	0.55	1945	1.74	0.02
840809		1.89	43.7	4.27	5.23	0.09	0.04	0.03	0.065	0.07	19.4	28.8	0.81	2050	1.67	0.01
840810		1.60	59.9	3.77	4.44	0.11	0.06	0.04	0.063	0.09	19.2	25.6	1.44	2320	1.15	0.02
840811		1.76	74.5	3.31	5.69	0.11	0.14	0.03	0.034	0.15	25.5	27.3	1.48	982	1.38	0.02
840812		1.44	61.2	3.08	4.98	0.10	0.09	0.04	0.037	0.13	21.6	23.3	1.03	771	1.03	0.02
840813		1.38	61.1	3.13	4.69	0.10	0.07	0.03	0.041	0.11	22.5	22.1	1.04	934	1.02	0.02
840814		0.87	154.0	4.15	3.42	0.14	0.07	0.02	0.073	0.06	20.8	23.1	3.12	2060	2.15	0.02
840815		1.23	226.0	4.49	3.54	0.13	0.06	0.03	0.091	0.10	17.8	20.3	3.80	2370	2.96	0.02
840816		1.21	60.8	3.08	4.47	0.09	0.07	0.03	0.031	0.12	21.6	19.7	1.26	937	1.08	0.02
840817		1.35	61.1	3.03	4.68	0.09	0.11	0.03	0.032	0.13	21.8	20.8	1.25	860	1.25	0.02
840818		1.43	62.4	3.12	4.81	0.10	0.10	0.03	0.030	0.14	22.3	21.4	1.27	862	1.23	0.02
840819		0.84	51.3	2.77	3.89	0.09	0.07	0.04	0.035	0.08	16.4	17.8	0.97	986	1.04	0.02
840820		1.32	41.0	3.50	4.31	0.10	0.05	0.03	0.051	0.09	19.4	23.1	1.13	1515	1.15	0.02
840821		0.94	61.8	3.17	3.98	0.10	0.06	0.02	0.040	0.07	23.8	22.5	1.57	1205	1.48	0.02
840822		1.00	60.4	3.19	3.69	0.10	0.05	0.03	0.044	0.08	18.1	18.1	1.39	1490	1.32	0.02
840823		1.63	72.8	3.08	5.07	0.11	0.12	0.03	0.033	0.16	22.3	22.5	1.72	1050	1.08	0.03
840824		1.74	72.8	3.23	5.41	0.12	0.15	0.04	0.038	0.17	24.1	24.1	1.67	1025	1.10	0.03
840825		<0.05	0.7	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	<0.1	<0.01	<5	<0.05	<0.01
840826		1.55	69.9	3.20	5.04	0.10	0.16	0.03	0.030	0.15	22.9	20.6	1.73	1065	1.38	0.02
840827		1.16	54.3	2.94	4.35	0.08	0.09	0.03	0.033	0.11	18.5	19.2	1.03	1130	1.07	0.02
840828		0.97	99.3	2.93	4.19	0.07	0.05	0.04	0.038	0.08	16.6	18.6	0.71	1825	1.15	0.02
840829		1.08	149.5	3.71	4.28	0.09	0.04	0.03	0.044	0.07	24.0	19.4	0.61	817	1.76	0.01
840830		1.09	76.5	2.69	4.63	0.08	0.08	0.04	0.029	0.09	19.6	19.9	0.70	910	0.77	0.02
840831		1.17	61.3	3.33	4.52	0.08	0.07	0.04	0.036	0.11	21.5	20.0	0.82	1360	1.11	0.02
840832		1.21	80.0	3.21	4.53	0.09	0.06	0.03	0.033	0.10	22.1	20.9	0.72	1205	1.12	0.02
840833		0.92	70.0	2.90	3.60	0.07	0.04	0.04	0.044	0.08	15.5	17.2	0.65	1490	0.93	0.02
840834		1.17	54.6	2.84	4.38	0.07	0.05	0.05	0.035	0.08	16.5	19.4	0.67	1230	0.97	0.02
840835		0.86	73.0	3.32	4.17	0.07	0.06	0.04	0.046	0.08	18.6	17.9	0.71	1760	1.19	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
840372		0.81	41.0	700	11.0	31.0	<0.001	0.02	0.54	6.2	0.7	0.6	8.8	<0.01	0.10	8.6
840373		0.77	44.2	670	5.5	37.4	<0.001	0.02	0.49	5.1	0.7	0.6	9.6	<0.01	0.04	7.6
840374		0.62	22.7	1060	9.3	17.8	<0.001	0.04	0.54	3.7	0.7	0.6	8.9	<0.01	0.05	4.8
840375		0.65	47.7	620	7.0	25.2	<0.001	0.02	0.71	7.5	1.0	0.5	10.2	<0.01	0.06	7.8
840376		0.58	46.1	930	5.5	33.9	<0.001	0.06	0.53	3.9	0.9	0.5	11.0	<0.01	0.04	3.6
840377		0.86	35.1	360	10.3	21.1	<0.001	0.03	0.54	4.0	0.6	0.6	11.3	0.01	0.05	7.1
840802		0.38	16.2	650	10.0	10.5	<0.001	0.05	0.31	3.1	0.6	0.3	10.0	0.01	0.06	7.2
840803		0.38	23.7	1230	11.4	7.2	<0.001	0.14	0.59	3.0	1.6	0.2	21.9	0.01	0.10	3.0
840804		0.30	24.5	740	7.2	8.5	<0.001	0.07	0.39	4.0	1.2	0.2	13.8	<0.01	0.23	5.4
840805		0.38	30.6	980	12.9	8.3	<0.001	0.09	0.67	8.2	1.7	0.2	18.5	0.01	0.54	5.8
840806		0.32	31.1	840	9.3	7.5	<0.001	0.09	0.65	5.2	1.4	0.2	15.7	0.01	0.42	4.2
840807		0.43	29.8	560	7.7	8.2	<0.001	0.04	0.56	6.1	0.9	0.2	10.4	<0.01	0.34	8.0
840808		0.70	15.8	780	29.1	14.3	<0.001	0.07	0.55	3.0	0.9	0.4	15.5	<0.01	0.07	2.4
840809		0.68	26.6	480	21.1	15.1	<0.001	0.02	0.72	3.7	0.7	0.4	6.5	<0.01	0.08	7.5
840810		0.49	26.9	610	16.3	15.3	<0.001	0.04	0.62	4.9	1.0	0.3	10.1	<0.01	0.05	7.7
840811		0.43	39.1	760	16.3	17.2	<0.001	0.01	0.94	5.5	0.8	0.5	25.2	<0.01	0.06	11.9
840812		0.93	33.3	780	15.3	15.6	<0.001	0.03	0.79	4.8	0.8	0.4	19.4	<0.01	0.05	8.9
840813		0.77	29.5	670	13.0	14.6	<0.001	0.01	0.76	4.7	0.8	0.4	16.7	<0.01	0.05	8.6
840814		0.12	41.2	510	13.9	7.0	<0.001	0.07	1.26	3.0	0.8	0.2	15.3	<0.01	0.06	10.6
840815		0.21	32.9	600	25.0	11.4	<0.001	0.09	1.18	4.4	1.2	0.3	15.9	<0.01	0.09	8.7
840816		0.75	30.4	690	12.4	13.4	<0.001	0.02	0.74	4.5	0.7	0.4	17.5	<0.01	0.04	8.9
840817		0.70	33.5	780	13.1	13.8	<0.001	0.01	0.85	4.8	0.6	0.4	22.9	<0.01	0.06	9.5
840818		0.49	34.3	790	13.2	14.6	<0.001	0.01	0.84	4.9	0.6	0.4	22.8	<0.01	0.05	9.6
840819		0.70	25.9	590	11.9	9.9	<0.001	0.04	0.73	3.5	1.0	0.3	15.9	<0.01	0.04	5.5
840820		0.47	25.0	550	16.7	15.1	<0.001	0.04	0.66	3.9	0.8	0.3	10.0	<0.01	0.05	5.8
840821		0.45	28.4	610	11.5	8.8	<0.001	0.04	0.91	3.6	0.7	0.3	12.7	<0.01	0.05	9.1
840822		0.50	25.2	630	13.2	12.8	<0.001	0.06	0.73	3.6	0.8	0.3	12.4	<0.01	0.05	5.7
840823		0.40	33.0	710	15.6	17.2	<0.001	0.02	0.81	5.1	0.7	0.4	23.5	<0.01	0.05	10.0
840824		0.37	36.1	740	16.2	18.6	<0.001	0.01	0.86	5.4	0.7	0.5	24.2	<0.01	0.04	10.5
840825		<0.05	0.2	10	0.9	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
840826		0.59	33.8	790	13.0	16.1	0.001	0.01	0.83	4.4	0.7	0.4	25.1	<0.01	0.06	9.5
840827		0.92	28.1	720	13.0	13.9	<0.001	0.04	0.72	3.8	0.7	0.4	20.6	<0.01	0.05	6.7
840828		0.67	30.1	550	10.9	10.1	<0.001	0.05	0.61	4.6	1.1	0.3	18.6	<0.01	0.06	5.9
840829		0.55	28.9	660	9.1	10.4	<0.001	0.03	0.61	5.3	0.9	0.3	13.1	<0.01	0.14	8.5
840830		0.89	29.2	770	11.4	11.3	<0.001	0.04	0.68	4.4	0.8	0.4	19.9	<0.01	0.04	7.5
840831		0.78	31.0	660	12.0	11.8	<0.001	0.03	0.68	4.5	0.7	0.4	16.0	<0.01	0.05	8.6
840832		0.77	34.5	730	11.3	12.3	<0.001	0.02	0.71	4.9	0.9	0.3	18.5	<0.01	0.05	9.3
840833		0.42	25.2	720	9.7	11.1	<0.001	0.08	0.50	4.1	0.9	0.2	17.5	<0.01	0.06	5.0
840834		0.69	26.4	720	11.4	13.0	<0.001	0.07	0.59	4.8	1.0	0.3	20.2	<0.01	0.06	5.7
840835		0.64	30.0	660	11.5	10.5	<0.001	0.07	0.70	5.0	1.1	0.3	19.0	<0.01	0.07	6.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
840372		0.052	0.15	2.34	57	0.18	6.63	44	0.8
840373		0.068	0.13	4.09	30	0.16	9.33	37	0.7
840374		0.034	0.11	1.83	37	0.21	6.10	30	0.5
840375		0.061	0.12	2.71	43	0.22	19.45	41	1.2
840376		0.059	0.13	2.65	28	0.17	13.05	35	0.7
840377		0.050	0.12	1.35	45	0.22	7.21	46	1.3
840802		0.011	0.07	1.33	21	0.17	4.40	38	0.6
840803		0.012	0.11	2.57	15	0.13	15.85	34	0.9
840804		0.012	0.05	3.45	22	0.41	9.65	46	0.7
840805		0.014	0.14	4.68	23	0.27	18.10	47	0.8
840806		0.014	0.09	2.56	31	0.70	12.70	55	0.7
840807		0.019	0.08	1.17	41	0.62	7.46	49	1.0
840808		0.026	0.13	0.87	39	0.14	7.70	86	0.8
840809		0.035	0.15	1.12	34	0.15	7.84	61	1.2
840810		0.031	0.15	1.03	28	0.15	15.70	55	1.7
840811		0.054	0.19	0.98	38	0.21	12.25	99	5.5
840812		0.044	0.17	1.24	36	0.21	10.95	99	3.2
840813		0.046	0.14	0.77	33	0.24	11.40	79	2.5
840814		0.013	0.29	3.00	21	0.21	11.50	132	2.8
840815		0.020	0.27	3.54	22	0.23	12.10	71	2.3
840816		0.041	0.13	0.87	33	0.24	10.80	80	2.8
840817		0.050	0.15	0.97	37	0.23	10.95	92	4.0
840818		0.053	0.15	0.86	38	0.26	11.00	94	4.2
840819		0.033	0.08	1.11	28	0.19	9.23	62	2.3
840820		0.031	0.14	1.41	27	0.17	11.30	56	1.2
840821		0.027	0.17	1.68	25	0.21	9.87	60	2.0
840822		0.031	0.13	1.02	26	0.64	9.22	51	1.7
840823		0.056	0.19	0.90	36	0.22	11.50	87	5.1
840824		0.059	0.19	0.85	37	0.22	12.20	91	6.4
840825		<0.005	<0.02	0.09	<1	<0.05	0.62	3	0.6
840826		0.055	0.17	0.79	36	0.24	11.10	87	5.7
840827		0.042	0.14	0.99	33	0.26	9.57	78	2.5
840828		0.026	0.10	1.77	28	0.16	11.50	71	1.7
840829		0.025	0.08	2.15	27	0.32	13.95	64	1.1
840830		0.038	0.11	1.41	34	0.20	10.55	84	2.3
840831		0.036	0.11	0.95	35	0.20	9.88	78	2.3
840832		0.036	0.11	1.30	32	0.20	12.00	79	1.8
840833		0.017	0.07	1.32	20	0.11	10.05	61	1.1
840834		0.025	0.10	1.24	28	0.17	9.12	76	1.4
840835		0.024	0.09	1.27	28	0.18	12.65	69	1.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
841472		0.24	<0.005	0.10	1.86	30.2	<0.2	<10	110	1.14	0.95	0.13	0.30	72.10	17.8	22
841473		0.30	<0.005	0.18	0.74	41.1	<0.2	<10	640	0.50	1.08	0.79	1.23	55.40	11.1	7
841474		0.38	<0.005	0.05	1.84	17.8	<0.2	<10	60	0.55	0.63	0.07	0.13	47.50	10.9	20
841475		0.30	<0.005	0.22	1.39	16.3	<0.2	<10	170	0.62	0.72	0.76	1.48	128.50	17.9	16
841476		0.40	<0.005	0.09	1.17	13.5	<0.2	<10	120	0.39	0.47	0.18	0.16	44.30	13.3	17
841477		0.32	<0.005	0.40	1.06	50.0	<0.2	<10	170	0.53	0.70	0.38	0.61	47.00	13.6	16
841478		0.44	<0.005	0.13	0.51	46.5	<0.2	<10	140	0.28	1.07	0.21	2.36	28.70	8.5	6
841479		0.38	0.005	0.08	0.88	45.0	<0.2	<10	330	0.57	1.20	0.26	0.28	56.30	17.8	12
841480		0.22	<0.005	0.08	0.70	101.5	<0.2	<10	170	0.30	2.12	7.92	0.59	39.70	6.7	6
841481		0.26	<0.005	0.08	0.30	40.0	<0.2	<10	60	0.24	1.85	1.17	0.17	25.60	6.2	2
841482		0.36	0.009	0.05	0.20	15.0	<0.2	<10	30	0.21	0.79	1.36	0.20	49.50	10.7	1
841483		0.48	<0.005	0.08	0.45	34.6	<0.2	<10	50	0.33	1.30	0.19	0.38	67.20	21.1	2
841484		0.38	<0.005	0.06	0.48	25.9	<0.2	<10	60	0.32	0.79	0.25	0.25	33.70	14.6	5
841485		0.30	<0.005	0.03	1.26	34.4	<0.2	<10	160	0.58	1.51	0.13	0.49	41.40	7.5	10
841486		0.32	<0.005	0.07	0.56	41.2	<0.2	<10	110	0.34	1.11	0.81	0.24	24.00	10.0	4
841487		0.34	<0.005	0.05	0.76	50.0	<0.2	<10	80	0.39	1.06	0.30	0.37	20.60	9.4	5
841488		0.38	<0.005	0.08	0.40	25.9	<0.2	<10	60	0.32	0.74	0.28	0.36	92.30	13.0	2
841489		0.20	<0.005	0.12	0.54	304.0	<0.2	<10	50	0.26	2.95	0.06	0.35	31.70	27.8	5
841490		0.30	0.010	1.03	0.92	169.0	<0.2	<10	160	1.46	2.32	0.70	0.06	142.00	44.9	26
841491		0.30	<0.005	0.07	0.89	11.9	<0.2	<10	190	0.56	0.31	0.55	0.21	65.60	16.5	36
841492		0.24	0.005	0.08	0.74	14.0	<0.2	<10	360	0.82	0.22	0.61	0.24	167.50	49.6	22
841493		0.24	<0.005	0.73	0.74	41.5	<0.2	<10	490	0.55	0.44	0.46	0.52	54.60	60.5	25
841494		0.46	0.005	0.03	0.40	9.3	<0.2	<10	800	0.56	0.26	0.06	0.14	27.60	48.8	7
841495		0.38	<0.005	0.15	0.71	83.5	<0.2	<10	60	0.53	2.00	0.32	0.37	74.00	21.6	6
841496		0.62	0.015	0.17	1.03	266.0	<0.2	<10	140	0.58	2.10	0.23	0.25	116.00	59.2	12
841497		0.04	0.041	0.01	0.01	0.2	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.06	<0.1	<1
841498		0.28	<0.005	0.10	0.61	161.5	<0.2	<10	40	0.45	2.18	0.27	0.33	36.30	23.4	6
841499		0.50	0.013	0.19	0.67	177.5	<0.2	<10	70	0.49	3.16	0.26	0.30	79.60	34.2	5
841500		0.38	<0.005	0.15	1.39	72.2	<0.2	<10	70	1.16	2.11	0.27	0.81	281.00	78.8	6
841501		0.36	0.006	0.09	0.64	57.1	<0.2	<10	50	0.37	1.94	4.59	0.32	26.00	21.2	4
841502		0.48	<0.005	0.05	0.38	39	<0.2	<10	40	0.21	1.46	22.30	0.27	19.90	12.9	2
841503		0.28	<0.005	0.09	0.93	55.7	<0.2	<10	80	0.46	2.74	0.69	0.50	37.30	17.9	7
841504		0.32	<0.005	0.04	0.91	26.0	<0.2	<10	70	0.42	0.63	0.35	0.16	31.40	15.3	7
841505		0.32	0.013	0.08	1.07	19	<0.2	<10	70	0.73	1.95	14.30	1.62	250.00	25.1	6
841506		0.24	0.005	0.05	1.44	27.6	<0.2	<10	70	0.41	1.09	0.06	0.14	30.60	13.1	19
841507		0.32	<0.005	0.10	1.80	74.5	<0.2	<10	60	0.46	1.09	0.05	0.29	129.50	28.7	18
841508		0.42	0.008	0.16	1.97	60.1	<0.2	<10	70	1.73	2.14	0.03	0.26	231.00	46.2	26
841509		0.68	<0.005	0.25	2.13	66.7	<0.2	<10	30	1.21	2.00	0.01	0.39	57.50	21.2	28
841510		0.46	<0.005	0.15	1.70	28.8	<0.2	<10	50	1.20	1.32	0.07	0.50	215.00	46.8	21
841511		0.18	<0.005	0.15	0.87	17.2	<0.2	<10	90	0.41	0.36	0.47	0.54	48.00	8.9	6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
841472		1.45	45.8	3.96	4.97	0.08	<0.02	0.08	0.041	0.06	26.4	25.5	0.36	862	2.62	0.01
841473		0.38	25.2	5.85	2.69	0.18	0.07	0.10	0.163	0.05	26.0	4.6	0.23	7050	3.25	<0.01
841474		1.68	50.0	4.42	7.53	0.13	0.03	0.05	0.035	0.06	20.0	25.8	0.24	488	4.25	<0.01
841475		1.60	64.8	4.05	5.21	0.20	0.06	0.05	0.060	0.05	65.4	12.6	0.24	3110	1.94	0.01
841476		2.25	23.4	2.93	5.81	0.10	<0.02	0.05	0.023	0.15	19.7	17.4	0.40	1270	1.55	0.01
841477		1.39	46.2	4.20	3.49	0.13	0.06	0.14	0.063	0.05	24.8	12.8	0.49	2480	1.84	0.01
841478		0.66	25.8	3.48	2.29	0.09	0.03	0.07	0.053	0.05	9.2	6.9	0.10	4530	2.13	<0.01
841479		1.39	60.7	5.55	3.15	0.16	0.06	0.03	0.087	0.07	22.9	10.5	0.21	3480	1.41	<0.01
841480		0.93	16.3	3.89	2.44	0.14	0.05	0.06	0.453	0.03	19.6	7.8	0.15	10300	1.53	0.01
841481		0.92	22.6	3.73	1.19	0.12	0.07	0.04	0.045	0.05	12.8	7.6	0.25	5210	1.85	0.01
841482		0.72	20.9	2.36	0.76	0.11	0.06	0.01	0.019	0.05	22.6	4.8	0.50	1435	2.16	0.01
841483		0.74	69.1	5.13	1.68	0.17	0.09	0.05	0.028	0.04	36.1	4.9	0.20	2530	10.50	0.01
841484		0.70	42.3	3.25	1.47	0.11	0.07	0.02	0.020	0.04	17.3	5.7	0.13	1525	4.49	0.01
841485		1.78	20.4	3.81	2.96	0.13	0.07	0.03	0.120	0.06	15.9	35.9	0.33	5000	1.89	<0.01
841486		1.95	23.6	3.01	1.76	0.11	0.07	0.06	0.074	0.13	11.1	26.7	0.37	4940	2.08	0.01
841487		2.04	31.5	3.14	2.29	0.09	0.07	0.07	0.031	0.11	9.4	18.0	0.30	3550	2.71	0.01
841488		1.25	31.3	3.24	1.75	0.16	0.06	0.03	0.033	0.07	45.6	7.6	0.21	5280	1.12	<0.01
841489		0.64	267.0	4.73	2.29	0.13	0.04	0.04	0.109	0.02	20.5	5.1	0.08	8450	0.94	<0.01
841490		5.54	332.0	5.86	5.28	0.27	0.06	0.02	0.103	0.13	78.1	7.5	0.27	4060	0.78	0.01
841491		1.82	30.7	5.41	4.31	0.22	0.04	0.03	0.016	0.23	36.5	21.5	0.66	4640	1.01	0.01
841492		1.17	198.5	6.27	4.15	0.30	0.08	0.04	0.027	0.06	86.4	8.3	0.34	7460	1.99	0.01
841493		2.32	142.0	9.34	4.11	0.27	0.05	0.03	0.035	0.07	28.3	8.5	0.36	9130	5.04	0.01
841494		0.81	22.1	3.23	2.07	0.08	0.02	0.07	0.040	0.05	11.1	2.6	0.04	5870	8.14	<0.01
841495		1.53	82.7	4.67	2.37	0.18	0.10	0.04	0.055	0.07	36.6	14.5	0.38	4360	4.75	0.01
841496		1.37	240.0	4.90	3.81	0.25	0.07	0.06	0.045	0.06	75.6	14.4	0.34	6230	1.44	<0.01
841497		<0.05	0.3	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	6	0.05	<0.01
841498		1.93	51.2	3.29	1.75	0.11	0.07	0.04	0.041	0.04	18.6	5.5	0.16	2990	1.85	<0.01
841499		3.88	206.0	6.37	2.83	0.24	0.11	0.02	0.093	0.12	36.6	13.4	0.34	7330	5.87	0.01
841500		4.10	88.2	4.87	4.22	0.44	0.18	0.02	0.048	0.12	102.5	30.6	0.63	4280	9.93	0.01
841501		4.33	53.8	3.26	1.84	0.12	0.08	0.02	0.068	0.21	12.1	24.9	0.89	2980	4.01	0.01
841502		2.09	26.0	2.07	1.03	0.08	0.08	0.01	0.064	0.15	8.7	14.1	0.77	2290	2.74	0.02
841503		4.21	43.6	3.50	2.66	0.14	0.07	0.03	0.062	0.17	17.6	37.9	0.63	4370	2.39	0.01
841504		5.68	37.1	2.75	2.71	0.11	0.04	0.03	0.021	0.12	15.2	25.6	0.60	3910	1.36	0.01
841505		1.15	31.0	2.74	2.82	0.31	0.16	0.05	0.095	0.09	101.5	24.9	0.46	2970	1.76	0.02
841506		3.80	31.9	3.83	5.20	0.10	0.02	0.04	0.030	0.06	13.1	21.3	0.42	796	4.07	<0.01
841507		4.10	46.7	4.75	5.61	0.20	0.05	0.03	0.028	0.07	51.6	24.8	0.76	1685	6.18	0.01
841508		4.72	148.5	6.48	6.85	0.29	0.16	0.01	0.106	0.06	91.4	42.8	0.54	598	7.13	0.02
841509		3.60	196.0	12.85	6.21	0.19	0.13	0.02	0.049	0.05	23.7	24.0	0.75	971	13.60	0.01
841510		4.23	96.7	4.45	6.04	0.20	0.09	0.01	0.053	0.08	83.8	46.8	0.51	789	3.52	0.02
841511		5.48	16.5	2.58	2.88	0.07	0.03	0.04	0.035	0.08	22.2	16.3	0.42	3380	1.05	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
841472		0.70	34.8	850	21.9	11.4	<0.001	0.06	1.36	2.2	1.0	0.4	12.4	<0.01	0.07	4.7
841473		0.15	25.6	880	29.0	4.7	<0.001	0.07	1.34	2.4	1.3	0.2	9.1	0.01	0.11	2.3
841474		0.87	22.3	700	17.0	11.5	<0.001	0.03	0.73	2.2	0.9	0.6	6.3	<0.01	0.18	11.2
841475		0.57	25.0	770	115.5	14.2	<0.001	0.07	0.81	2.8	1.4	0.5	13.8	0.01	0.08	5.5
841476		0.62	19.5	680	13.0	23.2	<0.001	0.04	0.55	1.4	0.6	0.6	8.0	<0.01	0.10	2.8
841477		0.42	27.1	540	68.8	12.0	<0.001	0.04	1.37	3.4	1.1	0.3	10.1	0.01	0.07	4.0
841478		0.21	13.3	1110	73.4	8.5	<0.001	0.07	1.61	1.5	0.9	0.2	5.6	<0.01	0.14	1.7
841479		0.89	22.8	600	13.0	12.3	<0.001	0.04	1.15	2.2	0.8	0.2	4.5	0.02	0.06	10.5
841480		0.11	15.9	890	18.0	5.7	0.001	0.11	1.15	1.3	2.1	0.2	105.5	0.01	0.10	0.5
841481		0.07	13.6	570	20.7	7.0	<0.001	0.07	1.58	1.5	1.5	<0.2	14.3	0.01	0.18	1.8
841482		0.08	23.7	580	11.7	5.9	<0.001	0.04	1.69	1.7	1.1	<0.2	19.7	0.01	0.13	5.5
841483		0.31	73.7	1050	24.3	4.8	0.001	0.04	3.72	2.5	2.0	<0.2	11.8	0.01	0.33	10.3
841484		0.17	32.5	890	13.8	6.2	<0.001	0.04	2.11	2.1	1.4	<0.2	11.1	0.01	0.21	3.7
841485		0.19	20.3	1010	15.0	11.1	0.001	0.05	1.53	2.2	1.4	0.2	6.4	0.01	0.10	1.5
841486		0.16	16.6	1070	14.1	18.6	0.001	0.07	2.06	1.7	1.3	<0.2	14.0	0.01	0.14	2.4
841487		0.17	17.3	1240	14.2	19.9	<0.001	0.09	2.08	1.8	1.5	0.2	14.8	<0.01	0.23	2.9
841488		0.18	29.2	710	28.0	8.5	<0.001	0.03	2.58	2.0	0.7	<0.2	16.9	0.01	0.07	10.7
841489		0.11	27.3	760	6.9	4.8	<0.001	0.03	0.97	2.4	0.7	<0.2	12.4	0.01	0.06	5.0
841490		0.07	67.1	1220	9.3	21.3	<0.001	0.05	0.29	19.4	0.9	0.7	17.0	0.01	0.06	18.5
841491		0.16	70.8	960	16.3	37.9	<0.001	0.05	0.41	10.0	1.3	0.4	8.8	<0.01	0.21	7.7
841492		0.10	68.0	1040	18.7	12.8	<0.001	0.08	0.86	16.9	2.2	0.3	11.9	0.01	0.17	8.4
841493		0.19	92.0	870	45.7	15.3	<0.001	0.08	2.69	25.1	1.5	0.4	11.2	0.01	0.13	6.9
841494		0.08	13.0	910	9.8	7.9	<0.001	0.04	0.88	1.1	0.7	0.2	16.8	<0.01	0.19	2.8
841495		0.28	42.5	1030	26.7	10.3	<0.001	0.06	4.35	2.2	1.4	<0.2	16.9	0.01	0.25	11.5
841496		0.17	51.5	910	11.2	8.2	<0.001	0.04	1.37	9.5	1.2	<0.2	11.4	0.01	0.11	11.6
841497		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
841498		0.09	35.7	690	14.0	6.6	<0.001	0.04	1.37	2.7	1.2	<0.2	10.5	0.01	0.11	5.8
841499		0.34	60.5	880	16.7	18.2	<0.001	0.09	5.53	2.8	1.5	<0.2	21.1	0.01	0.29	13.7
841500		0.27	190.0	960	29.2	21.6	0.001	0.06	4.55	2.4	3.2	<0.2	14.6	0.02	0.34	11.7
841501		0.18	44.4	1090	14.3	29.2	<0.001	0.11	3.43	1.6	1.5	<0.2	52.5	<0.01	0.28	4.5
841502		0.17	19.2	580	11.3	17.5	<0.001	0.10	2.14	1.3	1.6	0.2	207.0	<0.01	0.17	3.2
841503		0.18	34.2	990	13.7	29.8	<0.001	0.09	2.85	1.6	1.8	0.2	16.7	0.01	0.21	1.6
841504		0.21	24.1	810	9.7	30.7	<0.001	0.05	1.54	1.7	1.0	0.2	12.6	<0.01	0.21	3.1
841505		0.24	77.1	860	17.0	11.7	0.001	0.08	1.82	2.2	2.9	0.2	132.0	0.01	0.12	2.3
841506		0.40	31.0	820	17.8	18.9	<0.001	0.05	1.45	1.2	1.0	0.4	6.5	<0.01	0.16	1.2
841507		0.55	60.3	1000	24.2	19.7	<0.001	0.07	1.90	2.1	1.5	0.3	11.7	0.01	0.17	6.6
841508		0.90	66.7	1230	56.8	7.7	0.001	0.10	4.06	4.5	2.5	0.5	14.5	0.02	0.25	39.4
841509		3.29	19.7	2600	88.5	7.1	0.001	0.13	3.56	2.9	2.5	0.6	6.2	0.05	0.26	54.5
841510		0.94	56.6	720	52.2	13.5	<0.001	0.04	2.28	3.0	1.8	0.4	10.1	0.02	0.12	28.2
841511		0.32	15.2	700	27.2	26.1	<0.001	0.06	1.07	1.8	0.8	0.2	16.9	<0.01	0.08	2.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
841472		0.025	0.11	2.43	36	0.27	6.88	105	<0.5
841473		0.006	0.07	2.14	14	0.11	14.50	206	1.1
841474		0.017	0.14	1.35	44	0.22	2.92	70	0.5
841475		0.019	0.14	2.15	32	0.14	18.00	287	0.8
841476		0.039	0.15	1.00	35	0.18	3.36	56	<0.5
841477		0.030	0.26	1.31	26	0.14	16.05	220	1.0
841478		0.010	0.16	0.93	12	0.10	7.28	315	<0.5
841479		0.005	0.12	2.44	14	0.18	7.91	68	1.1
841480		0.008	0.34	1.02	13	0.09	22.50	103	0.6
841481		<0.005	0.21	1.02	4	0.06	21.40	58	1.1
841482		<0.005	0.10	0.74	2	0.05	20.40	65	1.1
841483		0.006	0.11	3.45	8	0.08	24.30	84	2.0
841484		0.008	0.08	1.41	10	0.09	18.05	59	1.2
841485		0.015	0.19	1.04	19	0.14	24.70	81	0.8
841486		0.013	0.19	1.23	8	0.07	17.20	70	1.4
841487		0.014	0.19	2.03	11	0.07	15.45	80	1.3
841488		0.005	0.14	1.45	3	0.06	16.10	99	1.4
841489		0.005	0.04	1.34	7	0.05	9.99	163	0.6
841490		0.012	0.13	2.99	88	0.12	23.60	36	1.0
841491		0.038	0.09	2.41	67	0.13	16.15	50	0.6
841492		0.024	0.08	2.90	37	0.16	31.00	54	0.6
841493		0.024	0.17	3.23	68	0.15	15.85	140	0.5
841494		0.007	0.06	2.48	15	0.15	3.84	25	<0.5
841495		0.011	0.16	3.19	7	0.10	21.00	135	2.1
841496		0.006	0.09	2.14	16	0.07	23.30	79	1.0
841497		<0.005	<0.02	0.11	<1	<0.05	0.65	3	0.5
841498		<0.005	0.08	1.05	8	0.06	19.30	321	1.0
841499		0.016	0.25	3.62	9	0.09	23.10	113	3.7
841500		0.015	0.38	8.18	10	0.14	69.80	346	2.2
841501		0.014	0.32	2.35	7	0.08	14.30	156	1.9
841502		0.007	0.28	1.42	4	0.08	11.55	136	2.8
841503		0.017	0.34	1.58	13	0.10	25.30	202	1.1
841504		0.027	0.28	1.69	12	0.08	12.15	58	0.7
841505		0.015	0.35	1.92	13	0.17	54.30	695	2.0
841506		0.021	0.33	1.72	35	0.16	3.62	96	<0.5
841507		0.022	0.35	3.38	23	0.14	17.25	158	<0.5
841508		0.073	0.12	5.83	21	0.66	35.90	249	4.7
841509		0.200	0.16	4.38	22	0.25	26.40	162	4.5
841510		0.044	0.18	5.03	16	0.28	32.80	289	1.7
841511		0.023	0.21	0.92	11	0.07	13.80	130	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
841512		0.44	<0.005	0.14	0.67	27.3	<0.2	<10	60	0.22	0.44	0.32	0.42	25.70	12.3	4
841513		0.52	<0.005	0.29	0.89	53.0	<0.2	<10	100	0.34	0.90	0.25	0.73	42.60	19.4	6
841514		0.38	<0.005	0.09	1.00	28.8	<0.2	<10	90	0.33	0.55	0.06	0.48	61.60	14.8	10
841515		0.40	<0.005	0.09	1.12	42.4	<0.2	<10	120	0.47	0.78	0.15	1.01	123.50	24.3	10
841516		0.22	<0.005	0.09	1.16	22.2	<0.2	<10	60	0.30	0.43	0.28	0.35	77.80	13.8	14
841517		0.30	<0.005	0.22	1.02	48.4	<0.2	<10	60	0.43	0.95	0.43	0.44	76.20	21.6	11
841518		0.50	<0.005	0.15	0.75	23.6	<0.2	<10	50	0.34	0.42	0.19	0.31	105.00	15.1	7
841519		0.36	<0.005	0.22	0.87	32.1	<0.2	<10	40	0.44	0.75	0.17	0.32	169.50	19.8	9
841520		0.34	<0.005	0.08	0.75	20.9	<0.2	<10	110	0.30	0.34	0.52	0.68	69.80	11.7	7
841521		0.40	<0.005	0.22	1.17	58.8	<0.2	<10	90	0.52	0.63	0.07	0.48	117.00	18.7	13
841522		0.52	<0.005	0.57	1.17	98.2	<0.2	<10	100	0.80	2.13	0.16	3.34	309.00	60.2	9
841523		0.36	<0.005	0.55	0.72	129.5	<0.2	<10	140	0.51	0.66	0.66	2.37	68.60	22.9	7
841524		0.68	0.006	0.56	1.09	72.2	<0.2	<10	80	0.99	1.62	0.37	1.83	>500	71.1	9
841525		0.02	0.006	0.01	0.01	0.5	<0.2	<10	10	<0.05	0.01	<0.01	0.02	1.67	0.1	<1
841526		0.34	<0.005	0.25	0.45	16.0	<0.2	<10	60	0.26	0.40	0.76	0.95	54.20	8.4	2
841527		0.44	<0.005	0.16	1.10	68.8	<0.2	<10	70	0.50	1.38	0.11	0.39	74.20	22.3	13
841528		0.42	<0.005	0.65	0.72	177.5	<0.2	<10	40	0.56	1.24	0.15	1.89	386.00	39.2	5
841529		0.52	<0.005	0.07	1.65	7.3	<0.2	<10	70	1.60	0.45	0.07	0.17	87.90	13.3	23
841530		0.38	<0.005	0.04	1.45	5.1	<0.2	<10	80	1.43	0.33	1.05	0.10	114.50	9.6	24
841531		0.26	<0.005	0.04	1.66	5.4	<0.2	<10	30	0.90	0.33	0.05	0.07	72.40	13.0	23
841532		0.28	<0.005	0.11	1.27	4.1	<0.2	<10	50	0.93	0.38	0.09	0.12	68.30	9.0	17
841533		0.46	<0.005	0.11	1.49	4.8	<0.2	<10	70	1.74	0.62	0.08	0.23	123.00	16.0	19
841534		0.24	<0.005	0.06	1.57	4.7	<0.2	<10	70	0.93	0.23	0.04	0.14	61.80	9.1	18
841535		0.30	<0.005	0.15	1.72	8.9	<0.2	<10	90	1.49	1.29	0.09	0.15	124.50	23.9	20
841536		0.48	0.006	3.50	2.29	325.0	<0.2	<10	110	2.61	2.38	0.02	0.71	165.50	36.0	28
841537		0.26	0.005	2.45	2.68	131.0	<0.2	<10	100	2.00	0.69	0.08	0.90	116.00	129.0	53
841538		0.22	<0.005	0.58	1.85	89.4	<0.2	<10	70	1.50	1.42	0.08	0.45	61.10	19.6	25
841539		0.42	<0.005	0.81	2.03	91.3	<0.2	<10	40	1.88	2.45	0.02	0.17	84.00	12.9	32
841540		0.32	0.011	0.40	2.42	36.5	<0.2	<10	100	2.03	1.29	0.12	0.45	148.50	28.7	34
841541		0.42	<0.005	0.81	2.06	89.2	<0.2	<10	60	2.26	2.34	0.03	0.23	171.50	8.6	25
841542		0.38	<0.005	0.58	1.90	98.1	<0.2	<10	70	2.46	3.31	0.01	0.10	188.50	7.4	27
841543		0.26	<0.005	0.62	2.78	96.7	<0.2	<10	120	2.27	2.76	0.03	0.17	202.00	12.5	27
841544		0.52	0.007	0.76	1.72	124.5	<0.2	<10	70	3.37	3.71	0.02	0.15	223.00	20.6	24
841545		0.46	0.010	0.65	2.01	92.5	<0.2	<10	50	3.04	3.01	0.02	0.27	394.00	62.4	27
841546		0.48	0.007	0.49	2.07	88.0	<0.2	<10	60	3.44	2.58	0.05	0.72	490.00	93.7	26
841547		0.42	0.014	0.20	1.91	95.2	<0.2	<10	50	2.91	1.65	0.07	0.55	421.00	100.5	21
841548		0.32	<0.005	0.17	1.85	28.4	<0.2	<10	40	1.37	0.96	0.04	0.21	265.00	26.0	23
841549		0.38	<0.005	0.26	2.35	15.4	<0.2	<10	70	1.85	2.34	0.04	0.14	214.00	14.4	29
841550		0.62	<0.005	0.92	2.63	25.1	<0.2	<10	100	2.56	4.24	0.03	0.19	288.00	29.8	33
841551		0.38	<0.005	0.31	2.35	31.9	<0.2	<10	60	2.73	1.49	0.05	0.53	>500	89.0	23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
841512		2.77	24.5	3.28	1.42	0.05	0.05	0.02	0.024	0.12	12.3	10.8	0.51	3150	2.46	0.01
841513		5.42	39.7	3.57	2.53	0.08	0.07	0.05	0.030	0.18	20.5	16.9	0.56	3390	3.57	0.01
841514		1.61	30.2	3.48	2.91	0.07	0.02	0.02	0.034	0.05	18.8	13.9	0.39	3300	1.08	0.01
841515		2.17	43.9	3.66	3.90	0.06	0.03	0.05	0.053	0.06	17.1	19.3	0.29	3930	1.86	0.01
841516		7.18	21.0	2.98	3.88	0.09	0.02	0.03	0.027	0.06	16.4	25.3	0.84	1790	0.99	0.01
841517		1.68	45.6	3.81	3.36	0.13	0.06	0.03	0.040	0.04	42.1	17.6	0.51	1950	2.76	0.01
841518		0.74	36.5	3.18	2.48	0.17	0.07	0.02	0.029	0.02	66.6	17.7	0.42	2080	0.96	0.01
841519		0.96	55.0	3.08	3.35	0.25	0.07	0.03	0.033	0.03	106.5	20.8	0.47	1390	1.56	0.01
841520		0.69	18.6	3.31	2.71	0.08	0.04	0.02	0.049	0.02	21.7	14.5	0.39	4360	0.87	0.01
841521		1.42	55.0	3.60	3.87	0.16	0.05	0.05	0.063	0.04	66.6	17.2	0.36	2170	1.24	0.01
841522		2.27	112.0	5.53	4.32	0.23	0.06	0.04	0.078	0.05	106.0	22.3	0.35	2870	2.81	0.02
841523		0.82	37.9	6.07	2.72	0.12	0.11	0.09	0.216	0.05	35.6	8.1	0.27	10500	1.82	0.01
841524		2.08	104.0	4.77	5.71	0.47	0.13	0.05	0.121	0.04	210.0	24.8	0.45	4060	3.99	0.01
841525		<0.05	0.7	0.01	0.13	<0.05	0.02	<0.01	<0.005	<0.01	0.7	0.1	<0.01	<5	0.06	0.01
841526		1.40	20.2	2.53	1.37	0.08	0.07	0.06	0.048	0.06	27.2	9.7	0.30	5460	0.74	0.01
841527		1.78	36.2	4.17	4.95	0.07	0.02	0.06	0.093	0.06	20.2	18.8	0.25	1645	2.28	0.01
841528		1.16	80.5	5.22	3.75	0.45	0.10	0.06	0.074	0.02	173.5	15.9	0.32	3470	2.52	0.01
841529		5.63	17.8	3.54	7.53	0.09	0.02	0.08	0.036	0.05	29.5	20.3	0.56	1300	1.96	0.01
841530		3.74	13.6	2.23	7.16	0.14	0.07	0.03	0.059	0.07	54.4	21.5	0.91	2000	1.25	0.02
841531		6.04	19.3	4.52	7.13	0.10	0.04	0.04	0.022	0.05	29.9	29.7	0.49	688	3.25	0.01
841532		4.22	14.4	2.89	7.28	0.08	0.02	0.06	0.020	0.07	30.6	13.6	0.34	576	1.24	0.02
841533		7.40	38.2	3.11	6.46	0.11	0.04	0.07	0.024	0.07	41.3	23.5	0.49	1050	9.64	0.01
841534		6.79	10.2	2.48	7.06	0.07	0.03	0.10	0.020	0.07	25.2	17.0	0.39	348	1.26	0.01
841535		15.15	107.5	4.06	7.12	0.14	0.04	0.08	0.043	0.07	51.1	31.3	0.34	2090	4.27	0.01
841536		6.75	1040.0	8.05	7.95	0.25	0.13	0.06	0.290	0.11	79.4	39.5	0.63	1255	18.70	0.05
841537		4.52	84.0	6.45	8.73	0.14	0.05	0.10	0.160	0.07	32.3	50.6	0.72	3920	12.10	0.02
841538		4.52	88.3	7.59	9.13	0.12	0.03	0.06	0.059	0.08	29.1	28.2	0.58	789	14.30	0.02
841539		5.04	98.7	11.45	7.12	0.19	0.04	0.05	0.063	0.07	44.2	18.6	0.45	518	16.25	0.02
841540		7.01	164.5	7.42	9.50	0.19	0.05	0.03	0.066	0.09	71.3	47.5	1.34	2130	7.73	0.02
841541		6.47	103.0	5.77	6.88	0.22	0.06	0.06	0.077	0.07	93.7	34.8	0.58	603	12.25	0.03
841542		6.39	128.5	7.02	7.01	0.21	0.06	0.02	0.085	0.07	106.0	41.6	0.54	504	12.60	0.05
841543		10.20	118.0	5.74	8.14	0.19	0.05	0.05	0.080	0.08	101.5	47.4	0.51	780	10.00	0.04
841544		6.34	167.0	7.13	6.76	0.21	0.09	0.02	0.112	0.06	107.5	38.2	0.47	611	15.60	0.06
841545		6.18	175.5	7.55	7.38	0.23	0.11	0.02	0.110	0.06	123.5	44.0	0.55	1080	10.85	0.03
841546		6.64	202.0	6.86	7.60	0.25	0.12	0.02	0.128	0.06	141.0	49.3	0.59	1410	9.13	0.03
841547		4.48	223.0	6.12	6.46	0.16	0.13	0.03	0.142	0.04	98.9	39.1	0.51	1030	6.83	0.02
841548		5.99	60.2	4.11	7.05	0.09	0.05	0.06	0.083	0.05	56.6	30.5	0.41	787	3.63	0.01
841549		12.65	95.9	5.82	8.15	0.17	0.09	0.03	0.055	0.07	117.5	52.9	0.51	859	5.85	0.01
841550		15.00	142.5	6.95	8.37	0.24	0.12	0.04	0.111	0.07	159.0	53.2	0.57	825	5.96	0.05
841551		8.28	105.5	4.69	9.33	0.29	0.14	0.05	0.081	0.06	125.5	49.9	0.54	1370	5.05	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
841512		0.21	21.2	590	26.7	15.9	<0.001	0.05	2.89	1.4	0.9	<0.2	9.4	<0.01	0.16	3.2
841513		0.40	34.4	830	50.7	32.5	<0.001	0.05	4.05	2.7	1.3	0.2	13.1	0.01	0.24	5.9
841514		0.31	23.6	610	29.3	9.5	<0.001	0.03	0.87	1.7	0.6	0.2	4.1	<0.01	0.07	3.6
841515		0.61	32.5	860	50.7	13.6	<0.001	0.05	1.61	1.7	0.8	0.2	7.3	0.01	0.10	5.0
841516		0.18	21.2	700	27.6	20.4	<0.001	0.06	0.94	1.7	0.6	0.2	8.5	<0.01	0.06	2.5
841517		0.40	34.0	740	32.2	8.5	<0.001	0.06	2.06	3.1	1.3	0.2	16.4	0.01	0.11	6.7
841518		0.16	30.5	670	38.0	3.0	<0.001	0.03	1.00	3.0	0.9	<0.2	7.3	0.01	0.08	12.1
841519		0.55	38.9	600	41.5	3.3	<0.001	0.03	2.52	2.6	1.2	<0.2	9.1	0.01	0.10	17.5
841520		0.18	17.3	620	37.3	4.1	<0.001	0.04	0.92	1.9	0.7	<0.2	12.5	<0.01	0.06	4.7
841521		0.46	34.4	610	34.3	7.8	<0.001	0.03	1.35	3.1	1.1	0.2	7.7	0.01	0.08	6.0
841522		1.43	74.9	800	62.6	6.3	<0.001	0.07	5.58	2.4	2.1	<0.2	14.0	0.01	0.24	26.3
841523		0.20	34.3	1280	63.6	5.5	<0.001	0.10	2.16	3.2	1.3	<0.2	28.4	0.01	0.08	5.7
841524		1.50	87.8	710	114.0	6.5	0.001	0.08	5.93	2.6	2.5	<0.2	19.3	0.02	0.17	29.9
841525		<0.05	0.4	10	0.6	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	0.01	0.4
841526		0.09	16.7	830	40.3	9.8	<0.001	0.08	1.93	1.7	1.1	<0.2	26.3	0.01	0.06	3.3
841527		1.02	25.8	810	29.7	10.9	<0.001	0.05	2.26	1.8	0.8	0.4	7.5	<0.01	0.11	7.6
841528		0.15	63.0	630	61.2	2.5	<0.001	0.05	3.33	3.5	2.1	<0.2	8.5	0.01	0.21	21.2
841529		0.62	29.3	1020	12.2	13.3	<0.001	0.04	0.62	2.2	0.8	0.8	6.2	<0.01	0.12	5.6
841530		0.47	32.9	970	6.8	21.0	0.001	0.08	0.37	20.0	1.8	0.4	9.7	0.01	0.13	5.8
841531		0.60	29.6	740	9.3	15.4	<0.001	0.03	0.62	2.0	0.7	0.4	5.0	<0.01	0.11	16.4
841532		0.37	20.2	1090	9.5	17.1	<0.001	0.06	0.57	1.3	0.8	0.5	4.8	<0.01	0.14	4.6
841533		0.37	32.6	980	12.1	16.7	<0.001	0.05	0.78	1.6	1.3	0.4	5.9	<0.01	0.27	9.0
841534		0.45	27.0	1040	8.7	18.5	<0.001	0.09	0.61	1.4	1.0	0.5	4.9	<0.01	0.08	4.9
841535		0.48	21.3	1320	21.3	19.5	<0.001	0.08	1.06	1.5	1.2	0.4	8.4	0.01	0.12	3.8
841536		0.33	55.6	1700	207.0	15.9	0.001	0.32	24.30	4.2	3.5	0.5	25.8	0.01	0.24	43.9
841537		1.78	163.0	960	1600.0	14.4	<0.001	0.14	34.10	3.2	1.7	0.8	14.4	0.02	0.11	6.5
841538		0.86	37.2	1080	90.1	22.5	<0.001	0.12	6.55	2.1	1.7	0.6	9.8	<0.01	0.17	5.4
841539		1.73	17.3	2330	111.5	13.1	<0.001	0.18	3.10	2.8	3.2	0.5	8.7	0.01	0.35	23.8
841540		1.88	41.5	1160	60.8	17.7	<0.001	0.08	2.24	6.6	2.1	1.1	8.6	0.01	0.18	13.2
841541		2.52	19.8	1560	72.3	12.3	<0.001	0.17	3.31	2.3	3.0	0.4	12.0	0.02	0.30	21.3
841542		1.56	21.1	1670	117.0	9.6	0.002	0.28	5.23	3.2	2.6	0.4	18.2	0.01	0.29	47.4
841543		1.43	22.8	1540	136.5	15.0	0.001	0.24	3.46	3.1	2.8	0.6	23.4	0.01	0.26	17.8
841544		1.30	38.3	1690	180.5	7.1	0.001	0.30	5.92	3.6	3.5	0.5	26.4	0.02	0.37	56.2
841545		1.23	93.9	1390	119.0	7.4	0.001	0.19	5.20	3.6	3.4	0.4	18.9	0.02	0.33	44.8
841546		1.10	141.0	940	134.5	8.0	<0.001	0.17	6.13	4.0	3.6	0.4	18.3	0.02	0.29	37.8
841547		1.22	137.0	1120	57.2	6.9	<0.001	0.11	3.99	4.1	2.8	0.4	20.8	0.02	0.22	23.8
841548		0.86	46.2	940	54.0	13.0	<0.001	0.05	2.09	1.9	1.7	0.6	9.1	0.01	0.11	4.5
841549		0.70	34.1	1570	51.1	14.0	<0.001	0.10	6.15	2.9	2.8	0.5	14.5	0.01	0.25	25.8
841550		0.97	61.2	1670	92.7	11.5	<0.001	0.22	8.59	4.9	2.9	0.5	23.4	0.01	0.31	54.6
841551		0.96	110.5	1060	92.4	12.1	<0.001	0.07	3.47	3.1	2.6	0.4	12.1	0.02	0.14	20.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
841512		0.015	0.19	1.04	5	0.07	14.25	204	0.9
841513		0.025	0.35	1.31	11	0.12	21.90	213	1.4
841514		0.013	0.12	0.80	14	0.10	6.50	173	<0.5
841515		0.012	0.16	1.22	16	0.11	5.77	304	<0.5
841516		0.019	0.23	0.71	13	0.08	7.20	131	<0.5
841517		0.009	0.11	2.02	16	0.11	14.90	164	1.1
841518		<0.005	0.05	0.93	6	0.10	19.85	138	1.0
841519		0.006	0.06	1.55	8	0.15	21.00	175	1.1
841520		0.006	0.06	0.59	8	0.07	6.88	163	0.7
841521		0.011	0.08	1.23	17	0.15	19.05	255	0.5
841522		<0.005	0.12	2.71	7	0.09	19.65	788	0.6
841523		0.008	0.12	1.81	11	0.12	17.80	532	2.1
841524		<0.005	0.15	2.66	7	0.12	32.80	657	1.4
841525		<0.005	<0.02	0.08	<1	<0.05	0.68	3	0.5
841526		0.005	0.14	0.83	3	0.07	19.20	230	1.3
841527		0.016	0.13	1.15	26	0.23	5.34	247	<0.5
841528		<0.005	0.05	2.67	4	0.11	31.80	655	1.6
841529		0.026	0.11	2.36	41	0.20	7.25	39	<0.5
841530		0.024	0.10	2.15	27	0.15	44.20	29	<0.5
841531		0.015	0.09	3.04	31	0.18	5.16	42	0.8
841532		0.010	0.12	2.94	29	0.16	7.05	69	<0.5
841533		0.013	0.14	5.49	28	0.16	12.10	108	<0.5
841534		0.011	0.19	1.24	28	0.14	5.88	97	0.5
841535		0.016	0.22	3.57	31	0.17	11.30	157	<0.5
841536		0.010	0.26	6.30	30	0.19	32.60	492	2.1
841537		0.105	0.19	4.51	70	0.20	17.60	697	1.2
841538		0.038	0.23	3.39	49	0.28	12.10	324	<0.5
841539		0.069	0.20	4.02	31	0.24	15.75	148	0.6
841540		0.065	0.17	5.22	69	0.47	26.80	188	0.5
841541		0.026	0.19	7.21	22	0.28	27.20	177	<0.5
841542		0.045	0.16	11.30	18	0.37	22.00	137	0.9
841543		0.037	0.26	12.20	33	0.31	18.55	117	<0.5
841544		0.027	0.20	11.65	18	0.49	33.70	145	1.4
841545		0.026	0.17	9.22	18	0.98	45.20	256	2.5
841546		0.025	0.15	7.50	20	0.72	60.90	356	2.3
841547		0.029	0.13	6.72	29	0.56	45.10	306	2.2
841548		0.025	0.17	2.75	34	0.30	23.00	143	<0.5
841549		0.015	0.22	4.85	29	0.28	24.60	123	1.7
841550		0.026	0.25	8.16	32	0.33	26.70	181	4.0
841551		0.017	0.19	9.66	26	0.28	42.90	448	2.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
841552		0.48	<0.005	0.30	2.24	44.7	<0.2	<10	60	2.47	2.13	0.04	0.33	412.00	55.4	24
841553		0.46	<0.005	0.28	2.01	42.0	<0.2	<10	60	2.18	1.73	0.08	0.31	339.00	75.3	24
841554		0.54	<0.005	0.23	2.24	52.6	<0.2	<10	60	2.39	3.31	0.04	0.19	403.00	49.7	28
841555		0.46	<0.005	0.43	2.36	72.6	<0.2	<10	70	4.32	2.71	0.05	0.58	>500	167.0	27
841556		0.36	<0.005	0.17	2.10	21.4	<0.2	<10	70	1.37	0.77	0.06	0.22	173.00	31.6	23
841557		0.26	<0.005	0.17	1.68	30.5	<0.2	<10	60	1.60	1.37	0.08	0.32	89.30	25.6	22
841558		0.38	<0.005	0.25	2.21	18.4	<0.2	<10	70	1.07	0.60	0.07	0.29	78.30	19.6	23
841559		0.44	<0.005	0.37	2.16	35.3	<0.2	<10	70	3.05	1.57	0.03	0.71	394.00	54.7	23
841560		0.42	<0.005	0.19	1.75	25.9	<0.2	<10	70	1.69	1.38	0.12	0.37	204.00	57.0	21
841561		0.26	0.007	0.46	1.99	18.2	<0.2	<10	70	1.59	1.67	0.05	0.17	108.00	19.1	22
841562		0.36	<0.005	0.31	1.75	23.8	<0.2	<10	50	0.97	1.20	0.04	0.11	75.60	16.2	20
841563		0.32	<0.005	0.12	2.11	17.4	<0.2	<10	50	1.05	0.90	0.09	0.15	89.60	30.8	21
841564		0.50	<0.005	0.22	1.89	21.4	<0.2	<10	50	1.85	1.14	0.07	0.38	160.00	31.2	21

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
841552		8.54	135.0	5.59	7.41	0.22	0.09	0.03	0.083	0.06	139.5	53.2	0.52	876	3.83	0.02
841553		4.55	145.0	4.83	6.42	0.20	0.12	0.04	0.060	0.05	116.0	42.8	0.48	942	3.55	0.02
841554		4.70	151.5	6.46	8.06	0.22	0.12	0.04	0.088	0.05	148.0	47.2	0.52	853	6.52	0.04
841555		7.56	208.0	6.56	8.77	0.35	0.16	0.01	0.129	0.06	176.5	66.3	0.59	2690	7.32	0.03
841556		3.59	54.6	3.93	5.72	0.08	0.05	0.03	0.044	0.06	45.6	31.8	0.47	739	2.34	0.01
841557		3.87	73.8	4.56	5.02	0.07	0.03	0.04	0.058	0.04	43.3	29.5	0.39	508	4.62	0.01
841558		1.92	40.1	4.04	5.64	0.08	0.06	0.03	0.043	0.06	33.0	29.1	0.45	648	2.34	0.01
841559		5.78	108.5	4.95	7.19	0.21	0.09	0.01	0.087	0.08	132.5	54.7	0.63	1070	4.01	0.02
841560		2.88	106.0	4.48	5.39	0.16	0.11	0.05	0.061	0.05	76.9	37.1	0.47	1050	3.36	0.01
841561		6.71	68.9	4.39	5.98	0.08	0.04	0.06	0.044	0.06	52.9	45.5	0.37	590	3.33	0.02
841562		3.42	57.3	4.55	6.96	0.06	0.03	0.03	0.041	0.05	39.0	32.5	0.29	540	2.62	0.01
841563		2.15	72.5	3.66	5.01	0.06	0.07	0.06	0.042	0.04	34.1	27.5	0.37	585	1.76	<0.01
841564		2.83	71.2	4.39	5.92	0.15	0.06	0.01	0.048	0.06	79.0	49.8	0.64	714	3.19	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
841552		0.63	87.3	1150	48.9	10.2	<0.001	0.13	6.03	3.4	2.2	0.3	11.8	0.01	0.15	38.3
841553		0.87	110.5	1100	30.6	9.4	<0.001	0.11	3.04	3.4	2.4	0.4	15.6	0.01	0.12	20.0
841554		1.81	99.7	1460	39.6	9.8	<0.001	0.17	3.75	3.3	3.2	0.5	22.2	0.02	0.22	23.1
841555		1.22	245.0	1060	42.1	9.4	0.001	0.12	3.79	4.2	3.6	0.4	16.4	0.03	0.22	35.2
841556		0.92	53.1	710	28.6	11.1	<0.001	0.04	1.25	2.9	1.2	0.4	10.1	0.01	0.09	9.5
841557		0.61	54.8	880	26.3	7.1	<0.001	0.07	1.94	1.9	1.4	0.4	14.8	0.01	0.15	3.1
841558		0.99	32.1	830	23.8	11.3	<0.001	0.03	0.98	3.2	1.1	0.4	10.9	0.01	0.09	7.3
841559		0.56	82.2	670	131.0	9.8	<0.001	0.09	3.35	3.1	2.1	0.4	10.4	0.02	0.13	30.8
841560		1.00	96.5	880	19.7	8.5	<0.001	0.05	2.03	3.9	2.0	0.3	15.2	0.01	0.09	19.7
841561		1.36	51.0	940	17.3	13.7	<0.001	0.11	3.37	2.2	1.7	0.5	16.2	0.01	0.16	9.9
841562		1.17	34.8	1010	19.2	14.2	<0.001	0.05	1.70	2.4	1.1	0.5	11.3	0.01	0.14	9.3
841563		1.09	46.8	930	17.5	8.0	<0.001	0.03	1.24	2.7	1.4	0.3	9.3	0.01	0.09	13.5
841564		0.64	62.0	590	32.0	6.7	<0.001	0.06	2.07	2.6	1.5	0.3	11.5	0.01	0.10	20.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 22-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071208

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
841552		0.013	0.16	7.22	25	0.17	30.10	268	1.6
841553		0.024	0.15	6.29	31	0.24	38.50	200	1.8
841554		0.025	0.16	5.45	30	0.34	54.90	237	1.5
841555		0.030	0.17	10.05	24	0.38	83.70	556	2.8
841556		0.029	0.14	2.47	37	0.38	16.00	165	0.9
841557		0.032	0.12	3.08	34	0.68	16.95	138	<0.5
841558		0.032	0.13	1.88	40	0.37	13.00	110	1.2
841559		0.010	0.13	6.53	17	0.45	44.20	462	1.5
841560		0.032	0.12	4.88	32	0.34	43.80	216	1.5
841561		0.032	0.14	4.36	30	0.25	23.20	118	<0.5
841562		0.024	0.13	2.60	39	0.21	12.60	95	<0.5
841563		0.027	0.12	2.64	31	0.22	13.45	98	1.3
841564		0.018	0.06	3.74	17	0.33	35.80	193	1.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 26-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071209

Project: Werneckes

P.O. No.: FRG07-01

This report is for 11 Rock Chip samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

DARCY BAKER	MARK BAKNES	ROB DUNCAN
IAN DUNLOP	QUITY ENGINEERING GENERA	WES HODSON
DAVE KURAN	CHRIS LEE	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 26-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071209

Sample Description	Method	WEI-21	Au-AA23	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E840046		0.04	0.064	0.02	10.10	1.8	970	3.71	0.32	0.29	<0.02	107.00	15.3	83	17.80	3.8
E840047		0.02	0.007	0.02	9.48	2.2	860	3.47	0.30	0.14	0.02	80.00	12.3	81	15.40	1.7
E840048		0.02	0.010	0.05	9.94	1.8	870	3.70	0.17	0.10	0.03	91.70	11.7	83	17.15	4.7
E840049		0.04	0.006	0.01	8.89	2.4	870	2.96	0.23	0.14	0.02	81.70	11.8	82	14.05	1.5
E840050		0.02	<0.005	0.05	9.55	2.4	700	3.27	0.51	0.26	0.04	187.00	14.0	109	16.80	47.6
E840051		0.02	0.012	<0.01	9.19	1.0	740	3.09	0.24	0.12	<0.02	94.50	10.5	112	14.50	13.6
E840052		0.02	<0.005	<0.01	9.77	1.9	920	3.61	0.15	0.15	0.03	143.00	10.6	86	17.35	6.5
E840053		0.02	0.005	<0.01	8.28	5.7	860	2.88	0.33	0.18	0.02	91.40	8.5	88	13.65	4.3
E840054		0.04	0.005	<0.01	7.76	3.0	810	2.97	0.23	0.15	0.03	96.30	5.8	109	13.90	3.8
E840055		0.02	<0.005	0.02	8.97	3.7	830	3.32	0.31	0.17	0.03	100.00	12.5	110	16.05	3.7
E840056		Not Recvd														

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 26-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071209

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E840046		4.73	32.40	0.17	2.5	0.069	3.03	53.9	74.2	0.92	577	0.50	0.69	5.1	46.6	520
E840047		4.05	28.90	0.15	2.8	0.057	2.55	36.9	53.7	0.79	590	0.50	0.77	6.7	32.2	300
E840048		3.99	31.60	0.15	2.3	0.067	3.34	41.4	39.1	0.90	429	0.70	0.79	7.0	30.8	420
E840049		4.51	25.50	0.14	2.1	0.055	2.49	38.6	44.3	0.85	483	0.60	0.80	6.3	31.6	360
E840050		3.95	29.70	0.21	3.4	0.069	2.96	76.9	38.7	0.86	749	0.71	0.99	8.6	34.3	620
E840051		3.43	26.80	0.15	2.5	0.057	3.13	45.5	25.2	0.76	558	0.36	0.85	7.4	24.8	510
E840052		3.10	32.20	0.20	2.3	0.075	3.41	68.8	22.6	0.77	394	0.64	1.14	10.1	28.3	510
E840053		3.77	26.10	0.17	2.8	0.059	2.12	47.0	30.2	0.56	562	1.04	0.82	11.2	21.7	350
E840054		2.90	25.10	0.16	2.8	0.055	2.01	48.9	28.1	0.39	251	0.70	0.81	11.0	16.2	400
E840055		4.04	28.50	0.18	2.8	0.066	2.31	50.2	40.9	0.67	621	0.82	0.84	9.6	28.2	360
E840056																

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071209

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1
E840046		16.0	238.0	<0.002	<0.01	1.35	17.9	2	3.4	126.5	0.42	0.11	19.2	0.185	1.50	3.6
E840047		20.6	213.0	<0.002	<0.01	1.18	15.3	2	3.0	135.0	0.55	0.10	17.9	0.190	1.48	3.4
E840048		13.6	259.0	<0.002	<0.01	1.16	17.3	2	3.5	77.8	0.55	0.08	19.0	0.196	2.30	3.2
E840049		18.5	192.0	<0.002	0.01	1.19	14.2	1	2.6	122.0	0.49	0.15	16.0	0.214	1.48	2.8
E840050		15.1	220.0	<0.002	0.01	1.45	17.1	2	3.4	95.4	0.73	0.27	28.5	0.211	2.12	5.4
E840051		10.8	217.0	<0.002	0.01	0.95	14.6	2	3.1	58.5	0.60	0.12	17.3	0.190	2.20	3.4
E840052		10.1	254.0	<0.002	<0.01	1.15	17.1	2	3.7	63.1	0.77	0.10	22.2	0.223	2.33	3.9
E840053		17.4	171.5	0.002	0.01	1.42	14.2	2	2.9	125.5	0.84	0.14	14.1	0.295	1.27	2.8
E840054		16.9	160.0	<0.002	0.02	1.29	13.9	2	2.9	128.5	0.85	0.09	14.0	0.297	1.25	3.1
E840055		19.6	187.5	<0.002	0.01	1.40	15.4	2	2.9	143.5	0.75	0.12	17.1	0.261	1.42	3.2
E840056																

Comments: REE's may not be totally soluble in MS61 method.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071209

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	1	0.1	0.1	2	0.5
E840046		88	1.1	9.8	38	77.3
E840047		73	1.3	8.6	31	85.7
E840048		76	1.6	8.8	37	71.7
E840049		77	1.2	7.3	40	65.7
E840050		78	1.7	13.3	58	103.5
E840051		72	1.6	8.5	36	80.0
E840052		72	1.5	9.0	32	70.9
E840053		93	1.8	9.8	36	86.8
E840054		82	1.8	9.8	30	88.2
E840055		84	1.7	10.6	49	88.2
E840056						

Comments: REE's may not be totally soluble in MS61 method.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071730

Project: Werneckes

P.O. No.: FRG07-01

This report is for 32 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840152		0.02	<0.005	0.05	2.98	1.9	<0.2	<10	60	0.69	0.44	0.06	0.04	50.50	15.9	25
E840153		0.02	<0.005	0.05	2.17	0.9	<0.2	<10	50	0.72	0.19	0.05	0.03	103.50	12.8	20
E840154		0.02	<0.005	0.05	1.93	8.0	<0.2	<10	90	0.99	0.35	0.12	0.12	79.10	14.3	23
E840155		0.02	<0.005	0.12	1.61	4.3	<0.2	<10	70	0.51	0.56	0.05	0.85	56.90	10.7	21
E840156		0.04	<0.005	0.05	1.18	1.4	<0.2	<10	50	0.31	0.14	0.03	0.03	54.10	7.6	32
E840158		<0.02	NSS	0.18	0.27	1.0	<0.2	<10	90	0.21	0.11	0.20	0.31	32.50	2.1	113
E840159		<0.02	NSS	0.15	0.60	2.3	<0.2	<10	80	0.30	0.18	0.07	0.14	22.00	3.0	57
E840160		0.02	<0.005	0.02	1.70	1.1	<0.2	<10	40	0.41	0.17	0.03	0.02	71.00	12.0	51
E840162		0.02	NSS	0.04	1.53	7.9	<0.2	<10	1490	1.21	0.59	0.42	0.10	56.50	21.2	58
E840163		0.04	<0.005	0.04	1.92	16.7	<0.2	<10	200	0.56	0.34	0.08	0.06	66.50	14.9	47
E840164		0.02	0.027	0.11	3.08	22.6	<0.2	<10	250	1.03	1.88	0.20	0.06	62.20	30.3	57
E840165		0.02	<0.005	0.02	4.97	5.2	<0.2	<10	240	0.87	0.61	0.13	0.04	57.50	19.1	67
E840166		<0.02	NSS	0.15	0.59	7.0	<0.2	<10	1230	0.46	0.58	1.13	0.30	29.10	14.2	18
E840167		0.02	<0.005	0.04	3.76	8.2	<0.2	<10	380	0.85	0.72	0.16	0.09	84.20	21.1	68
E840168		0.04	<0.005	0.06	3.85	10.2	<0.2	<10	470	1.09	5.91	1.08	0.03	105.00	23.5	50
E840169		Not Recvd														
E840170		0.02	0.007	0.13	1.46	59.2	<0.2	<10	210	0.84	1.33	0.44	0.13	38.40	40.6	38
E840171		0.02	<0.005	0.08	1.02	14.2	<0.2	<10	50	0.66	0.78	0.02	0.03	66.20	11.2	25
E840172		0.02	0.010	0.15	2.26	45.3	<0.2	<10	140	2.22	2.57	0.03	0.05	79.40	82.2	36
E840173		0.02	<0.005	0.05	1.45	4.3	<0.2	<10	340	0.38	0.35	0.09	0.10	39.20	16.4	34
E840174		0.02	0.019	0.02	1.54	4.7	<0.2	<10	280	0.49	0.19	0.13	0.08	99.70	12.4	61
E840175		0.02	<0.005	0.07	1.99	53.9	<0.2	<10	420	1.17	0.74	0.14	0.20	85.40	40.8	46
E840176		0.04	<0.005	0.13	3.12	42.9	<0.2	<10	260	1.06	1.34	0.07	0.06	100.00	49.6	49
E840177		0.02	<0.005	0.46	1.43	25.1	<0.2	<10	240	0.82	0.88	0.09	0.15	55.60	17.0	29
E840178		0.04	<0.005	0.27	1.92	39.7	<0.2	<10	120	1.40	1.82	0.02	0.18	79.70	22.8	41
E840179		0.02	0.005	0.04	1.09	5.5	<0.2	<10	280	0.21	0.28	0.13	0.12	78.60	12.9	46
E840180		0.02	<0.005	0.03	1.72	5.8	<0.2	<10	360	0.65	0.32	0.52	0.08	46.80	11.9	37
E840181		0.02	0.013	0.25	2.74	54.9	<0.2	<10	60	1.70	2.86	0.02	0.06	97.20	31.7	44
E840182		0.08	0.100	2.02	2.48	977.0	<0.2	<10	80	3.31	4.64	0.03	0.20	81.50	92.5	35
E840183		0.04	0.041	0.29	2.42	104.5	<0.2	<10	60	1.39	5.97	0.03	0.07	93.90	12.1	29
E840184		0.02	0.005	0.13	2.73	46.7	<0.2	<10	50	1.05	4.63	0.02	0.07	85.60	6.5	24
E840185		0.02	<0.005	0.24	2.59	82.3	<0.2	<10	40	1.54	5.33	0.03	0.09	69.70	15.2	23

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840152		1.37	2.1	4.46	5.57	0.07	0.03	0.01	0.041	0.15	16.6	93.5	1.12	1880	0.40	0.02
E840153		1.41	21.8	3.19	6.60	0.11	0.08	0.01	0.012	0.20	58.7	35.4	0.77	643	0.37	0.06
E840154		1.92	45.6	3.43	5.57	0.07	0.09	0.03	0.021	0.11	29.2	32.5	0.69	592	0.97	0.02
E840155		1.30	26.0	3.31	6.24	0.07	0.06	0.02	0.015	0.16	27.7	23.8	0.57	521	0.69	0.04
E840156		0.96	3.5	2.21	5.24	0.07	<0.02	0.02	0.007	0.11	27.8	14.8	0.43	389	0.36	0.03
E840158		0.49	13.2	0.54	0.99	0.05	0.02	0.10	0.006	0.08	22.7	1.1	0.05	82	0.81	0.03
E840159		0.96	16.3	1.17	2.43	<0.05	<0.02	0.09	0.010	0.08	12.8	3.7	0.12	102	0.84	0.03
E840160		1.20	2.7	3.16	6.30	0.08	0.03	0.02	0.010	0.15	35.6	23.8	0.69	581	0.45	0.05
E840162		0.53	33.5	4.45	7.48	0.08	0.07	0.04	0.104	0.20	24.2	28.1	0.83	3970	0.90	0.03
E840163		0.44	13.4	4.24	7.61	0.08	0.03	0.03	0.043	0.14	33.5	31.5	1.42	2050	0.70	0.01
E840164		0.76	29.8	6.17	13.40	0.10	0.08	0.04	0.059	0.15	30.7	53.5	2.12	2780	1.92	0.01
E840165		0.54	10.6	7.72	19.50	0.12	0.07	0.01	0.030	0.13	31.5	80.0	3.74	1260	1.27	0.02
E840166		0.63	18.8	1.27	2.80	<0.05	0.04	0.11	0.027	0.10	24.9	6.2	0.30	3550	1.51	0.02
E840167		0.42	26.0	5.97	17.40	0.13	0.07	0.01	0.038	0.16	45.7	62.7	3.03	1990	2.88	0.02
E840168		1.18	40.1	5.64	11.45	0.13	0.08	0.01	0.084	0.24	59.8	72.3	3.63	2160	2.40	0.02
E840169																
E840170		0.56	136.0	4.00	7.28	0.07	0.03	0.09	0.058	0.18	20.6	18.1	0.73	1515	4.63	0.02
E840171		0.47	163.5	1.62	3.96	0.06	0.05	0.03	0.026	0.26	34.6	9.2	0.35	159	3.04	0.01
E840172		1.62	343.0	4.12	6.69	0.11	0.06	0.04	0.097	0.20	39.7	35.7	1.27	2310	10.45	0.02
E840173		0.38	10.8	3.83	8.76	0.06	0.02	0.03	0.042	0.11	21.8	17.1	0.78	3330	1.57	0.02
E840174		0.35	3.4	5.26	7.94	0.10	0.05	0.01	0.055	0.23	30.4	22.7	0.80	3090	0.89	0.02
E840175		0.41	72.8	5.69	8.32	0.09	0.07	0.03	0.045	0.18	26.4	29.0	0.89	3520	4.95	0.02
E840176		0.49	114.0	5.63	9.86	0.12	0.08	0.03	0.063	0.18	50.8	46.5	1.96	2270	7.43	0.03
E840177		0.58	108.0	3.19	5.02	0.08	0.13	0.03	0.032	0.18	33.2	15.1	0.55	721	6.54	0.04
E840178		0.96	206.0	5.74	6.75	0.12	0.06	0.08	0.045	0.17	39.6	24.3	1.10	1085	4.16	0.01
E840179		0.38	7.3	4.01	6.51	0.08	0.05	0.01	0.043	0.21	32.1	11.5	0.59	3490	0.90	0.01
E840180		0.67	10.6	2.99	6.31	0.06	0.08	0.02	0.038	0.19	26.5	21.1	1.36	1890	1.66	0.01
E840181		1.64	303.0	3.93	6.93	0.12	0.07	0.06	0.066	0.23	48.8	45.9	2.20	243	7.87	0.01
E840182		1.92	850.0	8.99	6.48	0.17	0.10	0.73	0.131	0.12	40.8	28.0	1.10	922	11.55	0.01
E840183		1.47	235.0	3.78	5.42	0.11	0.08	0.05	0.074	0.26	45.7	41.3	1.86	119	7.10	0.01
E840184		1.75	94.4	3.03	6.02	0.10	0.06	0.02	0.031	0.18	42.3	46.0	2.33	123	7.65	0.01
E840185		1.23	152.5	3.58	5.27	0.10	0.10	0.04	0.046	0.15	34.7	46.5	2.64	193	7.06	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840152		0.09	36.5	410	5.3	11.0	<0.001	0.01	0.13	4.1	0.3	0.2	2.3	<0.01	0.21	18.4
E840153		0.07	33.9	300	3.4	15.4	<0.001	<0.01	0.13	2.5	0.4	0.3	7.4	<0.01	0.07	22.8
E840154		0.59	35.7	660	9.9	10.7	<0.001	0.01	0.52	2.9	0.6	0.3	9.0	<0.01	0.08	18.3
E840155		0.49	27.1	380	30.5	14.9	<0.001	0.02	0.28	2.3	0.3	0.5	7.1	<0.01	0.04	15.1
E840156		0.18	21.3	340	2.8	10.5	<0.001	0.01	0.12	1.6	0.3	0.3	4.7	<0.01	0.02	9.4
E840158		0.10	8.0	1200	3.0	4.5	<0.001	0.10	0.28	1.2	0.7	0.4	8.1	<0.01	0.02	2.2
E840159		0.32	8.1	1010	4.3	6.1	<0.001	0.08	0.25	0.6	0.7	0.3	6.6	<0.01	0.04	0.3
E840160		0.13	31.6	390	2.7	11.6	<0.001	0.01	0.19	2.0	0.4	0.4	5.8	<0.01	0.03	13.6
E840162		0.29	37.1	990	6.0	14.2	<0.001	0.05	0.87	11.7	0.6	0.7	10.1	<0.01	0.05	6.7
E840163		0.28	21.2	710	4.0	7.7	<0.001	0.03	0.79	3.8	0.3	0.8	2.8	<0.01	0.03	5.2
E840164		0.24	41.3	950	14.8	7.5	<0.001	0.07	1.73	9.4	0.6	0.9	3.8	<0.01	0.05	9.5
E840165		0.17	49.0	700	3.0	7.1	<0.001	0.02	0.52	8.8	0.4	0.7	3.2	<0.01	0.04	9.9
E840166		0.16	11.8	1810	6.8	5.1	<0.001	0.22	0.55	2.2	1.0	0.2	15.9	<0.01	0.05	1.1
E840167		0.10	50.5	1010	2.3	8.9	<0.001	0.03	0.43	9.9	0.3	0.6	3.6	<0.01	0.06	7.5
E840168		0.06	34.9	930	2.1	8.9	<0.001	0.03	0.46	12.2	0.4	0.8	6.3	<0.01	0.04	14.9
E840169																
E840170		0.25	33.3	990	12.9	11.0	<0.001	0.09	2.49	5.1	1.0	0.4	7.6	<0.01	0.08	3.8
E840171		0.08	17.2	410	6.9	13.3	<0.001	0.03	0.86	1.2	0.5	0.2	1.8	<0.01	0.03	5.7
E840172		0.16	79.2	580	12.5	11.2	<0.001	0.02	1.43	4.8	1.1	0.2	2.9	<0.01	0.08	12.5
E840173		0.15	20.1	1010	4.9	6.9	<0.001	0.05	0.31	4.9	0.5	0.4	2.4	<0.01	0.04	5.0
E840174		0.14	30.2	760	3.7	9.9	<0.001	0.01	0.43	6.1	0.3	0.7	2.2	<0.01	0.03	10.6
E840175		0.18	54.3	850	6.8	9.8	<0.001	0.04	1.46	4.9	0.6	0.6	4.3	<0.01	0.08	10.8
E840176		0.07	46.4	670	9.3	9.0	0.001	0.08	1.22	5.2	0.9	0.3	3.8	<0.01	0.21	13.3
E840177		0.09	26.9	810	10.6	10.3	0.001	0.14	2.62	2.4	0.8	0.2	8.3	<0.01	0.09	8.6
E840178		0.08	52.7	610	19.1	8.4	0.001	0.06	2.88	2.5	0.7	0.3	2.1	<0.01	0.11	14.3
E840179		0.12	17.5	1010	5.2	9.8	<0.001	0.05	0.58	2.7	0.4	0.5	2.4	<0.01	0.04	6.1
E840180		0.08	18.0	850	3.3	6.2	<0.001	0.05	0.37	7.7	0.5	0.3	3.7	<0.01	0.03	12.2
E840181		0.11	50.3	540	16.7	11.3	<0.001	0.04	5.79	2.6	0.9	0.3	2.8	<0.01	0.11	12.0
E840182		0.26	123.5	1000	69.8	7.8	<0.001	0.09	36.60	3.7	2.4	0.3	5.1	0.01	0.48	23.4
E840183		0.09	19.0	770	21.9	11.3	<0.001	0.05	3.47	2.0	1.0	0.2	4.7	<0.01	0.18	14.8
E840184		0.11	9.1	690	14.8	9.3	<0.001	0.05	2.78	1.8	0.6	0.2	4.0	<0.01	0.12	9.7
E840185		0.14	16.2	860	18.0	7.1	0.001	0.05	4.13	2.0	0.9	0.2	3.1	<0.01	0.15	7.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840152		<0.005	0.11	1.85	18	0.31	3.01	37	1.1
E840153		0.005	0.14	2.41	15	0.07	5.73	64	2.5
E840154		0.026	0.10	1.99	29	0.13	5.25	69	2.8
E840155		0.030	0.15	1.22	29	0.60	2.97	185	2.0
E840156		0.019	0.09	1.01	18	0.10	2.06	36	<0.5
E840158		0.006	0.02	1.31	4	0.21	4.65	17	0.5
E840159		0.011	0.07	1.28	13	0.13	2.12	15	<0.5
E840160		0.023	0.08	1.30	23	0.07	2.42	34	0.6
E840162		0.018	0.11	1.82	79	0.59	8.67	52	1.4
E840163		0.023	0.20	1.64	45	0.58	1.87	37	0.7
E840164		0.016	1.16	2.43	64	0.40	4.44	66	2.4
E840165		0.011	0.07	1.31	94	0.18	1.97	87	2.3
E840166		0.009	0.14	1.07	15	0.09	3.55	43	0.9
E840167		0.009	0.06	1.50	128	0.19	2.95	74	1.7
E840168		0.014	1.34	1.91	70	0.24	7.57	46	2.4
E840169									
E840170		0.011	0.16	2.92	67	0.17	3.87	62	0.9
E840171		<0.005	0.14	2.74	11	0.11	3.55	19	1.1
E840172		0.006	0.13	8.34	23	0.13	7.94	36	1.5
E840173		0.009	0.09	1.44	50	0.28	2.30	31	0.5
E840174		0.025	0.19	2.18	40	0.78	5.29	37	1.3
E840175		0.011	0.69	3.02	51	0.30	6.06	62	1.8
E840176		<0.005	0.47	3.29	57	0.13	5.57	52	2.9
E840177		<0.005	0.26	2.18	19	0.13	5.13	30	3.6
E840178		0.011	0.36	3.04	29	0.29	6.49	79	1.7
E840179		0.017	0.14	1.33	30	0.40	2.17	38	1.1
E840180		<0.005	<0.02	2.08	27	0.23	5.57	39	2.0
E840181		0.005	<0.02	6.49	23	0.12	5.27	53	2.2
E840182		0.021	<0.02	7.97	34	0.15	11.50	195	5.6
E840183		<0.005	<0.02	4.80	17	0.15	4.29	55	4.1
E840184		0.005	<0.02	2.25	18	0.21	3.05	43	2.7
E840185		0.006	<0.02	2.74	20	0.14	3.09	53	2.8

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 14-AUG-2007
Account: EIAFRG

CERTIFICATE VA07076093

Project: Werneckes

P.O. No.: FRG07-01

This report is for 200 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07076093

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841801	0.28	<0.005	0.11	1.53	26.1	<0.2	<10	100	0.96	2.23	0.11	0.24	41.60	25.4	25
E841802	0.32	<0.005	0.18	1.52	26.2	<0.2	<10	150	0.80	1.53	0.17	0.28	39.40	25.0	25
E841803	0.22	0.005	0.06	1.22	8.3	<0.2	<10	60	0.46	0.92	0.01	0.05	64.60	14.8	14
E841804	0.28	<0.005	0.02	0.97	9.5	<0.2	<10	30	0.31	1.02	0.01	0.06	40.70	13.8	16
E841805	0.32	<0.005	0.04	0.70	10.6	<0.2	<10	50	0.17	0.88	0.02	0.06	35.00	8.7	12
E841806	0.34	<0.005	0.06	0.67	15.3	<0.2	<10	50	0.40	2.11	0.03	0.13	32.40	21.6	10
E841807	0.28	0.008	0.13	1.28	42.3	<0.2	<10	70	0.85	3.87	0.01	0.19	46.30	40.7	16
E841808	0.30	<0.005	0.15	1.78	15.8	<0.2	<10	140	0.95	1.60	0.40	0.23	24.90	19.0	25
E841809	0.40	<0.005	0.04	0.77	16.9	<0.2	<10	50	0.33	2.05	0.01	0.06	36.50	14.3	12
E841810	0.24	0.015	0.06	0.96	13.3	<0.2	<10	70	0.46	1.13	0.01	0.07	49.50	12.9	11
E841811	0.28	<0.005	0.03	1.01	15.6	<0.2	<10	60	0.31	1.33	0.01	0.03	47.80	10.1	14
E841812	0.34	<0.005	0.02	0.85	13.9	<0.2	<10	50	0.19	1.33	0.02	0.03	48.80	8.7	15
E841813	0.26	<0.005	0.05	1.16	16.1	<0.2	<10	60	0.34	1.67	0.02	0.06	41.70	11.9	17
E841814	0.26	0.005	0.04	1.18	15.7	<0.2	<10	60	0.33	1.77	0.02	0.06	43.60	11.6	17
E841815	0.18	<0.005	0.04	1.86	11.3	<0.2	<10	90	0.31	0.60	0.13	0.08	33.40	6.3	26
E841816	0.30	0.005	0.03	0.84	10.9	<0.2	<10	40	0.20	1.05	0.04	0.06	47.60	8.5	13
E841817	0.24	0.019	0.17	2.19	12.5	<0.2	<10	160	1.04	0.95	0.30	0.24	33.40	14.9	29
E841818	0.44	0.028	0.05	0.97	17.7	<0.2	<10	30	0.25	1.83	0.01	0.05	37.70	14.5	14
E841819	0.30	<0.005	0.05	1.10	17.8	<0.2	<10	40	0.26	1.46	0.05	0.12	32.10	13.5	17
E841820	0.22	<0.005	0.06	2.20	13.4	<0.2	<10	100	0.77	0.67	0.07	0.19	31.00	16.8	29
E841821	0.36	<0.005	0.06	1.67	21.8	<0.2	<10	50	0.39	1.69	0.02	0.09	25.40	18.0	22
E841822	0.34	<0.005	0.04	1.48	11.0	<0.2	<10	100	0.56	0.77	0.25	0.16	29.60	8.5	22
E841823	0.20	0.005	0.07	1.15	10.5	<0.2	<10	80	0.29	0.87	0.06	0.07	31.90	6.4	17
E841824	0.22	<0.005	0.03	1.60	11.9	<0.2	<10	80	0.49	0.72	0.05	0.09	36.40	9.2	21
E841825	0.24	<0.005	0.05	1.16	14.9	<0.2	<10	110	0.30	1.08	0.09	0.10	23.60	7.8	20
E841826	0.28	<0.005	0.03	0.81	10.8	<0.2	<10	60	0.25	1.17	0.03	0.07	34.60	6.7	11
E841827	0.02	<0.005	0.01	0.01	0.4	<0.2	<10	10	<0.05	0.01	0.01	0.01	0.98	0.1	<1
E841828	0.26	<0.005	0.03	1.55	12.0	<0.2	<10	100	0.48	0.80	0.06	0.07	40.30	8.4	21
E841829	0.32	<0.005	0.03	1.20	10.9	<0.2	<10	60	0.33	0.81	0.01	0.10	41.50	15.1	14
E841830	0.48	<0.005	0.03	1.06	11.2	<0.2	<10	70	0.33	0.91	0.02	0.07	39.90	15.7	13
E841831	0.30	<0.005	0.06	1.50	14.9	<0.2	<10	120	0.54	0.80	0.09	0.09	44.60	15.5	21
E841832	0.30	<0.005	0.05	1.12	12.2	<0.2	<10	100	0.47	1.14	0.03	0.07	48.20	14.8	14
E841833	0.28	<0.005	0.05	1.45	11.6	<0.2	<10	100	0.38	0.81	0.05	0.07	34.30	8.2	20
E841834	0.28	<0.005	0.02	0.91	11.4	<0.2	<10	80	0.21	0.98	0.03	0.04	37.50	6.7	14
E841835	0.28	<0.005	0.05	1.18	13.4	<0.2	<10	150	0.47	1.06	0.04	0.10	40.00	12.3	16
E841836	0.24	<0.005	0.11	1.65	10.8	<0.2	<10	130	0.60	0.72	0.10	0.16	30.30	8.2	22
E841837	0.26	<0.005	0.04	1.01	9.0	<0.2	<10	70	0.41	0.87	0.02	0.05	55.50	9.7	11
E841838	0.28	<0.005	0.04	1.30	11.4	<0.2	<10	80	0.37	1.12	0.03	0.07	37.40	10.2	19
E841839	0.24	<0.005	0.06	1.50	11.9	<0.2	<10	80	0.36	0.86	0.05	0.09	38.40	10.3	22
E841840	0.24	<0.005	0.04	1.76	10.6	<0.2	<10	80	0.30	0.57	0.06	0.12	30.80	7.5	26

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841801		2.04	136.0	4.27	4.96	0.10	<0.02	0.04	0.070	0.06	20.2	14.8	0.46	1505	2.03	0.01
E841802		1.88	115.0	5.87	4.25	0.11	0.05	0.06	0.095	0.06	19.5	14.0	0.52	3850	1.70	0.01
E841803		0.73	37.1	3.09	2.37	0.10	0.04	0.04	0.038	0.06	31.1	11.2	0.28	1260	0.66	<0.01
E841804		0.99	21.1	3.78	2.49	0.09	0.02	0.02	0.045	0.04	19.8	7.9	0.20	790	1.07	<0.01
E841805		1.43	18.8	2.87	5.35	0.08	<0.02	0.03	0.025	0.04	17.5	3.9	0.06	705	1.49	0.01
E841806		0.64	49.2	3.27	1.63	0.09	0.02	0.02	0.047	0.04	15.7	6.8	0.22	1435	0.85	<0.01
E841807		1.78	173.5	5.48	3.13	0.11	0.05	0.03	0.102	0.06	22.7	12.4	0.38	2200	2.52	0.01
E841808		3.33	47.6	3.67	4.59	0.08	0.05	0.03	0.055	0.10	13.0	20.9	0.48	1395	1.39	0.02
E841809		0.95	39.9	3.50	2.31	0.08	0.02	0.02	0.049	0.06	18.2	5.8	0.17	1300	1.27	<0.01
E841810		0.79	49.4	3.21	2.51	0.08	0.02	0.02	0.054	0.10	24.5	7.0	0.16	1435	1.04	0.01
E841811		1.18	35.4	3.35	3.82	0.09	0.05	0.02	0.048	0.07	23.5	7.3	0.10	546	1.36	<0.01
E841812		1.56	19.4	3.78	5.50	0.08	<0.02	0.01	0.033	0.04	24.0	4.4	0.15	514	1.75	0.01
E841813		1.56	41.8	3.51	4.31	0.08	<0.02	0.02	0.041	0.07	21.2	9.4	0.23	659	1.61	0.01
E841814		1.62	39.8	3.58	4.72	0.08	<0.02	0.02	0.039	0.07	21.8	8.3	0.20	662	1.78	0.01
E841815		1.97	13.8	3.33	8.16	0.06	0.02	0.03	0.031	0.05	16.0	12.2	0.32	356	2.06	0.01
E841816		0.89	24.2	3.57	3.99	0.08	0.03	0.03	0.042	0.04	22.6	5.4	0.13	549	1.19	<0.01
E841817		3.18	27.4	3.80	5.59	0.07	0.06	0.03	0.055	0.10	16.3	26.5	0.52	1385	1.04	0.01
E841818		0.90	44.4	4.50	4.19	0.08	0.02	0.02	0.057	0.04	17.6	4.7	0.17	986	1.34	<0.01
E841819		0.80	37.6	4.42	3.31	0.07	0.02	0.04	0.055	0.04	14.8	8.4	0.33	822	1.39	<0.01
E841820		1.98	28.1	3.74	7.16	0.06	0.02	0.05	0.039	0.07	13.9	16.5	0.40	816	2.25	0.01
E841821		1.38	48.5	4.90	5.64	0.07	0.03	0.04	0.066	0.05	13.3	13.5	0.34	814	2.00	<0.01
E841822		1.39	26.6	3.23	5.43	0.06	0.02	0.03	0.042	0.06	14.5	15.1	0.40	635	1.70	0.01
E841823		1.11	28.4	3.11	4.33	0.06	<0.02	0.02	0.040	0.06	14.9	8.5	0.28	373	1.12	0.01
E841824		1.46	29.8	3.59	5.84	0.06	<0.02	0.04	0.044	0.05	16.4	13.6	0.33	605	1.54	0.01
E841825		1.91	29.8	3.42	7.15	0.06	<0.02	0.02	0.036	0.08	12.7	4.3	0.16	577	2.26	0.01
E841826		1.08	31.8	2.87	3.54	0.06	<0.02	0.02	0.041	0.06	16.4	4.1	0.12	555	1.49	<0.01
E841827		<0.05	0.5	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	<0.05	<0.01
E841828		1.34	36.2	3.29	4.91	0.07	0.02	0.03	0.044	0.06	18.8	10.0	0.35	622	1.52	0.01
E841829		0.80	24.8	3.63	2.64	0.08	0.06	0.02	0.046	0.05	18.9	8.2	0.29	943	1.23	<0.01
E841830		0.94	29.4	3.53	3.33	0.08	0.03	0.03	0.047	0.06	18.1	6.5	0.27	1125	1.21	<0.01
E841831		1.03	45.5	3.35	3.81	0.07	0.07	0.03	0.043	0.07	20.1	10.6	0.43	983	1.36	0.01
E841832		0.93	73.0	3.57	2.85	0.08	0.06	0.02	0.054	0.07	22.0	8.5	0.33	1335	3.18	<0.01
E841833		1.30	27.8	3.30	4.86	0.06	0.02	0.03	0.050	0.05	15.9	11.9	0.30	528	1.95	0.01
E841834		1.39	30.0	3.18	4.59	0.06	<0.02	0.02	0.043	0.05	17.4	3.6	0.11	695	1.60	<0.01
E841835		1.26	43.7	4.06	4.74	0.07	0.02	0.04	0.068	0.10	18.6	6.7	0.18	2050	2.74	0.01
E841836		1.26	29.1	3.37	5.28	0.06	<0.02	0.05	0.047	0.08	14.1	13.3	0.36	674	1.27	0.01
E841837		0.69	36.9	3.52	2.57	0.09	0.04	0.02	0.042	0.09	28.9	9.9	0.28	650	0.71	0.01
E841838		1.42	36.5	3.26	5.18	0.07	<0.02	0.03	0.041	0.06	17.2	7.7	0.22	1080	1.71	0.01
E841839		1.37	28.8	3.37	4.98	0.07	<0.02	0.04	0.043	0.06	17.7	10.8	0.35	687	1.50	0.01
E841840		1.98	15.3	3.00	7.61	0.05	<0.02	0.03	0.031	0.06	14.2	10.1	0.30	442	2.28	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841801		0.51	45.7	770	30.2	10.6	<0.001	0.04	1.33	2.4	1.9	0.5	11.0	<0.01	0.10	1.9
E841802		0.66	39.9	600	38.0	10.4	<0.001	0.03	1.20	5.4	2.4	0.4	14.1	<0.01	0.11	4.6
E841803		0.28	20.6	270	6.6	8.7	<0.001	0.01	1.14	1.9	1.1	0.2	2.1	<0.01	0.04	11.1
E841804		0.44	16.6	310	7.6	6.8	<0.001	0.02	1.24	1.7	1.3	0.2	2.0	<0.01	0.05	8.5
E841805		0.91	9.8	340	7.6	10.6	<0.001	0.02	1.05	1.3	0.9	0.6	3.7	<0.01	0.06	3.0
E841806		0.19	24.6	420	13.2	4.6	<0.001	0.02	1.40	1.6	1.0	<0.2	2.8	<0.01	0.06	6.3
E841807		0.23	55.5	470	26.9	11.0	<0.001	0.02	1.98	2.8	2.2	0.2	1.9	<0.01	0.13	9.9
E841808		0.46	27.7	1240	22.5	21.9	<0.001	0.10	1.30	2.8	1.6	0.4	15.9	<0.01	0.08	2.2
E841809		0.32	16.0	440	14.1	8.7	<0.001	0.02	1.46	1.5	1.1	0.2	2.4	<0.01	0.06	6.5
E841810		0.27	16.0	310	8.4	12.8	<0.001	0.01	1.30	1.9	1.1	0.2	2.1	<0.01	0.06	7.7
E841811		0.44	13.0	260	8.2	13.3	<0.001	0.01	1.35	1.6	1.1	0.4	2.0	<0.01	0.07	8.2
E841812		0.99	14.5	330	8.0	8.0	<0.001	0.02	1.08	1.7	1.1	0.5	3.8	<0.01	0.06	7.4
E841813		0.41	19.3	470	9.9	12.9	<0.001	0.03	1.48	1.6	1.2	0.4	3.4	<0.01	0.07	2.8
E841814		0.44	18.3	450	11.0	13.3	<0.001	0.02	1.39	1.5	1.2	0.4	3.7	<0.01	0.06	2.5
E841815		1.66	13.6	310	12.6	13.9	<0.001	0.02	0.91	2.9	0.7	1.0	10.6	0.01	0.07	2.0
E841816		0.73	9.7	310	7.1	9.1	<0.001	0.01	1.00	1.5	0.4	0.3	3.2	0.01	0.06	4.9
E841817		0.49	25.0	1290	17.0	24.0	<0.001	0.06	0.89	3.0	1.2	0.5	14.0	0.01	0.07	1.5
E841818		0.70	14.8	460	8.8	7.0	<0.001	0.02	1.37	1.7	0.8	0.4	1.9	0.01	0.11	4.7
E841819		0.49	17.5	500	8.5	7.8	<0.001	0.03	1.23	1.5	0.8	0.2	2.7	<0.01	0.08	2.5
E841820		1.38	21.2	520	14.3	16.2	<0.001	0.03	0.99	2.8	1.2	0.8	8.5	0.01	0.07	1.3
E841821		1.04	21.0	560	9.9	11.6	<0.001	0.03	1.07	2.3	1.0	0.5	3.2	0.01	0.10	3.6
E841822		0.62	17.4	500	10.3	13.5	<0.001	0.03	0.77	1.8	0.7	0.5	9.4	<0.01	0.06	0.9
E841823		0.51	14.0	490	5.8	11.2	<0.001	0.03	0.87	1.5	0.6	0.4	5.4	<0.01	0.07	0.9
E841824		0.66	16.5	470	9.7	11.3	<0.001	0.03	0.97	1.7	0.7	0.6	6.2	<0.01	0.06	0.6
E841825		0.74	14.5	540	11.5	17.6	<0.001	0.04	1.72	1.2	0.7	0.9	8.1	<0.01	0.07	0.3
E841826		0.38	10.4	410	4.4	13.9	<0.001	0.02	0.98	1.3	0.6	0.4	2.9	<0.01	0.06	1.4
E841827		<0.05	0.3	10	0.4	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.2
E841828		0.51	17.6	490	8.0	13.1	<0.001	0.02	0.98	2.0	0.7	0.5	6.6	<0.01	0.06	1.0
E841829		0.38	16.3	460	6.2	7.9	<0.001	0.02	1.02	1.7	0.6	0.2	1.6	<0.01	0.07	4.8
E841830		0.46	16.6	540	6.6	10.4	<0.001	0.02	1.13	1.7	0.6	0.3	2.3	<0.01	0.08	3.3
E841831		0.80	25.5	550	10.0	10.1	<0.001	0.01	1.10	3.3	0.9	0.4	7.5	<0.01	0.07	4.3
E841832		0.43	22.5	420	6.6	10.8	<0.001	0.01	1.11	2.9	0.6	0.2	2.6	<0.01	0.09	5.7
E841833		0.55	15.3	570	8.1	11.7	<0.001	0.03	0.92	1.6	0.7	0.5	5.5	<0.01	0.06	1.0
E841834		0.57	10.5	440	6.1	12.9	<0.001	0.03	1.10	1.3	0.5	0.5	3.6	<0.01	0.06	1.0
E841835		0.47	14.4	540	10.6	20.5	<0.001	0.03	1.24	1.8	0.7	0.5	4.1	<0.01	0.07	1.3
E841836		0.53	18.1	670	9.5	14.0	<0.001	0.05	0.85	1.4	0.8	0.5	7.6	<0.01	0.06	0.5
E841837		0.20	19.2	310	5.1	10.2	<0.001	0.01	0.88	1.8	0.4	0.2	2.0	<0.01	0.05	5.4
E841838		0.60	14.6	440	7.6	14.5	<0.001	0.03	1.04	1.6	0.7	0.6	4.6	<0.01	0.07	1.0
E841839		0.70	17.5	460	9.2	12.6	<0.001	0.03	1.03	2.0	0.7	0.5	6.1	<0.01	0.06	1.5
E841840		1.32	13.8	380	12.6	17.3	<0.001	0.02	0.87	2.3	0.8	1.0	8.6	<0.01	0.06	0.9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841801		0.044	0.14	1.59	42	0.19	7.08	79	<0.5
E841802		0.042	0.11	2.37	39	0.18	18.85	87	1.7
E841803		0.009	0.06	0.91	11	0.06	2.88	24	1.7
E841804		0.013	0.08	1.23	14	0.08	2.48	25	0.9
E841805		0.030	0.09	0.62	41	0.17	2.06	32	<0.5
E841806		0.008	0.04	0.79	9	0.05	3.17	34	0.7
E841807		0.008	0.09	4.17	15	0.06	5.49	58	1.8
E841808		0.021	0.10	4.75	30	0.13	10.65	92	1.2
E841809		0.011	0.06	0.91	13	0.08	2.67	34	0.8
E841810		0.007	0.07	0.89	12	0.07	3.63	26	0.9
E841811		0.012	0.11	0.70	22	0.10	2.27	24	3.3
E841812		0.036	0.12	0.92	40	0.17	2.46	25	0.7
E841813		0.016	0.12	0.99	26	0.13	2.87	44	<0.5
E841814		0.018	0.13	1.05	29	0.16	3.11	44	<0.5
E841815		0.061	0.21	0.70	69	0.29	3.21	50	<0.5
E841816		0.019	0.08	0.49	23	0.12	1.99	24	0.5
E841817		0.023	0.14	1.87	42	0.13	10.60	123	1.0
E841818		0.021	0.09	0.56	29	0.11	1.97	28	0.5
E841819		0.020	0.05	0.64	18	0.09	2.01	41	<0.5
E841820		0.053	0.18	0.92	63	0.28	4.51	85	<0.5
E841821		0.030	0.13	0.70	37	0.16	2.87	47	0.6
E841822		0.032	0.11	0.79	40	0.16	3.79	64	<0.5
E841823		0.022	0.10	0.70	30	0.13	2.32	42	<0.5
E841824		0.033	0.12	0.84	44	0.17	3.99	54	<0.5
E841825		0.036	0.16	0.75	61	0.21	2.52	63	<0.5
E841826		0.013	0.09	0.64	23	0.10	2.16	31	<0.5
E841827		<0.005	<0.02	0.08	<1	<0.05	0.62	3	0.6
E841828		0.027	0.14	0.97	37	0.19	4.38	45	<0.5
E841829		0.011	0.07	0.76	14	0.08	2.76	30	1.3
E841830		0.017	0.07	1.05	20	0.10	2.69	31	0.5
E841831		0.035	0.10	1.20	32	0.17	6.38	55	1.3
E841832		0.016	0.07	1.28	18	0.10	5.17	34	1.2
E841833		0.023	0.14	0.78	37	0.17	3.43	45	<0.5
E841834		0.020	0.13	0.61	34	0.14	2.28	31	<0.5
E841835		0.018	0.13	0.82	33	0.14	3.03	46	<0.5
E841836		0.024	0.13	0.76	40	0.15	3.88	54	<0.5
E841837		0.006	0.06	0.68	12	0.05	2.65	36	1.0
E841838		0.025	0.15	0.71	41	0.14	2.67	39	<0.5
E841839		0.032	0.12	0.96	40	0.17	3.31	51	<0.5
E841840		0.053	0.21	0.69	68	0.27	3.16	60	<0.5

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E841841		0.38	<0.005	0.03	1.22	16.1	<0.2	<10	40	0.28	1.34	0.03	0.05	30.70	11.7	18
E841842		0.26	0.008	0.07	1.65	13.7	<0.2	<10	100	0.37	0.80	0.11	0.20	24.90	11.7	26
E841843		0.46	0.049	0.17	1.09	48.8	<0.2	<10	90	0.86	4.94	0.05	0.10	46.60	40.4	15
E841844		0.38	<0.005	0.03	0.75	16.2	<0.2	<10	40	0.14	1.58	0.03	0.09	33.40	8.2	16
E841845		0.32	0.009	0.07	1.24	27.4	<0.2	<10	60	0.36	1.70	0.05	0.10	33.20	30.2	19
E841846		0.30	<0.005	0.04	1.59	18.1	<0.2	<10	70	0.31	0.95	0.04	0.08	34.40	8.6	22
E841847		0.46	<0.005	0.04	1.54	15.1	<0.2	<10	60	0.33	1.45	0.04	0.08	34.20	12.6	23
E841848		0.22	<0.005	0.03	1.55	10.0	<0.2	<10	90	0.39	0.84	0.06	0.05	33.30	5.9	22
E841849		0.18	<0.005	0.05	1.37	15.3	<0.2	<10	100	0.53	1.58	0.07	0.07	36.10	14.4	19
E841850		0.26	<0.005	0.05	1.20	14.2	<0.2	<10	80	0.43	1.67	0.06	0.09	33.60	14.7	16
E841851		0.24	<0.005	0.15	0.99	13.1	<0.2	<10	120	0.44	1.24	0.08	0.15	38.20	10.1	12
E841852		0.26	<0.005	0.06	1.02	12.0	<0.2	<10	90	0.45	0.82	0.01	0.05	47.70	11.8	11
E841853		0.30	<0.005	0.06	0.86	15.2	<0.2	<10	80	0.40	1.19	0.01	0.07	39.20	9.7	10
E841854		0.30	<0.005	0.05	0.95	14.8	<0.2	<10	110	0.45	1.26	0.01	0.04	45.40	12.5	10
E841855		0.24	<0.005	0.04	1.34	13.4	<0.2	<10	70	0.24	0.64	0.04	0.08	33.20	7.0	20
E841856		0.38	<0.005	0.04	0.73	13.1	<0.2	<10	60	0.31	1.26	0.01	0.05	37.10	10.2	9
E841857		0.24	<0.005	0.06	1.20	13.0	<0.2	<10	120	0.41	0.85	0.08	0.14	24.70	6.7	19
E841858		0.30	0.005	0.03	1.24	12.9	<0.2	<10	100	0.37	1.15	0.05	0.05	29.40	6.2	17
E841859		0.32	0.006	0.05	1.43	15.5	<0.2	<10	100	0.35	0.94	0.03	0.08	31.00	8.1	20
E841860		0.28	<0.005	0.06	0.98	15.1	<0.2	<10	70	0.29	0.95	0.02	0.05	34.50	6.6	14
E841861		0.28	0.006	0.03	1.27	18.6	<0.2	<10	110	0.50	1.29	0.02	0.06	44.20	12.7	15
E841862		0.24	<0.005	0.05	1.76	13.7	<0.2	<10	110	0.41	0.80	0.05	0.07	35.30	7.3	25
E841863		0.28	<0.005	0.09	1.29	23.2	<0.2	<10	50	0.55	3.07	0.08	0.12	40.20	19.8	16
E841864		0.26	<0.005	0.07	1.06	17.5	<0.2	<10	80	0.64	1.59	0.05	0.09	45.10	17.2	11
E841865		0.32	<0.005	0.04	0.86	9.3	<0.2	<10	60	0.41	0.87	0.01	0.04	62.70	10.6	8
E841866		0.26	<0.005	0.09	1.21	15.1	<0.2	<10	100	0.62	1.38	0.10	0.11	34.60	8.2	14
E841867		0.36	<0.005	0.05	1.41	16.4	<0.2	<10	70	0.46	1.06	0.06	0.07	38.10	9.9	21
E841868		0.26	<0.005	0.07	1.19	16.4	<0.2	<10	80	0.48	1.97	0.05	0.05	40.20	7.3	14
E841869		0.34	0.016	0.14	1.24	27.9	<0.2	<10	100	0.60	2.96	0.15	0.23	26.60	25.2	20
E841870		0.46	<0.005	0.06	1.26	29.1	<0.2	<10	30	0.34	3.19	0.02	0.06	34.90	19.5	18
E841871		0.34	0.005	0.04	1.50	17.3	<0.2	<10	60	0.38	1.15	0.05	0.08	36.90	12.2	23
E841872		0.28	<0.005	0.06	1.25	18.8	<0.2	<10	50	0.47	1.73	0.03	0.09	34.90	11.0	18
E841873		0.50	<0.005	0.14	0.75	22.8	<0.2	<10	40	0.25	1.54	0.03	0.11	22.90	16.2	12
E841874		0.28	0.005	0.04	1.62	16.2	<0.2	<10	70	0.46	1.01	0.06	0.08	37.30	10.4	23
E841875		0.22	0.006	0.07	1.23	20.2	<0.2	<10	90	0.63	2.12	0.06	0.08	52.00	13.7	14
E841876		0.26	<0.005	0.15	1.97	25.2	<0.2	<10	120	1.50	3.79	0.06	0.36	38.80	43.3	26
E841877		0.18	<0.005	0.04	2.05	13.0	<0.2	<10	90	0.42	0.51	0.07	0.09	26.20	7.3	29
E841878		0.38	<0.005	0.22	1.56	13.9	<0.2	<10	130	0.76	1.36	0.26	0.21	27.00	10.7	24
E841879		0.20	<0.005	0.04	1.96	12.6	<0.2	<10	110	0.52	0.46	0.13	0.07	25.70	6.4	30
E841880		0.22	<0.005	0.12	1.41	13.0	<0.2	<10	100	0.58	0.96	0.33	0.12	28.50	11.3	20

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841841		1.49	39.9	3.40	5.51	0.06	<0.02	0.04	0.038	0.04	14.4	9.7	0.21	595	1.99	<0.01
E841842		1.79	27.8	3.47	6.88	0.06	<0.02	0.02	0.038	0.05	13.0	15.3	0.32	704	3.29	0.01
E841843		1.36	430.0	5.63	3.27	0.11	0.05	0.03	0.088	0.07	22.5	11.2	0.42	2050	3.83	<0.01
E841844		1.70	35.9	3.69	7.87	0.07	<0.02	0.02	0.036	0.06	16.1	1.8	0.08	458	3.88	0.01
E841845		1.49	241.0	4.35	5.36	0.07	<0.02	0.04	0.056	0.07	15.4	8.8	0.30	764	3.58	0.01
E841846		1.60	33.5	3.69	6.56	0.07	<0.02	0.02	0.043	0.04	15.9	9.5	0.23	463	2.03	0.01
E841847		1.55	38.4	4.26	6.76	0.08	<0.02	0.04	0.045	0.06	15.8	9.7	0.25	1020	2.32	0.01
E841848		1.29	17.1	3.26	5.59	0.06	<0.02	0.02	0.038	0.05	15.4	13.5	0.33	401	1.17	0.01
E841849		1.09	46.6	4.07	4.24	0.07	0.02	0.02	0.053	0.08	16.4	12.4	0.38	859	1.21	0.01
E841850		0.99	48.1	4.03	3.61	0.07	<0.02	0.01	0.054	0.06	15.0	11.3	0.31	954	1.05	0.01
E841851		1.14	44.7	3.52	4.09	0.05	0.03	0.03	0.050	0.08	15.2	6.8	0.18	1205	1.38	0.01
E841852		0.80	37.9	3.61	2.49	0.07	0.05	0.02	0.048	0.07	18.5	8.9	0.25	918	0.85	<0.01
E841853		0.85	48.4	3.31	2.74	0.05	0.04	0.02	0.059	0.07	15.4	5.5	0.16	976	1.16	<0.01
E841854		0.88	48.5	3.73	2.56	0.06	0.06	0.03	0.067	0.10	17.9	6.6	0.19	1075	1.28	<0.01
E841855		1.44	21.8	3.00	6.00	<0.05	<0.02	0.03	0.039	0.05	13.1	8.0	0.22	448	1.49	<0.01
E841856		0.69	46.5	2.88	1.83	0.05	0.05	0.03	0.055	0.06	14.2	4.6	0.18	1220	0.93	<0.01
E841857		1.62	27.2	3.50	5.56	<0.05	<0.02	0.03	0.087	0.06	11.2	8.5	0.23	1200	1.55	0.01
E841858		1.72	25.8	2.79	5.30	0.05	<0.02	0.02	0.048	0.07	13.5	7.4	0.19	486	1.54	<0.01
E841859		1.54	33.4	3.39	5.62	0.05	<0.02	0.03	0.051	0.08	14.4	7.5	0.23	595	1.68	<0.01
E841860		1.13	33.2	3.10	4.00	0.06	<0.02	0.04	0.056	0.06	13.6	6.1	0.16	654	1.21	<0.01
E841861		1.03	56.6	3.89	3.52	0.07	0.05	0.04	0.071	0.11	17.4	9.6	0.26	1145	1.16	<0.01
E841862		1.89	28.7	3.51	7.40	0.05	0.02	0.04	0.047	0.10	14.1	10.6	0.28	424	1.67	0.01
E841863		1.12	143.5	5.06	3.93	0.08	0.04	0.06	0.120	0.07	15.3	13.2	0.26	1505	1.06	<0.01
E841864		0.99	104.5	4.26	2.84	0.08	0.05	0.03	0.082	0.09	17.5	8.7	0.32	1965	1.03	<0.01
E841865		0.62	37.9	3.15	2.09	0.08	0.04	0.02	0.036	0.06	28.2	9.2	0.27	603	0.59	<0.01
E841866		1.30	49.4	3.96	3.78	0.07	0.03	0.02	0.068	0.08	13.7	9.9	0.25	955	1.04	0.01
E841867		1.43	42.1	3.71	5.82	0.07	<0.02	0.04	0.047	0.05	14.6	10.7	0.28	681	1.45	<0.01
E841868		1.16	48.0	3.81	3.94	0.06	0.02	0.02	0.067	0.07	16.0	9.7	0.30	654	1.07	<0.01
E841869		1.12	652.0	5.16	2.97	0.07	0.05	0.03	0.096	0.08	12.5	8.5	0.40	4170	4.41	<0.01
E841870		1.14	40.1	3.77	4.29	0.07	0.02	0.03	0.044	0.04	13.6	9.8	0.45	812	1.68	<0.01
E841871		1.49	34.6	3.56	5.60	0.07	<0.02	0.04	0.039	0.05	14.7	10.8	0.38	631	2.28	0.01
E841872		1.51	47.8	3.63	4.60	0.07	<0.02	0.04	0.050	0.06	13.5	11.0	0.30	667	1.40	<0.01
E841873		1.05	48.4	4.26	3.47	0.07	<0.02	0.05	0.045	0.04	10.6	4.1	0.14	1720	1.45	0.01
E841874		1.50	35.7	3.38	5.99	0.06	<0.02	0.03	0.040	0.05	14.6	13.0	0.37	469	1.47	0.01
E841875		1.02	89.0	3.98	3.38	0.08	0.03	0.02	0.060	0.08	20.5	11.4	0.42	741	1.16	<0.01
E841876		1.95	269.0	6.33	5.79	0.10	0.05	0.07	0.171	0.05	14.0	18.3	0.44	3220	2.52	0.01
E841877		1.95	20.2	3.20	8.11	0.05	<0.02	0.05	0.032	0.05	12.2	14.1	0.33	293	2.13	0.01
E841878		1.90	63.8	4.00	4.82	0.07	0.07	0.04	0.065	0.10	13.4	17.3	0.39	1005	1.03	0.01
E841879		1.82	13.5	4.41	9.11	0.07	<0.02	0.04	0.050	0.05	12.0	15.1	0.34	326	1.90	0.01
E841880		1.39	33.8	3.53	4.53	0.06	0.05	0.02	0.052	0.08	12.7	14.8	0.37	1180	0.98	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841841		0.98	16.6	390	8.0	12.3	<0.001	0.02	1.02	1.6	0.8	0.6	4.4	<0.01	0.07	2.3
E841842		1.22	15.5	450	13.6	15.1	<0.001	0.03	0.83	2.2	0.8	0.8	9.3	<0.01	0.09	0.9
E841843		0.18	52.8	490	9.3	10.3	<0.001	0.02	2.57	4.3	1.0	0.2	2.0	<0.01	0.21	7.8
E841844		0.89	13.1	520	9.4	10.9	<0.001	0.03	1.54	1.6	0.7	0.9	4.1	<0.01	0.09	1.1
E841845		0.80	17.9	510	8.3	13.0	<0.001	0.03	1.00	1.9	0.7	0.5	4.0	<0.01	0.15	2.5
E841846		1.37	16.0	390	11.6	10.5	<0.001	0.02	1.08	2.2	0.8	0.7	5.8	<0.01	0.08	2.5
E841847		1.01	17.1	500	11.0	15.3	<0.001	0.02	1.20	2.1	0.9	0.7	5.4	<0.01	0.07	1.7
E841848		0.69	12.6	410	8.9	12.6	<0.001	0.02	0.70	1.6	0.4	0.6	6.2	<0.01	0.06	0.7
E841849		0.45	18.9	560	7.7	12.8	<0.001	0.03	1.05	1.8	0.5	0.4	5.0	<0.01	0.08	1.8
E841850		0.43	17.0	620	8.4	10.8	<0.001	0.03	0.94	1.6	0.5	0.3	4.4	<0.01	0.08	1.5
E841851		0.41	14.2	550	8.7	15.2	<0.001	0.03	1.23	1.5	0.5	0.4	4.3	<0.01	0.07	2.6
E841852		0.24	19.4	320	8.0	9.9	<0.001	0.01	1.30	1.8	0.5	0.2	1.9	<0.01	0.05	5.2
E841853		0.29	15.2	440	5.9	12.2	<0.001	0.02	1.37	1.6	0.5	0.3	1.9	<0.01	0.06	3.5
E841854		0.17	18.3	360	6.3	13.2	<0.001	0.02	1.14	1.6	0.5	0.2	1.2	<0.01	0.06	5.1
E841855		0.70	13.1	420	8.3	9.7	<0.001	0.03	0.93	1.4	0.6	0.7	6.0	<0.01	0.05	0.6
E841856		0.20	13.5	360	5.6	7.8	<0.001	0.02	1.24	1.4	0.6	<0.2	1.2	<0.01	0.06	4.8
E841857		0.47	14.0	710	8.7	14.0	<0.001	0.06	1.05	1.4	0.6	0.6	7.4	<0.01	0.06	0.5
E841858		0.39	12.2	500	7.1	16.0	<0.001	0.03	1.05	1.1	0.5	0.6	6.1	<0.01	0.06	0.4
E841859		0.60	15.3	520	8.5	13.4	<0.001	0.02	1.28	1.6	0.7	0.6	5.2	<0.01	0.06	1.0
E841860		0.48	12.1	470	5.5	11.3	<0.001	0.03	1.26	1.4	0.5	0.4	3.1	<0.01	0.05	1.6
E841861		0.42	19.2	430	7.9	15.0	<0.001	0.02	1.43	2.0	0.6	0.3	2.8	<0.01	0.07	4.2
E841862		0.72	16.1	540	9.0	15.5	<0.001	0.03	1.12	2.1	0.7	0.8	7.0	<0.01	0.06	1.1
E841863		0.50	26.0	380	10.6	10.7	<0.001	0.02	1.29	2.6	0.7	0.3	4.1	<0.01	0.12	6.6
E841864		0.20	25.8	460	8.5	10.3	<0.001	0.02	1.30	2.9	0.5	0.2	2.9	<0.01	0.07	6.2
E841865		0.12	21.8	250	4.8	7.1	<0.001	<0.01	0.84	2.1	0.4	<0.2	1.6	<0.01	0.04	6.5
E841866		0.33	15.6	720	8.2	13.8	<0.001	0.04	1.12	1.6	0.5	0.3	4.4	<0.01	0.07	2.0
E841867		0.65	19.1	400	10.6	10.9	<0.001	0.02	1.12	1.6	0.7	0.6	6.4	<0.01	0.07	0.7
E841868		0.39	15.8	530	7.2	12.6	<0.001	0.03	1.07	1.8	0.5	0.3	3.9	<0.01	0.07	2.5
E841869		0.25	44.4	730	14.8	9.1	<0.001	0.03	1.43	4.7	1.1	0.2	5.5	<0.01	0.16	4.9
E841870		0.37	25.2	490	8.0	8.0	<0.001	0.03	1.16	1.5	0.8	0.2	2.6	<0.01	0.07	2.8
E841871		0.52	21.5	480	9.7	12.2	<0.001	0.03	1.01	1.8	0.8	0.5	6.4	<0.01	0.08	0.9
E841872		0.47	19.4	570	10.8	10.8	<0.001	0.04	1.15	1.7	0.7	0.4	4.3	<0.01	0.10	1.6
E841873		0.21	17.3	880	11.9	8.2	<0.001	0.05	1.26	0.8	0.7	0.2	2.8	<0.01	0.09	0.5
E841874		0.59	20.2	430	10.5	11.6	<0.001	0.04	1.19	1.7	0.7	0.6	7.2	<0.01	0.07	0.7
E841875		0.29	25.6	400	8.9	10.5	<0.001	0.02	1.86	2.6	0.7	0.2	3.8	<0.01	0.09	5.7
E841876		0.81	43.0	560	14.8	12.6	<0.001	0.03	1.65	5.1	1.4	0.5	7.3	0.01	0.22	4.6
E841877		1.07	17.4	390	12.9	10.9	<0.001	0.02	0.94	1.9	0.8	0.8	9.4	<0.01	0.07	0.6
E841878		0.44	23.1	900	9.9	21.0	<0.001	0.05	1.27	2.9	1.1	0.4	8.3	<0.01	0.08	2.5
E841879		0.94	16.7	520	13.9	11.4	<0.001	0.04	0.86	1.6	0.8	0.8	11.3	<0.01	0.08	0.3
E841880		0.38	17.7	960	11.0	14.7	<0.001	0.06	1.00	2.2	0.7	0.4	9.1	<0.01	0.05	1.7

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841841		0.032	0.13	0.64	42	0.17	2.19	39	<0.5
E841842		0.052	0.15	0.77	62	0.24	3.16	70	<0.5
E841843		0.010	0.07	6.10	21	0.09	6.83	29	0.9
E841844		0.049	0.12	0.73	74	0.22	2.17	47	<0.5
E841845		0.029	0.10	1.57	37	0.15	2.43	32	<0.5
E841846		0.041	0.17	0.66	56	0.23	2.61	48	<0.5
E841847		0.041	0.16	0.85	53	0.19	3.00	53	<0.5
E841848		0.030	0.14	0.57	44	0.18	2.56	38	<0.5
E841849		0.017	0.09	0.57	28	0.11	2.89	36	<0.5
E841850		0.019	0.08	0.67	24	0.11	3.03	41	<0.5
E841851		0.012	0.14	0.61	23	0.09	2.56	35	0.6
E841852		0.007	0.08	0.59	12	0.06	2.88	30	1.5
E841853		0.009	0.07	0.71	15	0.08	2.60	30	1.1
E841854		<0.005	0.08	0.72	11	0.07	2.51	26	1.6
E841855		0.031	0.15	0.61	44	0.23	2.71	39	<0.5
E841856		0.006	0.06	0.64	10	0.07	2.13	24	1.3
E841857		0.026	0.13	0.79	40	0.17	3.11	70	<0.5
E841858		0.022	0.13	0.74	35	0.18	2.64	33	<0.5
E841859		0.023	0.15	0.75	38	0.20	3.15	43	<0.5
E841860		0.017	0.10	0.68	27	0.12	2.47	31	<0.5
E841861		0.013	0.09	0.78	20	0.11	3.35	42	1.5
E841862		0.025	0.19	0.86	50	0.21	3.43	55	<0.5
E841863		0.014	0.09	0.69	23	0.10	3.81	37	2.2
E841864		0.006	0.07	1.02	14	0.06	5.39	34	1.3
E841865		<0.005	0.04	0.74	8	<0.05	4.12	26	1.0
E841866		0.011	0.08	0.82	21	0.09	3.85	52	0.6
E841867		0.037	0.10	0.79	43	0.18	3.21	47	<0.5
E841868		0.015	0.07	0.85	21	0.09	3.18	42	0.6
E841869		0.015	0.09	5.93	23	0.09	12.15	60	1.2
E841870		0.019	0.08	0.87	22	0.09	2.41	27	0.5
E841871		0.035	0.13	1.04	42	0.18	3.27	48	<0.5
E841872		0.023	0.10	1.51	29	0.12	2.75	45	<0.5
E841873		0.015	0.07	0.86	21	0.09	1.77	38	<0.5
E841874		0.037	0.14	0.77	44	0.18	3.08	56	<0.5
E841875		0.011	0.07	0.80	17	0.07	4.55	40	0.9
E841876		0.032	0.15	1.47	42	0.18	7.33	71	1.1
E841877		0.048	0.22	0.69	66	0.30	2.74	60	<0.5
E841878		0.019	0.10	1.85	28	0.12	7.18	94	1.6
E841879		0.040	0.17	0.85	69	0.27	3.51	52	<0.5
E841880		0.018	0.10	1.41	31	0.11	4.11	50	1.2

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841881		0.30	<0.005	0.05	1.25	15.9	<0.2	<10	90	0.43	1.19	0.05	0.09	38.40	13.2	18
E841882		0.26	<0.005	0.06	1.93	17.1	<0.2	<10	100	0.53	0.73	0.09	0.08	30.00	8.2	28
E841883		0.32	0.025	0.06	1.44	15.3	<0.2	<10	90	0.43	0.83	0.09	0.10	32.10	8.6	22
E841884		0.30	<0.005	0.06	1.39	25.4	<0.2	<10	120	0.75	1.33	0.06	0.13	41.70	12.7	18
E841885		0.54	0.010	0.07	1.49	22.9	<0.2	<10	120	0.94	1.35	0.09	0.52	43.30	14.9	22
E841886		0.28	<0.005	0.06	1.37	20.6	<0.2	<10	130	0.61	2.92	0.12	0.07	32.60	8.1	20
E841887		0.24	0.013	0.05	1.80	22.6	<0.2	<10	160	0.84	1.65	0.12	0.14	34.00	11.7	24
E841888		0.46	0.010	0.09	1.34	18.6	<0.2	<10	180	0.81	1.77	0.08	0.09	58.20	16.2	17
E841889		0.48	0.009	0.07	0.97	11.9	<0.2	<10	120	0.57	1.26	0.05	0.10	79.60	13.3	15
E841890		0.76	0.052	0.15	0.91	22.5	<0.2	<10	180	0.80	1.32	2.32	0.12	25.30	41.7	19
E841891		0.22	0.049	0.23	1.29	31.9	<0.2	<10	360	1.26	1.94	0.86	0.15	34.00	55.4	16
E841892		0.24	0.042	0.21	1.37	18.8	<0.2	<10	150	0.97	1.32	0.59	0.22	22.30	22.2	21
E841893		0.34	0.177	0.21	0.74	20.5	<0.2	<10	950	0.58	2.37	0.70	0.13	45.30	107.5	14
E841894		0.30	0.044	0.16	1.52	59.4	<0.2	<10	650	1.27	2.72	0.28	0.24	30.30	53.1	17
E841895		0.28	0.017	0.09	1.01	52.0	<0.2	<10	50	0.86	3.35	0.06	0.11	23.80	31.7	15
E841896		0.70	0.062	0.49	0.80	154.0	<0.2	<10	100	1.02	4.15	0.38	0.30	23.40	59.5	9
E841897		0.52	0.067	0.24	1.06	97.8	<0.2	<10	40	1.01	3.38	0.37	0.11	20.70	45.3	10
E841898		0.26	0.005	0.11	1.49	28.6	<0.2	<10	70	0.32	2.12	0.05	0.10	26.10	9.4	23
E841899		0.34	0.020	0.06	1.04	23.7	<0.2	<10	100	0.33	4.75	0.09	0.12	27.40	14.9	19
E841900		0.38	0.062	0.19	1.47	54.0	<0.2	<10	40	0.71	4.95	0.02	0.04	31.70	90.1	23
E841901		0.20	<0.005	0.10	1.19	65.6	<0.2	<10	30	0.54	7.75	0.03	0.08	28.60	22.5	18
E841902		0.26	0.006	0.03	1.95	17.3	<0.2	<10	80	0.59	0.83	0.06	0.12	29.20	10.3	30
E841903		0.22	0.006	0.07	1.97	27.7	<0.2	<10	90	0.84	1.42	0.06	0.14	32.40	17.4	28
E841904		0.40	0.009	0.08	1.55	24.6	<0.2	<10	100	0.95	1.28	0.10	0.17	38.30	15.5	24
E841905		0.22	0.009	0.11	1.73	17.3	<0.2	<10	70	0.65	0.64	0.07	0.17	27.60	9.7	26
E841906		0.20	0.007	0.08	1.96	20.9	<0.2	<10	120	1.16	1.01	0.12	0.23	35.40	17.5	29
E841907		0.20	0.008	0.08	1.89	18.8	<0.2	<10	100	0.72	0.65	0.22	0.12	28.20	12.1	32
E841908		0.18	0.005	0.11	2.10	33.3	<0.2	<10	130	1.18	1.58	0.14	0.30	34.50	28.6	29
E841909		0.88	0.010	0.25	0.71	50.2	<0.2	<10	70	1.18	2.91	0.18	0.30	24.30	31.5	9
E841910		0.44	0.024	0.39	0.59	70.8	<0.2	<10	70	1.31	7.99	0.16	0.37	22.70	29.3	8
E841911		0.32	0.011	0.14	0.87	28.8	<0.2	<10	110	1.67	1.26	0.89	0.38	22.40	27.7	9
E841912		0.32	0.014	0.06	1.60	25.6	<0.2	<10	100	0.90	1.33	0.28	0.23	38.20	24.9	23
E841913		0.36	0.005	0.06	1.47	19.8	<0.2	<10	90	0.64	1.12	0.06	0.15	30.20	15.7	23
E841914		0.26	0.005	0.07	1.57	17.0	<0.2	<10	70	0.60	1.31	0.05	0.15	32.90	14.8	21
E841915		0.30	0.007	0.09	1.57	19.1	<0.2	<10	70	0.63	1.43	0.05	0.15	32.90	15.3	22
E841916		0.54	0.006	0.13	1.40	11.1	<0.2	<10	160	0.59	1.19	0.14	0.43	18.10	20.6	12
E841917		0.36	<0.005	0.08	1.68	18.7	<0.2	<10	70	0.60	1.33	0.06	0.11	32.00	10.3	23
E841918		0.56	0.006	0.09	1.57	19.2	<0.2	<10	50	0.53	1.67	0.03	0.08	45.50	16.4	22
E841919		0.38	0.005	0.09	1.68	22.9	<0.2	<10	90	0.78	1.78	0.04	0.15	33.80	23.1	23
E841920		0.36	0.007	0.04	1.35	25.3	<0.2	<10	60	0.80	1.65	0.04	0.13	30.30	28.9	19

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841881		1.28	40.4	3.82	4.09	0.06	<0.02	0.03	0.062	0.07	14.7	9.2	0.31	1155	1.16	0.01
E841882		2.03	26.2	3.99	8.12	0.06	<0.02	0.05	0.051	0.07	13.4	15.3	0.38	408	1.54	0.01
E841883		1.68	29.4	3.61	6.95	0.06	<0.02	0.04	0.048	0.05	14.2	10.0	0.27	671	1.79	0.01
E841884		1.53	62.6	3.75	3.81	0.07	0.05	0.05	0.068	0.07	15.9	10.4	0.35	1345	1.41	0.01
E841885		1.89	70.4	4.86	4.39	0.08	0.03	0.03	0.109	0.07	14.3	15.3	0.39	2180	1.39	0.01
E841886		1.89	52.2	3.73	5.51	0.07	<0.02	0.02	0.072	0.07	15.4	10.6	0.33	802	1.42	0.01
E841887		2.25	52.3	4.38	6.71	0.10	0.02	0.03	0.078	0.09	17.5	13.3	0.41	1170	1.65	<0.01
E841888		1.69	66.8	4.51	3.90	0.14	0.03	0.05	0.091	0.07	29.8	13.0	0.53	1340	1.87	<0.01
E841889		0.87	44.8	3.68	2.93	0.15	0.03	0.02	0.045	0.09	39.1	10.0	0.40	957	0.97	<0.01
E841890		2.79	247.0	9.03	3.64	0.20	0.21	0.04	0.118	0.14	14.3	8.4	1.29	4560	22.80	<0.01
E841891		3.91	252.0	8.63	4.43	0.19	0.12	0.07	0.141	0.18	18.4	10.5	0.78	5510	23.20	0.01
E841892		2.29	268.0	9.40	4.30	0.19	0.12	0.07	0.144	0.12	13.3	8.2	0.45	3130	17.40	0.01
E841893		2.92	767.0	11.05	4.07	0.27	0.09	0.13	0.199	0.15	27.0	12.9	0.57	9040	28.20	0.01
E841894		2.86	341.0	9.11	5.48	0.20	0.12	0.06	0.221	0.11	16.8	14.7	0.53	6660	19.55	0.01
E841895		1.19	199.0	6.48	3.07	0.13	0.03	0.06	0.081	0.04	11.6	7.1	0.31	2150	2.98	<0.01
E841896		2.15	729.0	13.60	3.27	0.27	0.15	0.12	0.334	0.07	12.1	6.8	0.49	12950	11.80	<0.01
E841897		0.99	328.0	6.70	3.19	0.14	0.20	0.03	0.135	0.06	10.5	11.3	0.77	4040	4.92	<0.01
E841898		2.26	55.9	3.16	7.25	0.08	<0.02	0.04	0.049	0.05	13.8	8.9	0.27	415	3.04	<0.01
E841899		2.16	66.2	4.52	6.04	0.10	<0.02	0.03	0.062	0.05	14.5	7.6	0.24	1060	8.25	<0.01
E841900		1.39	1410.0	7.22	4.80	0.17	0.05	0.03	0.119	0.06	18.0	12.4	0.46	2880	48.00	<0.01
E841901		1.80	153.5	4.98	5.60	0.11	0.02	0.04	0.078	0.04	15.0	8.2	0.32	626	3.39	<0.01
E841902		1.93	51.3	3.77	7.84	0.09	<0.02	0.05	0.049	0.05	15.1	16.1	0.38	596	2.51	<0.01
E841903		2.04	85.9	4.13	6.19	0.10	0.02	0.05	0.075	0.06	16.2	15.8	0.45	1430	2.44	0.01
E841904		1.69	151.0	3.58	4.88	0.11	0.03	0.04	0.063	0.06	20.3	14.0	0.49	1020	1.66	<0.01
E841905		2.23	28.5	3.58	7.29	0.09	0.02	0.05	0.046	0.06	14.0	16.5	0.34	617	2.09	<0.01
E841906		2.71	91.0	4.44	6.53	0.11	0.03	0.04	0.100	0.07	17.7	18.9	0.51	1850	1.76	<0.01
E841907		2.33	53.4	4.19	4.21	0.09	0.04	0.04	0.063	0.08	15.9	13.1	0.59	1370	1.22	0.01
E841908		2.45	111.0	5.54	6.44	0.12	0.03	0.06	0.109	0.08	16.2	18.5	0.52	3020	2.21	0.01
E841909		1.33	155.5	6.45	2.25	0.13	0.11	0.04	0.106	0.04	11.7	6.5	0.32	4100	2.47	<0.01
E841910		1.72	343.0	5.95	1.80	0.12	0.08	0.07	0.110	0.04	10.8	4.8	0.22	4200	1.85	<0.01
E841911		1.48	90.6	5.75	2.64	0.12	0.17	0.10	0.097	0.06	10.4	4.9	0.27	4510	1.58	0.01
E841912		1.39	62.8	5.32	5.18	0.12	0.04	0.04	0.107	0.06	17.0	16.1	0.56	3360	1.41	<0.01
E841913		1.81	43.3	4.68	6.50	0.10	<0.02	0.04	0.077	0.05	14.5	15.2	0.34	1480	1.90	<0.01
E841914		1.52	50.2	3.58	5.18	0.09	0.02	0.04	0.056	0.05	15.8	14.1	0.38	939	1.34	<0.01
E841915		1.48	51.0	3.77	4.99	0.10	0.02	0.04	0.062	0.05	16.1	14.3	0.41	974	1.29	<0.01
E841916		0.73	102.0	17.30	4.70	0.30	0.08	0.08	0.221	0.03	9.6	11.4	0.40	18250	1.41	<0.01
E841917		1.96	40.9	3.55	7.16	0.09	<0.02	0.04	0.056	0.06	16.5	12.9	0.33	489	2.14	<0.01
E841918		1.24	58.2	3.89	4.94	0.11	0.02	0.07	0.052	0.06	22.8	17.3	0.57	891	1.60	<0.01
E841919		1.78	97.0	4.80	5.84	0.11	<0.02	0.06	0.070	0.06	16.9	15.4	0.45	2520	1.91	<0.01
E841920		1.36	74.5	3.62	3.98	0.09	0.02	0.03	0.053	0.05	15.1	13.9	0.41	1090	1.72	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841881		0.53	19.6	470	8.2	11.2	<0.001	0.03	1.16	1.8	0.7	0.4	5.4	<0.01	0.06	1.7
E841882		0.77	18.6	560	11.3	13.3	<0.001	0.04	1.00	1.5	0.8	0.8	9.3	<0.01	0.07	0.4
E841883		0.57	17.3	520	11.5	11.2	<0.001	0.03	1.25	1.3	0.6	0.7	8.4	<0.01	0.07	0.4
E841884		0.58	26.6	470	12.8	12.2	<0.001	0.01	2.37	3.1	0.8	0.4	6.5	<0.01	0.06	5.1
E841885		0.48	30.1	990	16.8	13.9	<0.001	0.04	1.66	2.9	0.8	0.4	8.5	<0.01	0.07	2.1
E841886		0.43	16.1	790	11.5	17.1	<0.001	0.04	2.48	1.8	0.6	0.5	7.4	<0.01	0.07	1.0
E841887		0.44	21.7	830	14.8	19.4	<0.001	0.05	1.64	1.6	0.7	0.6	8.4	0.01	0.07	0.9
E841888		0.33	25.6	470	9.9	12.0	<0.001	0.01	1.69	4.0	0.8	0.3	4.4	0.01	0.09	4.9
E841889		0.21	24.3	360	12.1	7.6	<0.001	0.01	2.18	2.3	0.4	<0.2	4.1	<0.01	0.03	9.6
E841890		0.09	54.0	1130	19.9	16.6	0.002	0.05	1.42	9.0	1.7	0.5	18.4	0.01	0.32	26.5
E841891		0.12	61.6	780	30.0	23.6	0.001	0.03	1.52	10.0	1.8	0.5	16.8	0.01	0.38	34.8
E841892		0.26	39.5	1090	41.9	22.1	0.001	0.07	1.89	10.6	2.0	0.4	14.4	0.01	0.39	14.1
E841893		0.46	70.5	1420	10.0	25.5	0.001	0.26	1.75	22.6	3.4	0.5	12.2	0.02	0.71	19.4
E841894		0.33	62.6	790	27.9	23.0	<0.001	0.04	1.47	11.7	2.8	0.4	8.7	0.01	0.41	13.0
E841895		0.32	53.8	620	10.0	7.3	<0.001	0.02	1.46	2.7	1.4	0.2	3.0	0.01	0.22	6.7
E841896		0.18	101.0	830	64.6	10.7	<0.001	0.12	1.62	11.8	2.8	0.2	12.1	0.01	0.22	27.3
E841897		0.05	72.5	390	37.1	5.7	<0.001	0.05	1.29	5.3	1.3	<0.2	5.8	<0.01	0.12	24.6
E841898		0.89	20.9	600	15.7	11.7	<0.001	0.05	1.31	1.8	0.9	0.7	8.2	<0.01	0.07	0.7
E841899		0.51	20.0	630	10.3	15.2	<0.001	0.04	1.28	1.6	0.8	0.6	7.1	<0.01	0.14	0.7
E841900		0.20	38.7	700	7.0	13.3	0.001	0.03	1.29	7.7	3.0	0.3	1.7	0.01	1.26	12.1
E841901		0.75	37.2	380	11.1	8.0	<0.001	0.03	2.65	2.2	1.1	0.4	4.0	<0.01	0.14	4.1
E841902		1.09	22.4	500	15.7	11.4	<0.001	0.04	1.17	2.1	1.1	0.8	9.1	<0.01	0.08	0.7
E841903		0.76	33.4	570	15.2	12.6	<0.001	0.04	1.36	2.6	1.3	0.6	8.9	<0.01	0.08	1.4
E841904		0.89	42.6	560	13.7	10.0	<0.001	0.01	1.01	4.5	1.0	0.4	11.0	0.01	0.05	4.9
E841905		1.33	22.9	420	16.0	13.8	<0.001	0.03	1.02	2.4	0.9	0.7	9.7	<0.01	0.07	1.4
E841906		0.66	39.3	660	16.4	16.7	<0.001	0.04	0.94	3.8	1.2	0.6	12.5	0.01	0.06	2.1
E841907		0.54	29.2	610	12.4	12.5	<0.001	0.04	0.77	3.7	1.3	0.4	10.5	<0.01	0.06	2.4
E841908		0.68	44.5	750	30.1	17.6	<0.001	0.05	1.23	4.8	1.5	0.6	12.3	<0.01	0.13	3.4
E841909		0.19	61.1	570	46.7	4.6	<0.001	0.02	1.85	4.8	1.3	0.2	8.0	0.01	0.08	24.6
E841910		0.22	49.1	550	86.2	4.6	<0.001	0.01	3.69	4.4	1.1	0.2	6.6	0.01	0.05	24.7
E841911		0.23	34.5	1490	24.0	6.5	<0.001	0.14	1.79	3.6	1.7	0.2	9.7	0.01	0.07	6.9
E841912		0.53	36.8	650	17.0	10.2	<0.001	0.03	0.95	3.6	1.2	0.4	11.5	<0.01	0.07	3.6
E841913		0.82	23.7	540	15.7	11.6	<0.001	0.04	1.03	2.1	0.9	0.6	7.7	<0.01	0.07	1.1
E841914		0.64	32.0	410	13.9	10.2	<0.001	0.03	0.94	2.1	0.8	0.4	7.2	<0.01	0.06	1.3
E841915		0.64	33.7	450	14.4	10.1	<0.001	0.04	1.02	2.3	0.9	0.4	7.3	<0.01	0.07	1.6
E841916		0.40	51.4	830	11.1	6.3	<0.001	0.03	0.48	7.4	2.0	0.2	9.1	0.02	0.05	4.4
E841917		0.67	21.8	680	14.1	15.1	<0.001	0.04	1.22	1.2	0.9	0.6	7.8	<0.01	0.08	0.4
E841918		0.50	30.3	500	10.6	10.3	<0.001	0.03	1.11	1.8	0.9	0.3	4.7	<0.01	0.06	2.7
E841919		0.66	33.3	600	18.2	12.5	<0.001	0.05	1.13	2.5	1.2	0.5	6.6	<0.01	0.08	2.0
E841920		0.58	36.1	400	14.7	8.2	<0.001	0.02	1.17	2.1	1.0	0.3	5.5	<0.01	0.06	2.9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841881		0.028	0.10	0.76	29	0.15	3.27	43	<0.5
E841882		0.038	0.17	0.88	57	0.21	3.80	56	<0.5
E841883		0.035	0.13	0.79	52	0.20	3.72	46	<0.5
E841884		0.022	0.13	1.20	29	0.17	6.60	60	1.1
E841885		0.030	0.09	1.21	34	0.15	7.23	101	<0.5
E841886		0.025	0.11	0.90	36	0.14	5.10	47	<0.5
E841887		0.016	0.14	1.27	45	0.18	6.08	68	<0.5
E841888		0.013	0.08	3.39	19	0.12	10.75	46	<0.5
E841889		0.008	0.04	1.66	12	0.06	5.82	54	0.5
E841890		0.018	0.08	15.70	40	0.23	14.15	63	12.4
E841891		0.010	0.10	16.25	32	0.18	16.90	79	5.9
E841892		0.011	0.07	14.50	44	0.14	19.70	140	3.4
E841893		0.026	0.12	16.85	36	0.40	29.20	28	1.5
E841894		0.015	0.14	21.40	31	0.17	24.20	62	2.5
E841895		0.011	0.07	3.01	23	0.16	4.45	30	0.6
E841896		0.009	0.11	6.54	17	0.13	39.40	66	4.9
E841897		<0.005	0.05	2.80	12	0.05	16.10	46	12.6
E841898		0.032	0.21	1.06	56	0.25	3.31	51	0.5
E841899		0.027	0.10	1.83	45	0.20	2.93	42	<0.5
E841900		0.007	0.07	15.75	32	0.13	11.70	18	0.8
E841901		0.024	0.11	1.17	35	0.14	3.08	36	<0.5
E841902		0.046	0.19	0.96	64	0.31	4.48	67	<0.5
E841903		0.042	0.17	1.46	49	0.25	5.97	80	<0.5
E841904		0.049	0.10	1.61	38	0.22	10.00	68	0.5
E841905		0.052	0.16	0.94	57	0.30	4.34	64	<0.5
E841906		0.041	0.14	1.47	51	0.21	13.35	84	<0.5
E841907		0.045	0.08	2.46	44	0.16	12.95	86	0.5
E841908		0.041	0.16	2.68	50	0.21	13.40	90	0.5
E841909		0.013	0.09	2.26	14	0.08	17.70	67	6.1
E841910		0.013	0.09	2.17	13	0.12	16.20	68	3.7
E841911		0.012	0.09	1.96	15	0.07	20.00	85	4.1
E841912		0.029	0.11	1.87	39	0.17	12.25	68	0.8
E841913		0.039	0.14	0.78	51	0.22	4.57	66	<0.5
E841914		0.034	0.12	0.88	39	0.17	5.31	61	<0.5
E841915		0.034	0.12	0.92	35	0.17	5.33	62	<0.5
E841916		0.019	0.06	1.71	20	0.13	30.40	163	1.0
E841917		0.023	0.18	1.01	46	0.20	4.74	53	<0.5
E841918		0.022	0.12	0.88	27	0.14	3.72	52	<0.5
E841919		0.035	0.14	1.10	40	0.17	5.18	68	<0.5
E841920		0.028	0.09	0.96	26	0.17	3.94	58	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841921		0.04	0.007	0.02	0.01	0.3	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.13	0.1	<1
E841922		0.30	0.007	0.07	1.25	13.1	<0.2	<10	110	0.43	0.83	0.06	0.10	29.00	7.2	19
E841923		0.34	0.008	0.05	1.25	37.7	<0.2	<10	70	0.90	2.80	0.04	0.16	34.40	28.5	17
E841924		0.38	0.010	0.14	1.22	32.4	<0.2	<10	100	1.10	5.11	0.11	0.18	38.00	27.0	13
E841925		0.44	0.005	0.13	1.13	33.4	<0.2	<10	100	1.26	5.90	0.08	0.25	38.80	36.8	13
E841926		0.26	0.006	0.09	0.93	29.5	<0.2	<10	40	0.43	3.58	0.03	0.15	38.80	19.7	14
E841927		0.30	0.007	0.14	1.03	28.1	<0.2	<10	80	0.70	2.52	0.02	0.09	58.60	24.9	10
E841928		0.46	0.005	0.05	1.00	18.4	<0.2	<10	70	0.57	1.36	0.01	0.06	51.60	17.5	10
E841929		0.30	0.007	0.04	1.20	21.4	<0.2	<10	80	0.57	1.70	0.02	0.07	45.10	16.4	14
E841930		0.26	<0.005	0.14	1.78	15.8	<0.2	<10	90	1.00	1.55	0.23	0.31	39.60	17.6	26
E841931		0.28	0.006	0.04	1.85	22.5	<0.2	<10	210	0.73	2.27	0.06	0.23	38.00	34.0	25
E841932		0.32	0.006	0.05	1.71	15.0	<0.2	<10	100	0.76	0.71	0.06	0.18	41.50	20.2	19
E841933		0.24	<0.005	0.04	1.89	14.3	<0.2	<10	100	0.72	0.62	0.08	0.14	33.60	12.8	27
E841934		0.36	0.006	0.04	1.01	14.2	<0.2	<10	70	0.56	1.19	0.01	0.09	48.00	12.7	10
E841935		0.28	<0.005	0.06	1.28	18.2	<0.2	<10	90	0.86	1.37	0.06	0.21	39.40	14.9	14
E841936		0.34	0.015	0.09	1.67	10.3	<0.2	<10	80	1.03	0.94	0.06	0.39	29.10	16.3	16
E841937		0.26	0.016	0.26	1.42	34.5	<0.2	<10	420	1.73	8.07	0.57	0.54	32.90	26.2	13
E841938		0.30	0.007	0.15	1.81	21.5	<0.2	<10	160	1.22	1.35	0.14	0.18	41.90	16.1	22
E841939		0.30	0.007	0.06	1.12	14.4	<0.2	<10	80	0.49	1.59	0.02	0.08	41.10	9.0	13
E841940		0.50	0.006	0.06	0.91	12.6	<0.2	<10	70	0.56	1.14	<0.01	0.09	53.80	14.0	9
E841941		0.30	0.017	0.04	1.40	18.1	<0.2	<10	110	0.50	1.16	0.02	0.11	40.80	11.7	18
E841942		0.44	0.007	0.15	1.54	9.8	<0.2	<10	230	0.75	1.38	0.36	0.11	25.10	10.4	25
E841943		0.38	0.013	0.04	1.94	13.7	<0.2	<10	80	0.42	0.53	0.07	0.15	31.80	10.7	30
E841944		0.26	<0.005	0.02	0.98	13.2	<0.2	<10	70	0.57	1.05	0.01	0.06	58.90	13.1	9
E841945		0.36	<0.005	0.05	1.22	11.8	<0.2	<10	70	0.55	0.81	0.03	0.09	36.60	11.7	16
E841946		0.64	0.007	0.27	1.09	32.3	<0.2	<10	120	0.95	3.90	0.14	0.31	45.50	32.3	12
E841947		0.34	0.006	0.03	1.19	17.2	<0.2	<10	130	0.65	1.56	0.02	0.12	53.40	16.8	13
E841948		0.24	0.007	0.05	1.34	25.6	<0.2	<10	80	0.77	2.93	0.03	0.13	44.50	21.1	18
E841949		0.36	0.009	0.12	1.09	28.4	<0.2	<10	50	0.49	2.82	0.03	0.17	39.10	16.8	17
E841950		0.32	0.010	0.13	1.63	49.0	<0.2	<10	90	1.46	6.55	0.04	0.26	39.50	52.4	20
E841951		0.20	0.007	0.19	1.41	38.9	<0.2	<10	140	1.20	4.50	0.31	0.22	26.10	27.7	17
E841952		0.40	0.009	0.08	1.24	32.3	<0.2	<10	100	0.87	2.80	0.05	0.17	39.40	21.3	14
E841953		0.26	0.008	0.11	1.27	25.3	<0.2	<10	100	0.74	1.63	0.06	0.17	41.90	19.7	14
E841954		0.26	0.014	0.03	2.32	15.7	<0.2	<10	110	0.62	0.47	0.09	0.15	31.00	16.7	34
E841955		0.56	<0.005	0.04	1.06	16.6	<0.2	<10	60	0.37	1.79	0.08	0.06	24.80	17.8	20
E841956		0.24	<0.005	0.04	1.09	19.5	<0.2	<10	60	0.45	0.83	0.02	0.07	34.00	9.3	15
E841957		0.36	<0.005	0.07	0.69	22.2	<0.2	<10	60	0.55	0.78	0.01	0.09	40.00	14.4	6
E841958		0.22	0.008	0.15	1.95	34.8	<0.2	<10	110	1.08	2.52	0.34	0.25	26.40	30.6	25
E841959		0.24	<0.005	0.13	1.94	32.1	<0.2	<10	150	1.24	2.20	0.19	0.29	32.40	30.1	27
E841960		0.70	0.024	0.81	0.79	113.0	<0.2	<10	90	1.01	9.40	0.32	0.44	30.20	100.0	9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841921		<0.05	0.6	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	0.07	<0.01
E841922		2.14	19.7	2.81	6.94	0.08	<0.02	0.04	0.041	0.05	15.0	10.6	0.22	545	1.63	<0.01
E841923		1.93	79.3	4.87	3.83	0.10	0.03	0.02	0.095	0.06	17.3	16.0	0.33	1440	2.06	<0.01
E841924		2.33	145.5	5.64	3.16	0.13	0.09	0.03	0.164	0.09	19.4	12.8	0.39	2210	1.59	<0.01
E841925		2.13	121.5	5.25	3.67	0.13	0.06	0.07	0.135	0.08	19.4	11.3	0.36	2830	1.49	<0.01
E841926		1.12	50.8	4.69	5.08	0.11	<0.02	0.05	0.055	0.05	19.8	6.9	0.17	1030	1.76	<0.01
E841927		0.88	93.2	4.44	2.77	0.14	0.04	0.02	0.061	0.11	29.2	10.0	0.39	1250	0.94	<0.01
E841928		0.65	49.3	3.53	2.43	0.12	0.05	0.02	0.046	0.07	25.4	11.6	0.32	869	0.64	<0.01
E841929		1.12	52.0	4.19	4.07	0.11	0.04	0.02	0.057	0.10	22.5	11.4	0.25	992	0.94	<0.01
E841930		1.58	36.0	4.13	4.85	0.11	0.04	0.03	0.071	0.08	20.8	20.9	0.50	1290	1.33	<0.01
E841931		1.43	55.9	5.03	5.19	0.12	0.02	0.06	0.133	0.05	17.5	17.7	0.42	3040	1.72	<0.01
E841932		1.18	33.3	3.89	3.83	0.10	0.06	0.04	0.064	0.06	18.3	16.2	0.32	1400	1.33	<0.01
E841933		2.08	31.0	3.64	6.81	0.09	<0.02	0.04	0.045	0.07	17.2	15.8	0.45	942	1.68	<0.01
E841934		0.73	48.6	3.73	2.51	0.11	0.04	0.02	0.062	0.09	23.7	7.6	0.27	1420	0.69	<0.01
E841935		1.36	49.5	3.93	3.71	0.11	0.02	0.03	0.066	0.08	19.2	12.3	0.31	1450	1.10	<0.01
E841936		2.73	54.6	8.00	5.80	0.16	0.05	0.07	0.233	0.05	14.2	15.8	0.40	4710	1.34	<0.01
E841937		2.60	142.0	15.55	5.01	0.28	0.24	0.11	0.897	0.08	15.4	8.5	0.43	19000	9.67	<0.01
E841938		2.46	94.5	4.22	4.36	0.12	0.08	0.04	0.076	0.11	21.3	16.0	0.49	1330	1.32	<0.01
E841939		1.28	41.6	3.95	3.65	0.10	0.04	0.02	0.067	0.09	20.9	8.0	0.21	1230	1.30	<0.01
E841940		0.66	46.3	3.86	2.62	0.12	0.05	0.01	0.062	0.12	26.9	7.1	0.24	1740	0.61	<0.01
E841941		1.48	40.0	4.11	4.21	0.11	0.02	0.04	0.061	0.09	20.8	10.4	0.29	964	1.66	<0.01
E841942		4.08	28.1	4.25	4.94	0.09	0.03	0.03	0.101	0.09	13.5	16.4	0.41	781	4.86	<0.01
E841943		1.96	17.4	3.67	7.52	0.09	0.03	0.04	0.047	0.05	15.8	17.7	0.42	661	1.78	<0.01
E841944		0.86	43.3	3.72	2.41	0.13	0.02	0.01	0.052	0.07	29.5	11.4	0.28	720	0.66	<0.01
E841945		1.05	28.8	3.79	3.82	0.09	<0.02	0.03	0.080	0.06	17.7	11.5	0.31	1300	0.93	<0.01
E841946		2.26	172.0	6.17	3.09	0.14	0.05	0.04	0.201	0.08	22.6	12.0	0.35	3270	1.62	<0.01
E841947		0.80	57.2	3.77	3.27	0.12	0.08	0.02	0.049	0.10	26.8	13.5	0.40	835	0.66	<0.01
E841948		1.78	57.5	4.11	4.78	0.10	0.02	0.03	0.069	0.09	21.6	15.9	0.33	937	1.35	<0.01
E841949		1.47	61.9	3.89	4.42	0.09	<0.02	0.04	0.060	0.07	19.9	9.0	0.30	686	1.50	<0.01
E841950		2.07	137.5	5.11	4.38	0.13	0.03	0.05	0.092	0.10	19.7	17.5	0.44	1810	2.07	<0.01
E841951		3.37	97.0	5.03	3.39	0.10	0.06	0.03	0.096	0.11	13.7	14.4	0.49	1440	1.20	<0.01
E841952		1.72	87.7	4.79	3.45	0.11	0.04	0.02	0.080	0.13	20.1	11.3	0.33	1520	2.04	<0.01
E841953		1.30	78.2	4.61	3.45	0.12	0.04	0.03	0.073	0.13	20.8	11.5	0.31	1580	2.54	<0.01
E841954		1.87	24.6	3.59	7.52	0.09	<0.02	0.03	0.040	0.07	15.7	20.1	0.57	762	1.86	<0.01
E841955		2.53	53.5	6.22	5.40	0.11	<0.02	0.03	0.086	0.06	12.8	8.0	0.27	2460	5.82	<0.01
E841956		1.18	44.4	3.72	4.00	0.09	0.02	0.03	0.053	0.08	17.3	8.0	0.20	722	1.36	<0.01
E841957		0.53	69.2	3.81	1.65	0.07	<0.02	0.04	0.035	0.07	19.7	4.5	0.15	1405	0.90	0.01
E841958		2.80	144.0	5.79	5.81	0.07	0.08	0.03	0.110	0.07	13.0	17.6	0.59	2630	2.78	0.03
E841959		3.22	135.5	6.51	5.99	0.08	0.07	0.06	0.122	0.07	15.2	16.3	0.52	4090	2.38	0.02
E841960		2.23	633.0	16.05	2.54	0.19	0.15	0.17	0.434	0.06	13.1	5.4	0.50	16450	3.83	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841921		<0.05	0.3	10	0.6	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.2
E841922		0.76	13.9	500	14.0	13.2	<0.001	0.02	0.86	1.4	0.6	0.7	8.8	<0.01	0.05	0.4
E841923		0.50	37.5	510	29.7	10.4	<0.001	0.01	1.82	2.4	0.8	0.3	4.6	<0.01	0.08	4.2
E841924		0.26	35.7	590	29.2	12.4	<0.001	0.02	2.46	3.9	1.2	0.2	4.4	0.01	0.09	6.5
E841925		0.22	32.7	690	25.7	12.1	<0.001	0.02	2.51	3.2	1.0	0.2	4.5	<0.01	0.10	5.7
E841926		0.65	21.9	520	13.0	10.7	<0.001	0.01	2.00	1.7	0.8	0.3	3.7	0.01	0.10	3.8
E841927		0.05	34.0	310	15.2	8.5	<0.001	<0.01	3.25	3.2	0.6	<0.2	2.1	<0.01	0.05	11.0
E841928		0.14	27.3	310	7.6	7.9	<0.001	<0.01	1.51	2.4	0.6	<0.2	1.7	<0.01	0.06	7.3
E841929		0.53	23.9	340	9.8	13.3	<0.001	<0.01	1.50	2.3	0.5	0.3	3.1	<0.01	0.08	6.0
E841930		0.53	31.2	680	13.7	14.2	<0.001	0.03	1.07	3.7	1.4	0.4	11.1	<0.01	0.08	2.2
E841931		0.84	37.6	490	14.9	10.9	<0.001	0.02	1.21	3.5	1.4	0.5	8.8	0.01	0.27	2.8
E841932		0.63	35.9	540	13.2	11.0	<0.001	0.02	1.13	2.9	0.9	0.3	6.3	0.01	0.05	4.0
E841933		0.81	23.2	530	16.4	13.7	<0.001	0.03	0.99	2.3	0.9	0.7	10.8	<0.01	0.05	0.9
E841934		0.21	25.3	320	9.1	9.7	<0.001	<0.01	1.09	2.0	0.7	0.2	1.8	<0.01	0.04	7.5
E841935		0.40	33.9	490	10.7	12.8	<0.001	0.02	1.28	2.0	0.7	0.3	4.7	<0.01	0.06	3.6
E841936		0.60	21.8	790	9.7	13.3	<0.001	0.06	0.96	4.0	1.3	0.4	5.5	0.01	0.08	4.7
E841937		0.39	40.9	1230	28.1	15.4	<0.001	0.07	2.28	13.6	3.8	0.3	13.8	0.02	0.23	8.9
E841938		0.56	45.1	440	15.3	14.6	<0.001	0.01	1.57	4.3	1.2	0.4	8.7	<0.01	0.06	6.1
E841939		0.47	16.8	550	8.7	15.1	<0.001	0.02	1.36	2.4	0.7	0.3	3.0	<0.01	0.06	4.7
E841940		0.08	22.7	300	9.8	9.9	<0.001	<0.01	1.08	2.8	0.4	0.2	1.4	<0.01	0.03	10.4
E841941		0.64	19.8	420	10.4	13.0	<0.001	<0.01	3.07	2.7	0.9	0.4	5.0	<0.01	0.06	3.7
E841942		0.48	20.6	1070	11.1	19.2	<0.001	0.08	0.84	2.5	1.1	0.4	10.1	<0.01	0.05	1.2
E841943		1.00	19.7	530	15.3	11.1	<0.001	0.02	0.88	2.1	0.8	0.8	10.0	<0.01	0.05	0.6
E841944		0.19	26.0	250	8.2	8.7	<0.001	<0.01	1.04	2.4	0.6	0.2	2.3	<0.01	0.04	7.7
E841945		0.46	20.6	460	10.9	8.9	<0.001	0.01	1.29	2.0	0.7	0.3	4.3	<0.01	0.05	2.2
E841946		0.24	41.1	480	42.9	11.6	<0.001	<0.01	2.32	4.1	1.2	0.2	5.2	<0.01	0.08	7.3
E841947		0.29	32.1	360	9.2	10.6	<0.001	<0.01	1.29	4.3	0.6	0.2	3.6	<0.01	0.07	8.9
E841948		0.56	29.4	570	12.9	16.5	<0.001	0.02	1.70	2.1	0.8	0.4	4.9	<0.01	0.09	2.5
E841949		0.53	24.5	560	10.8	11.0	<0.001	0.02	2.49	1.8	0.9	0.4	5.0	<0.01	0.07	1.8
E841950		0.47	59.7	720	18.3	14.1	<0.001	0.03	2.82	3.1	1.4	0.3	5.4	<0.01	0.13	3.6
E841951		0.38	34.1	720	22.3	15.1	<0.001	0.03	2.74	3.4	1.1	0.3	8.3	<0.01	0.09	4.3
E841952		0.27	30.5	530	20.4	13.7	<0.001	0.02	2.74	3.2	0.9	0.3	3.5	<0.01	0.07	5.2
E841953		0.26	30.6	490	21.4	13.9	<0.001	0.01	1.82	3.4	0.9	0.3	3.5	<0.01	0.07	5.8
E841954		1.21	25.7	470	17.7	12.2	<0.001	0.01	0.91	3.1	0.9	0.7	12.4	<0.01	0.05	1.3
E841955		0.19	19.4	1050	6.3	19.3	<0.001	0.04	1.06	2.9	1.0	0.4	4.1	<0.01	0.19	1.2
E841956		0.59	20.0	420	12.4	11.3	<0.001	0.01	1.11	2.2	0.8	0.4	3.8	<0.01	0.06	2.8
E841957		0.07	29.9	210	19.2	6.5	<0.001	0.01	1.30	1.7	0.6	0.2	1.2	<0.01	0.04	8.1
E841958		0.53	42.3	1080	24.3	15.3	<0.001	0.07	1.47	3.2	1.5	0.5	12.1	0.01	0.11	3.0
E841959		0.60	41.9	1020	33.1	16.7	<0.001	0.05	1.35	4.0	1.3	0.5	12.0	0.01	0.10	3.7
E841960		0.18	140.0	690	78.6	7.4	<0.001	0.23	3.33	10.0	3.5	0.2	19.3	0.02	0.21	10.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841921		<0.005	<0.02	0.11	<1	<0.05	0.69	2	0.6
E841922		0.036	0.15	0.75	48	0.22	2.95	42	<0.5
E841923		0.019	0.10	1.67	24	0.14	4.45	65	0.7
E841924		0.008	0.07	2.29	14	0.08	11.05	69	2.3
E841925		0.009	0.09	1.55	14	0.07	8.54	60	1.4
E841926		0.021	0.08	0.77	29	0.13	2.63	53	<0.5
E841927		<0.005	0.05	0.83	8	<0.05	5.76	33	2.0
E841928		<0.005	0.05	0.80	9	<0.05	5.01	27	1.2
E841929		0.014	0.09	0.76	22	0.10	3.52	33	1.0
E841930		0.034	0.10	3.25	36	0.16	11.75	88	0.7
E841931		0.043	0.11	1.44	39	0.22	7.17	65	<0.5
E841932		0.021	0.10	1.17	27	0.17	4.81	68	1.5
E841933		0.050	0.17	1.01	54	0.26	5.01	70	<0.5
E841934		0.006	0.05	0.87	10	0.07	3.41	32	1.2
E841935		0.017	0.09	1.18	22	0.12	4.46	52	0.6
E841936		0.023	0.11	1.25	31	0.13	11.45	69	1.1
E841937		0.016	0.26	13.00	29	0.17	46.20	102	5.6
E841938		0.024	0.09	2.01	28	0.15	11.40	64	1.9
E841939		0.014	0.11	1.09	20	0.12	4.47	42	0.9
E841940		<0.005	0.05	0.81	8	0.05	6.54	32	2.6
E841941		0.021	0.13	1.09	28	0.16	4.58	53	0.5
E841942		0.022	0.08	6.43	32	0.14	6.57	82	0.6
E841943		0.047	0.18	0.97	57	0.28	4.57	60	<0.5
E841944		0.006	0.05	1.05	10	0.05	4.79	32	0.8
E841945		0.022	0.09	0.72	25	0.14	4.35	38	<0.5
E841946		0.009	0.09	2.88	15	0.07	12.70	77	1.3
E841947		0.012	0.06	0.90	16	0.09	8.99	43	2.1
E841948		0.024	0.11	1.14	29	0.15	3.89	66	<0.5
E841949		0.024	0.09	0.94	28	0.14	3.27	44	<0.5
E841950		0.023	0.11	1.35	26	0.13	7.77	80	0.6
E841951		0.015	0.08	2.13	21	0.09	8.66	73	1.3
E841952		0.009	0.08	2.61	16	0.08	7.09	54	1.0
E841953		0.009	0.09	3.71	17	0.08	7.11	50	1.2
E841954		0.057	0.22	0.88	64	0.29	4.46	76	<0.5
E841955		0.016	0.08	5.23	38	0.14	4.74	21	<0.5
E841956		0.021	0.11	0.88	26	0.16	3.85	51	<0.5
E841957		<0.005	0.04	1.83	6	<0.05	3.95	46	0.6
E841958		0.024	0.15	6.93	42	0.16	13.10	92	2.7
E841959		0.027	0.14	4.17	47	0.20	16.25	114	1.9
E841960		0.010	0.15	2.65	12	0.08	47.30	97	5.4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841961		0.22	<0.005	0.17	1.02	7.4	<0.2	<10	80	0.47	0.70	0.90	0.24	22.00	27.8	10
E841962		0.54	0.023	0.88	1.43	119.5	<0.2	<10	100	1.51	10.20	0.26	0.38	34.80	129.5	14
E841963		0.36	0.016	1.22	1.11	132.5	<0.2	<10	160	1.68	16.95	0.41	0.41	27.40	145.0	10
E841964		0.34	0.021	1.51	1.33	155.0	<0.2	<10	120	2.07	14.95	0.33	0.58	30.10	182.0	12
E841965		0.66	0.007	0.42	1.08	47.6	<0.2	<10	150	1.33	3.37	0.19	0.41	34.40	42.8	13
E841966		0.04	<0.005	0.01	0.01	0.1	<0.2	<10	10	<0.05	0.02	<0.01	0.01	1.31	0.1	<1
E841967		0.68	0.017	0.72	1.16	130.0	<0.2	<10	40	1.02	11.25	2.89	0.18	25.10	136.5	10
E841968		0.80	0.008	0.60	0.98	127.0	<0.2	<10	60	0.84	7.01	1.58	0.21	27.40	65.6	9
E841969		0.40	<0.005	0.19	1.05	43.1	<0.2	<10	70	1.00	2.69	0.05	0.19	39.60	30.5	11
E841970		0.30	<0.005	0.04	1.82	18.7	<0.2	<10	110	0.67	0.62	0.07	0.14	31.60	13.0	28
E841971		0.34	<0.005	0.04	1.12	24.6	<0.2	<10	70	0.55	1.01	0.03	0.09	28.40	17.4	15
E841972		0.48	<0.005	0.04	0.93	15.7	<0.2	<10	50	0.33	0.88	0.01	0.04	24.40	13.1	12
E841973		0.20	<0.005	0.09	1.67	26.7	<0.2	<10	110	0.74	1.93	0.23	0.19	26.80	20.4	25
E841974		0.38	<0.005	0.06	1.38	25.3	<0.2	<10	90	0.70	1.31	0.04	0.18	30.00	15.1	17
E841975		0.40	<0.005	0.05	0.99	14.6	<0.2	<10	70	0.51	0.79	0.01	0.06	37.30	12.2	9
E841976		0.40	<0.005	0.04	1.06	15.6	<0.2	<10	80	0.65	0.76	0.01	0.07	49.60	17.4	9
E841977		0.42	<0.005	0.04	0.99	18.1	<0.2	<10	60	0.50	0.90	0.01	0.05	41.60	13.8	10
E841978		0.36	<0.005	0.04	1.25	25.2	<0.2	<10	90	0.69	1.54	0.09	0.18	35.50	19.6	17
E841979		0.24	0.013	0.05	1.35	20.2	<0.2	<10	80	0.61	1.49	0.05	0.15	32.40	14.6	19
E841980		0.26	<0.005	0.05	1.40	21.4	<0.2	<10	80	0.67	1.50	0.05	0.16	34.10	15.9	20
E841981		0.36	<0.005	0.13	1.33	34.9	<0.2	<10	110	0.86	3.28	0.10	0.12	37.50	21.2	18
E841982		0.38	<0.005	0.04	0.94	10.6	<0.2	<10	70	0.40	0.70	0.01	0.06	45.00	10.5	10
E841983		0.40	<0.005	0.03	0.80	9.3	<0.2	<10	60	0.37	0.55	0.01	0.04	60.20	12.9	8
E841984		0.28	0.005	0.42	1.25	44.5	<0.2	<10	100	1.04	6.46	0.20	0.22	31.20	28.6	14
E841985		0.20	0.010	0.15	1.56	62.3	<0.2	<10	200	1.30	7.25	0.11	0.66	36.40	56.0	16
E841986		0.28	0.006	0.42	1.18	43.5	<0.2	<10	110	0.90	4.31	0.19	0.25	34.30	31.9	14
E841987		0.56	<0.005	0.05	1.22	15.3	<0.2	<10	90	0.49	0.98	0.03	0.06	40.80	11.0	12
E841988		0.36	0.009	0.13	1.88	33.4	<0.2	<10	990	1.02	2.57	0.24	0.17	25.90	20.6	27
E841989		0.38	0.018	0.71	0.86	53.8	<0.2	<10	210	1.83	10.70	0.19	0.60	55.60	73.9	9
E841990		0.52	0.020	2.15	0.69	131.0	<0.2	<10	150	1.16	21.90	0.23	1.18	26.10	57.5	8
E841991		0.34	<0.005	0.20	1.22	29.7	<0.2	<10	90	0.76	2.87	0.12	0.21	40.20	21.9	15
E841992		0.24	<0.005	0.06	1.41	18.5	<0.2	<10	80	0.41	1.71	0.07	0.14	27.00	9.0	25
E841993		0.32	<0.005	0.07	1.14	43.1	<0.2	<10	100	0.39	0.72	0.04	0.08	32.10	11.1	15
E841994		0.38	<0.005	0.05	1.24	20.6	<0.2	<10	110	0.60	0.65	0.07	0.07	49.50	14.3	15
E841995		0.28	<0.005	0.04	1.10	12.6	<0.2	<10	80	0.50	0.58	0.03	0.10	51.80	14.4	11
E841996		0.26	0.009	0.04	1.37	15.5	<0.2	<10	90	0.40	0.65	0.06	0.10	39.30	13.3	19
E841997		0.32	0.036	0.63	1.72	102.0	<0.2	<10	990	0.91	5.31	0.10	0.39	35.00	38.2	22
E841998		0.22	<0.005	0.10	1.76	27.2	<0.2	<10	120	0.48	1.03	0.08	0.20	34.90	17.2	26
E841999		0.24	<0.005	0.08	1.70	24.4	<0.2	<10	70	0.34	0.60	0.07	0.15	33.30	17.9	27
E842000		0.22	<0.005	0.12	1.59	19.5	<0.2	<10	60	0.36	0.86	0.06	0.17	28.20	18.3	26

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841961		0.64	45.2	23.70	3.08	0.30	0.24	0.07	0.476	0.03	5.3	6.6	0.95	15950	0.51	0.02
E841962		2.32	1080.0	10.35	3.98	0.18	0.13	0.13	0.344	0.05	15.7	15.6	0.90	10150	4.88	0.02
E841963		2.90	1635.0	15.35	3.34	0.17	0.17	0.10	0.493	0.05	12.2	9.2	0.59	17800	4.91	0.02
E841964		3.10	1765.0	17.40	3.87	0.21	0.19	0.12	0.490	0.04	12.5	10.1	0.68	16250	6.08	0.02
E841965		3.10	519.0	10.45	3.35	0.14	0.12	0.10	0.294	0.05	15.2	8.9	0.50	9970	2.28	0.02
E841966		<0.05	1.9	0.03	0.13	<0.05	0.02	0.01	<0.005	<0.01	0.6	0.1	<0.01	14	<0.05	0.02
E841967		2.22	425.0	10.15	2.70	0.13	0.29	0.06	0.295	0.07	11.3	12.4	1.91	7890	4.79	0.03
E841968		1.85	487.0	11.20	2.46	0.15	0.10	0.26	0.343	0.05	12.1	9.4	1.21	15000	2.55	0.03
E841969		2.25	188.0	5.97	2.95	0.09	0.04	0.04	0.132	0.07	19.2	11.0	0.32	3300	1.81	0.02
E841970		1.70	32.7	3.60	6.10	0.06	<0.02	0.03	0.027	0.06	15.5	16.6	0.44	716	1.48	0.02
E841971		1.20	73.0	3.97	3.53	0.06	0.02	0.02	0.037	0.05	13.8	11.5	0.30	923	1.71	0.02
E841972		0.52	67.7	3.66	1.84	0.05	0.03	0.02	0.022	0.05	12.4	6.0	0.32	978	2.26	0.01
E841973		2.34	71.0	5.82	5.52	0.08	0.03	0.04	0.083	0.08	14.0	15.1	0.44	2070	6.99	0.03
E841974		1.65	63.0	4.40	3.83	0.08	0.04	0.03	0.054	0.10	16.2	12.6	0.34	1325	2.86	0.02
E841975		0.79	49.1	3.48	2.58	0.07	0.03	0.02	0.028	0.12	18.8	8.4	0.24	902	0.54	0.01
E841976		0.82	54.3	3.72	2.66	0.09	0.04	0.01	0.028	0.14	24.3	10.3	0.30	1015	0.49	0.02
E841977		0.80	53.3	3.83	2.71	0.07	0.02	0.02	0.030	0.09	21.0	8.5	0.26	960	0.71	0.02
E841978		1.23	58.9	4.25	3.85	0.07	<0.02	0.02	0.045	0.05	17.7	14.4	0.44	1020	0.99	0.02
E841979		1.98	41.5	4.63	5.24	0.07	<0.02	0.04	0.064	0.05	15.4	13.7	0.35	1145	1.63	0.02
E841980		2.12	43.2	4.76	5.36	0.07	<0.02	0.05	0.070	0.05	16.6	14.7	0.37	1280	1.68	0.02
E841981		1.96	98.2	4.83	3.77	0.09	0.03	0.04	0.085	0.08	20.2	14.5	0.46	1270	1.11	0.02
E841982		0.81	33.6	3.39	2.53	0.08	0.03	0.02	0.027	0.06	22.1	11.8	0.28	584	0.60	0.02
E841983		0.62	34.9	3.25	2.17	0.11	<0.02	0.01	0.023	0.06	28.5	11.2	0.28	607	0.51	0.02
E841984		3.06	271.0	7.74	3.13	0.09	0.07	0.05	0.326	0.09	16.1	9.6	0.38	3090	2.15	0.02
E841985		4.09	452.0	8.83	3.71	0.12	0.11	0.08	0.374	0.09	19.8	12.3	0.36	6690	3.17	0.02
E841986		2.82	213.0	6.58	3.15	0.09	0.08	0.05	0.197	0.09	17.8	10.9	0.42	2980	1.92	0.02
E841987		0.73	58.6	3.75	2.66	0.07	0.05	0.03	0.034	0.07	20.4	10.8	0.36	773	0.59	0.02
E841988		3.28	46.9	6.82	5.42	0.10	0.05	0.05	0.227	0.07	17.1	14.5	0.42	2960	3.55	0.02
E841989		2.48	215.0	17.30	3.37	0.21	0.13	0.16	1.110	0.07	23.4	2.5	0.18	21200	5.41	0.04
E841990		3.69	589.0	13.70	2.83	0.14	0.06	0.14	0.572	0.05	11.8	4.3	0.34	15450	3.05	0.02
E841991		1.71	113.5	5.60	3.63	0.08	0.06	0.04	0.120	0.07	19.9	12.2	0.41	3020	1.14	0.02
E841992		2.43	83.6	3.44	6.72	0.05	<0.02	0.05	0.038	0.05	13.3	12.5	0.33	1115	1.93	0.02
E841993		1.31	35.9	3.65	4.21	0.06	<0.02	0.59	0.045	0.06	14.8	9.3	0.23	1280	1.15	<0.01
E841994		1.21	36.0	3.65	3.66	0.08	0.03	0.21	0.041	0.06	23.1	13.3	0.36	861	0.81	<0.01
E841995		1.05	26.8	3.38	3.16	0.09	0.02	0.15	0.040	0.07	23.2	12.3	0.28	870	0.72	<0.01
E841996		1.50	30.4	3.83	5.06	0.07	<0.02	0.09	0.045	0.07	17.6	12.8	0.34	957	1.41	<0.01
E841997		2.65	430.0	5.72	5.48	0.09	0.02	0.20	0.100	0.08	15.6	16.6	0.38	4800	3.26	<0.01
E841998		2.16	52.8	4.38	6.43	0.07	0.02	0.15	0.060	0.07	15.6	16.8	0.44	2470	2.07	<0.01
E841999		1.93	37.8	3.58	6.79	0.06	<0.02	0.16	0.043	0.05	14.6	14.2	0.39	968	2.00	<0.01
E842000		2.03	43.3	3.89	7.72	0.05	<0.02	0.06	0.062	0.05	12.7	14.0	0.32	773	2.27	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841961		0.13	35.5	720	16.1	4.6	0.001	0.05	0.59	26.7	3.6	<0.2	41.2	0.04	0.05	6.1
E841962		0.20	109.0	610	26.2	7.2	<0.001	0.12	3.76	7.1	3.4	0.2	15.3	0.01	0.28	11.8
E841963		0.21	123.5	580	41.3	8.2	<0.001	0.13	4.29	9.3	3.6	0.2	21.4	0.02	0.33	13.1
E841964		0.25	195.5	710	43.7	7.9	<0.001	0.14	6.27	10.8	4.7	0.2	17.0	0.02	0.43	13.3
E841965		0.33	64.1	700	30.2	7.2	<0.001	0.05	2.17	6.6	2.0	0.2	12.4	0.02	0.14	11.2
E841966		<0.05	0.4	10	0.6	0.1	<0.001	0.02	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E841967		0.05	177.0	370	39.9	7.5	<0.001	0.30	6.58	6.8	3.1	<0.2	27.2	0.01	0.34	13.6
E841968		0.11	74.3	490	55.3	6.3	<0.001	0.24	8.87	5.9	2.2	<0.2	29.4	0.01	0.23	8.0
E841969		0.25	46.8	410	48.9	9.5	<0.001	0.02	2.03	3.6	1.0	0.2	4.2	<0.01	0.09	9.0
E841970		0.85	26.6	470	16.8	10.4	<0.001	0.04	1.04	2.2	0.7	0.6	9.1	<0.01	0.05	1.4
E841971		0.49	27.7	390	18.5	8.0	<0.001	0.03	1.42	1.7	0.5	0.3	3.5	<0.01	0.05	4.3
E841972		0.14	21.0	280	8.8	4.9	<0.001	0.02	0.78	1.4	0.5	<0.2	1.2	<0.01	0.04	5.9
E841973		0.58	36.6	820	19.7	15.9	<0.001	0.07	1.37	5.4	1.2	0.4	10.5	0.01	0.15	2.9
E841974		0.38	29.3	670	17.2	14.4	<0.001	0.04	1.77	3.0	0.8	0.3	4.6	<0.01	0.08	4.4
E841975		0.12	22.5	330	13.9	10.5	<0.001	0.02	1.28	2.0	0.4	0.2	2.0	<0.01	0.03	6.9
E841976		0.07	28.9	250	15.5	10.5	<0.001	0.01	1.33	3.0	0.3	<0.2	1.9	<0.01	0.03	12.1
E841977		0.25	23.8	350	16.6	9.2	<0.001	0.03	1.69	2.0	0.5	0.2	2.1	<0.01	0.03	7.3
E841978		0.46	33.9	440	16.3	8.1	<0.001	0.03	2.75	2.1	0.5	0.2	6.9	<0.01	0.05	3.9
E841979		0.58	25.2	760	15.7	10.7	<0.001	0.06	1.48	2.4	0.7	0.4	7.4	<0.01	0.08	2.2
E841980		0.59	26.7	780	16.3	11.3	0.001	0.06	1.51	2.5	0.9	0.5	7.9	<0.01	0.08	2.3
E841981		0.45	35.9	560	14.1	11.0	<0.001	0.02	2.12	4.5	0.9	0.3	9.7	<0.01	0.19	7.3
E841982		0.23	23.4	330	6.8	7.9	<0.001	0.03	0.84	2.1	0.4	<0.2	2.5	<0.01	0.03	6.6
E841983		0.13	25.3	250	6.7	5.9	<0.001	0.01	0.75	2.5	0.4	<0.2	2.4	<0.01	0.02	9.2
E841984		0.28	41.4	680	61.1	13.6	<0.001	0.05	3.94	4.0	1.3	0.2	5.6	<0.01	0.11	6.5
E841985		0.32	65.6	760	95.6	16.6	<0.001	0.04	5.45	5.9	2.3	0.3	5.2	0.01	0.12	7.1
E841986		0.24	43.6	570	49.2	13.2	<0.001	0.04	3.07	4.0	1.4	0.2	5.5	<0.01	0.09	8.0
E841987		0.26	25.0	350	10.2	8.8	0.001	0.02	1.48	1.8	0.4	<0.2	2.6	<0.01	0.04	7.6
E841988		0.43	39.4	1170	18.8	22.9	<0.001	0.07	1.39	5.3	1.6	0.5	13.5	0.01	0.13	2.8
E841989		0.34	106.0	1440	35.1	11.9	<0.001	0.07	2.55	8.3	2.9	0.2	12.1	0.03	0.19	9.3
E841990		0.23	94.2	580	177.5	9.1	<0.001	0.06	16.35	7.2	1.6	0.2	11.1	0.01	0.55	15.3
E841991		0.39	35.4	500	32.4	10.6	<0.001	0.03	2.21	3.6	0.7	0.3	6.6	<0.01	0.08	7.1
E841992		0.82	21.5	610	19.4	11.8	<0.001	0.05	1.51	1.8	0.6	0.7	9.7	<0.01	0.08	1.0
E841993		0.60	17.6	600	10.8	12.7	0.001	0.04	1.02	1.6	0.8	0.4	4.3	<0.01	0.05	1.2
E841994		0.53	25.3	430	10.8	9.7	0.001	<0.01	0.78	3.3	0.7	0.3	7.0	<0.01	0.03	5.1
E841995		0.43	21.4	440	8.6	10.3	0.001	0.01	0.70	2.6	0.6	0.3	4.0	<0.01	0.02	4.4
E841996		0.59	23.2	530	12.4	13.6	0.001	0.03	1.08	1.9	0.6	0.5	7.1	<0.01	0.05	1.2
E841997		0.59	53.1	890	130.0	16.0	0.001	0.04	13.10	3.3	1.6	0.5	10.3	<0.01	0.31	3.0
E841998		0.89	29.1	710	16.3	15.5	0.001	0.05	1.49	2.9	1.1	0.6	10.1	<0.01	0.07	1.5
E841999		1.01	27.8	520	15.6	11.4	0.001	0.03	1.23	2.1	1.0	0.7	9.4	<0.01	0.06	0.9
E842000		1.19	26.6	540	18.1	9.3	<0.001	0.06	1.33	2.3	1.1	0.8	8.3	<0.01	0.08	1.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 14-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076093

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841961		<0.005	0.08	0.62	17	0.12	121.00	76	2.9
E841962		0.012	0.13	3.49	16	0.10	37.90	137	5.6
E841963		0.012	0.19	4.62	14	0.11	62.10	108	5.2
E841964		0.013	0.19	5.02	15	0.11	62.20	142	6.2
E841965		0.021	0.15	3.36	21	0.11	36.20	97	3.7
E841966		<0.005	<0.02	0.12	<1	<0.05	0.71	3	0.5
E841967		<0.005	0.26	3.73	8	<0.05	30.70	56	21.0
E841968		0.006	0.45	2.48	8	0.05	35.40	80	4.9
E841969		0.011	0.12	3.36	16	0.08	11.90	70	1.4
E841970		0.045	0.14	1.03	50	0.24	4.54	72	<0.5
E841971		0.019	0.08	1.45	22	0.11	3.37	48	0.6
E841972		0.006	0.04	3.29	12	<0.05	3.15	32	1.0
E841973		0.029	0.12	10.40	41	0.17	13.10	83	0.6
E841974		0.016	0.08	3.27	22	0.10	7.16	73	1.0
E841975		<0.005	0.06	0.82	9	<0.05	3.84	34	1.1
E841976		<0.005	0.06	0.87	8	<0.05	5.83	32	2.4
E841977		0.009	0.06	0.98	13	0.05	4.00	38	0.7
E841978		0.024	0.07	0.93	26	0.13	4.37	56	<0.5
E841979		0.032	0.11	1.17	39	0.17	5.76	64	<0.5
E841980		0.033	0.12	1.21	40	0.17	6.26	66	<0.5
E841981		0.022	0.08	2.01	25	0.11	11.65	60	0.9
E841982		0.007	0.05	1.03	12	0.05	4.93	41	0.9
E841983		<0.005	0.04	1.00	8	<0.05	4.94	35	<0.5
E841984		0.010	0.08	3.78	17	0.08	15.30	109	2.0
E841985		0.011	0.14	6.13	21	0.10	28.30	140	2.9
E841986		0.009	0.08	4.82	15	0.07	14.35	84	2.7
E841987		0.008	0.06	0.96	11	0.06	3.50	41	1.5
E841988		0.025	0.11	6.05	45	0.19	23.00	91	0.7
E841989		0.016	0.17	3.05	23	0.13	56.10	140	2.5
E841990		0.012	0.21	2.69	18	0.08	21.80	181	3.0
E841991		0.016	0.09	3.60	22	0.10	11.60	71	1.9
E841992		0.043	0.14	1.01	56	0.27	3.50	67	<0.5
E841993		0.029	0.29	0.82	31	0.82	3.15	48	<0.5
E841994		0.023	0.14	1.00	27	0.66	7.43	52	0.7
E841995		0.017	0.10	0.86	19	0.72	5.20	48	0.5
E841996		0.035	0.12	0.95	41	0.67	3.87	61	<0.5
E841997		0.039	0.15	2.15	45	0.76	8.33	121	<0.5
E841998		0.051	0.14	1.40	55	0.62	6.87	87	<0.5
E841999		0.050	0.17	0.98	59	0.89	3.69	74	<0.5
E842000		0.055	0.17	1.08	62	0.29	3.55	64	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 18-AUG-2007
Account: EIAFRG

CERTIFICATE VA07076094

Project: Werneckes

P.O. No.: FRG07-01

This report is for 81 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07076094

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840378	0.38	0.026	0.05	0.60	32.9	<0.2	<10	130	0.77	1.35	0.05	0.16	31.30	51.1	7
E840379	0.14	NSS	0.10	0.68	29.5	<0.2	<10	610	0.60	1.65	2.03	0.23	11.90	62.6	6
E840380	0.12	0.026	0.07	0.63	23.1	<0.2	<10	1700	0.29	1.37	0.86	0.06	20.20	124.0	6
E840381	0.32	0.010	0.05	0.89	11.4	<0.2	<10	810	0.28	0.75	0.87	0.11	37.80	23.9	10
E840382	0.18	<0.005	0.06	0.77	5.9	<0.2	<10	3350	0.44	0.51	1.13	0.30	19.85	19.0	7
E840383	0.36	0.010	0.25	1.86	12.1	<0.2	<10	1050	0.92	0.65	0.71	0.28	41.40	23.4	22
E840384	0.02	<0.005	0.01	0.01	1.4	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.23	0.1	<1
E840385	0.26	0.012	0.04	2.66	13.9	<0.2	<10	130	0.97	0.34	0.89	0.12	33.90	30.9	33
E840386	0.26	<0.005	0.09	0.92	18.4	<0.2	<10	550	0.57	1.20	0.75	0.19	43.10	91.1	13
E840387	0.40	<0.005	0.05	2.57	8.8	<0.2	<10	170	1.32	0.41	0.20	0.14	61.00	38.3	30
E840388	0.26	<0.005	0.11	2.11	8.4	<0.2	<10	190	1.11	0.40	0.44	0.18	52.30	24.8	24
E840389	0.28	0.006	0.08	1.77	7.8	<0.2	<10	140	1.07	0.37	0.76	0.17	46.30	17.5	22
E840390	0.28	0.005	0.04	2.57	7.3	<0.2	<10	180	1.19	0.51	0.44	0.07	62.70	31.1	29
E840391	0.26	<0.005	0.04	2.01	9.2	<0.2	<10	120	1.34	0.28	0.52	0.09	49.30	16.7	25
E840392	0.38	0.099	0.34	1.39	16.9	<0.2	<10	860	1.46	1.74	1.72	0.26	37.30	88.2	16
E841565	0.50	0.012	0.27	0.92	105.5	<0.2	<10	50	1.13	5.42	0.05	0.12	13.20	87.2	12
E841566	0.52	<0.005	0.11	0.39	44.9	<0.2	<10	30	0.99	1.61	0.70	0.06	29.80	31.7	4
E841567	0.58	0.010	0.16	0.42	48.2	<0.2	<10	40	1.07	1.64	1.19	0.06	28.20	32.4	5
E841568	0.76	<0.005	0.15	0.64	49.9	<0.2	<10	40	0.99	2.99	0.66	0.07	20.30	48.5	7
E841569	0.70	0.089	0.21	0.41	53.2	<0.2	<10	70	0.88	3.54	1.65	0.13	27.30	43.1	6
E841570	0.68	0.035	0.25	0.64	63.4	<0.2	<10	80	0.88	2.85	1.48	0.13	21.00	44.6	9
E841571	0.54	0.051	0.21	0.72	52.1	<0.2	<10	150	0.72	2.36	1.45	0.11	27.70	44.2	15
E841572	0.52	0.035	0.15	0.75	22.4	<0.2	<10	150	0.61	1.37	1.81	0.09	23.00	41.0	19
E841573	0.58	0.066	0.17	0.72	18.6	<0.2	<10	1020	0.74	1.66	2.35	0.08	24.50	52.2	12
E841574	0.38	0.091	0.09	1.68	76.5	<0.2	<10	1400	0.87	1.05	0.99	0.05	52.50	41.7	14
E841575	0.34	0.052	0.21	1.10	56.7	<0.2	<10	210	0.97	2.11	0.76	0.15	25.40	47.2	15
E841576	0.62	0.049	0.27	0.97	109.5	<0.2	<10	50	0.92	3.43	0.69	0.15	20.30	48.7	10
E841577	0.58	0.026	0.34	0.83	162.0	<0.2	<10	50	1.09	5.12	0.81	0.22	21.80	56.3	8
E841578	0.62	0.023	0.32	1.05	139.5	<0.2	<10	100	0.99	3.77	0.22	0.15	23.60	53.9	12
E841579	0.46	0.206	0.37	1.06	247.0	<0.2	<10	140	1.17	4.67	0.23	0.24	26.10	81.4	11
E841580	0.04	<0.005	<0.01	0.01	0.7	<0.2	<10	10	<0.05	0.02	0.01	0.01	1.02	0.2	<1
E841581	0.34	<0.005	0.10	0.75	54.8	<0.2	<10	40	0.68	2.45	0.02	0.06	31.40	21.3	10
E841582	0.60	0.008	0.17	0.95	58.6	<0.2	<10	80	0.75	5.98	0.03	0.09	31.80	27.8	14
E841583	0.28	0.027	0.12	1.12	31.0	<0.2	<10	110	0.72	2.01	0.40	0.21	25.80	35.0	15
E841584	0.34	0.026	0.11	1.03	27.1	<0.2	<10	100	0.66	1.69	0.37	0.18	26.60	31.7	14
E841585	0.34	<0.005	0.07	1.76	31.5	<0.2	<10	70	0.63	6.55	0.06	0.13	34.00	24.3	27
E841586	0.24	<0.005	0.08	1.05	35.3	<0.2	<10	40	0.41	1.84	0.04	0.07	27.30	13.4	16
E841587	0.30	<0.005	0.14	1.56	18.2	<0.2	<10	90	0.68	0.76	0.10	0.20	28.30	8.7	26
E841588	0.24	<0.005	0.17	1.93	31.5	<0.2	<10	130	1.04	1.30	0.22	0.31	34.10	22.5	30
E841589	0.26	<0.005	0.38	1.06	69.7	<0.2	<10	90	1.12	3.69	0.34	0.35	30.20	77.5	13

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840378	2.19	50.2	3.07	3.19	0.05	0.02	0.05	0.123	0.06	14.0	3.0	0.05	7430	2.36	0.01
E840379	1.23	20.0	3.31	1.55	0.06	0.06	0.11	0.135	0.05	6.7	3.2	0.44	2670	4.42	0.02
E840380	0.65	42.3	5.71	1.92	0.07	0.04	0.17	0.199	0.05	10.3	2.8	0.21	2600	7.95	0.01
E840381	0.78	34.9	4.51	3.53	0.06	0.04	0.07	0.152	0.05	20.4	4.1	0.24	1870	5.43	0.01
E840382	0.70	37.2	4.55	2.09	0.06	0.05	0.18	0.160	0.04	8.7	3.4	0.29	5960	3.95	<0.01
E840383	1.62	92.0	7.44	5.40	0.11	0.10	0.21	0.179	0.10	22.9	23.2	0.80	8120	2.45	0.01
E840384	<0.05	1.1	0.01	<0.05	<0.05	0.03	0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
E840385	3.18	73.6	6.88	8.76	0.12	0.05	0.08	0.144	0.10	18.1	28.1	1.97	2800	1.83	0.01
E840386	0.69	22.5	7.48	3.18	0.12	0.10	0.15	0.119	0.15	23.0	7.7	0.56	5630	15.25	0.02
E840387	3.50	47.9	5.16	8.92	0.12	0.05	0.06	0.074	0.10	29.8	34.6	2.01	1750	1.27	0.01
E840388	4.30	40.3	4.58	7.17	0.10	0.03	0.11	0.070	0.16	25.5	30.1	1.57	2340	1.42	0.01
E840389	3.41	41.5	3.95	6.42	0.11	0.05	0.09	0.040	0.13	23.2	23.9	1.57	1750	0.91	0.01
E840390	4.75	76.7	4.93	9.21	0.13	0.03	0.03	0.046	0.17	31.3	41.5	2.28	874	3.18	0.01
E840391	3.17	10.2	3.75	6.52	0.10	0.05	0.03	0.036	0.16	24.0	25.3	1.41	1430	0.88	0.01
E840392	2.99	99.2	6.93	4.08	0.12	0.21	0.12	0.158	0.10	16.7	13.6	0.87	10450	29.80	0.01
E841565	1.62	354.0	9.38	2.38	0.14	0.12	0.06	0.185	0.05	6.9	13.6	0.58	1990	4.24	<0.01
E841566	0.83	123.5	3.44	1.14	0.07	0.29	0.02	0.057	0.05	13.8	4.8	0.50	1280	3.03	<0.01
E841567	0.93	126.5	3.51	1.19	0.08	0.34	0.02	0.058	0.06	13.1	4.9	0.70	1330	3.32	<0.01
E841568	1.00	166.5	5.32	1.66	0.09	0.24	0.03	0.086	0.05	8.9	7.9	0.67	2130	3.52	<0.01
E841569	1.13	251.0	4.66	1.34	0.08	0.35	0.83	0.072	0.07	12.8	4.3	0.87	2480	7.43	<0.01
E841570	1.44	266.0	5.92	1.98	0.09	0.25	0.03	0.085	0.09	10.2	6.6	0.94	2640	8.15	<0.01
E841571	2.16	221.0	8.00	2.45	0.11	0.25	0.03	0.105	0.13	14.1	5.8	0.83	3920	14.20	0.01
E841572	2.48	148.5	8.30	2.84	0.11	0.21	0.03	0.096	0.13	11.8	6.5	1.03	3670	15.85	0.01
E841573	3.10	316.0	8.19	3.24	0.12	0.07	0.05	0.119	0.18	12.7	15.0	1.34	4210	20.60	0.01
E841574	2.15	178.5	7.31	6.30	0.13	0.08	0.06	0.108	0.11	28.3	21.8	1.07	4410	10.75	<0.01
E841575	2.41	408.0	9.76	4.17	0.12	0.14	0.08	0.201	0.13	12.5	11.6	0.64	6950	13.45	0.01
E841576	1.03	397.0	7.73	3.02	0.10	0.16	0.06	0.159	0.06	9.6	10.7	0.81	5440	6.34	0.01
E841577	1.14	353.0	8.21	2.40	0.11	0.32	0.03	0.174	0.07	10.6	8.2	0.68	4880	3.58	0.01
E841578	1.75	557.0	8.93	3.20	0.11	0.12	0.11	0.183	0.07	11.2	10.8	0.64	5840	5.47	<0.01
E841579	2.15	1330.0	10.80	3.26	0.14	0.10	0.07	0.324	0.06	12.0	8.2	0.47	11950	7.84	<0.01
E841580	<0.05	3.4	0.04	0.07	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	42	0.06	<0.01
E841581	0.89	141.5	3.76	2.27	0.08	0.04	0.03	0.062	0.04	14.9	6.8	0.32	1230	2.42	<0.01
E841582	1.31	217.0	4.11	2.77	0.09	0.05	0.04	0.064	0.05	15.4	9.8	0.43	1410	4.80	<0.01
E841583	1.74	103.5	8.32	3.68	0.11	0.09	0.08	0.121	0.07	11.9	9.5	0.43	8410	3.99	0.01
E841584	1.68	94.5	7.94	3.61	0.11	0.08	0.08	0.118	0.07	12.2	8.8	0.41	8060	4.32	0.01
E841585	2.07	91.5	5.05	6.37	0.08	0.03	0.04	0.064	0.08	15.9	16.0	0.47	1170	2.13	0.01
E841586	1.13	96.8	4.65	3.96	0.07	0.02	0.03	0.084	0.04	13.4	8.4	0.30	1290	2.09	<0.01
E841587	1.99	36.6	3.88	6.61	0.06	0.02	0.06	0.062	0.06	12.5	15.5	0.40	635	1.66	0.01
E841588	2.33	90.5	5.96	5.62	0.10	0.06	0.04	0.115	0.08	17.3	19.8	0.58	3050	1.76	0.01
E841589	1.45	272.0	9.00	2.95	0.13	0.10	0.06	0.192	0.06	12.9	10.5	0.61	6830	3.33	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 18-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840378		0.17	13.1	1140	7.4	10.8	<0.001	0.06	0.68	1.3	0.6	0.4	4.1	<0.01	0.07	1.0
E840379		0.20	15.2	1050	6.4	6.4	<0.001	0.21	0.50	2.7	1.6	0.2	23.9	<0.01	0.09	2.5
E840380		0.26	14.3	1040	8.6	5.4	<0.001	0.17	0.69	4.2	1.6	0.3	27.4	0.01	0.25	5.3
E840381		0.40	21.9	610	7.0	6.9	<0.001	0.07	0.84	2.9	0.7	0.5	19.1	<0.01	0.17	4.1
E840382		0.20	15.5	1360	6.9	5.8	<0.001	0.12	0.58	4.2	1.2	0.2	33.5	0.01	0.12	3.4
E840383		0.34	40.8	1210	11.0	11.3	<0.001	0.07	0.93	13.7	1.5	0.6	14.3	0.01	0.24	7.6
E840384		<0.05	0.5	10	1.0	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
E840385		0.60	51.0	950	6.8	11.9	<0.001	0.07	0.72	12.5	1.0	1.2	10.4	0.01	0.07	2.2
E840386		0.39	29.4	1110	6.1	11.0	0.001	0.30	0.69	6.9	2.3	0.7	15.6	0.01	0.24	6.8
E840387		0.86	43.3	610	9.1	12.3	<0.001	0.04	0.94	5.7	0.7	0.7	7.7	0.01	0.06	9.7
E840388		0.84	45.7	990	9.6	23.8	<0.001	0.04	0.96	4.8	0.7	0.6	10.0	0.01	0.06	5.3
E840389		0.70	43.2	890	9.1	25.6	<0.001	0.05	0.98	5.6	1.1	0.5	11.9	0.01	0.07	5.5
E840390		1.22	41.8	460	5.8	33.0	<0.001	0.03	0.61	4.7	0.6	0.7	8.9	<0.01	0.11	7.1
E840391		0.76	36.5	500	6.8	32.7	<0.001	0.04	0.75	5.1	0.7	0.7	12.1	<0.01	0.06	5.2
E840392		0.26	41.3	1370	15.2	12.2	<0.001	0.12	3.12	7.0	3.2	0.4	17.5	0.01	0.85	7.1
E841565		0.08	167.0	400	13.3	4.6	<0.001	0.06	4.58	4.5	2.0	<0.2	3.2	<0.01	0.22	23.3
E841566		<0.05	48.9	340	13.8	3.2	<0.001	0.03	1.85	3.0	0.9	<0.2	5.2	<0.01	0.06	19.0
E841567		<0.05	52.0	340	16.9	3.8	<0.001	0.03	1.97	3.1	0.9	<0.2	7.4	<0.01	0.05	20.4
E841568		<0.05	70.0	350	14.7	3.7	<0.001	0.05	2.11	3.5	1.2	<0.2	7.8	<0.01	0.12	20.0
E841569		0.05	50.6	400	29.9	6.6	0.001	0.04	2.74	3.7	1.2	0.2	9.1	<0.01	1.33	18.4
E841570		<0.05	59.6	480	34.5	8.3	0.001	0.06	2.28	4.6	1.3	0.2	12.9	<0.01	0.17	18.2
E841571		0.06	53.1	830	22.3	12.6	0.001	0.04	1.63	6.3	1.4	0.4	12.5	<0.01	0.27	21.0
E841572		0.07	46.2	970	18.4	12.9	0.001	0.05	1.28	6.9	1.3	0.5	12.7	<0.01	0.25	19.3
E841573		0.36	53.8	850	26.1	24.2	0.001	0.21	1.72	9.2	1.9	0.5	19.1	0.01	0.39	20.7
E841574		0.13	44.3	870	5.2	20.9	<0.001	0.16	2.52	13.2	1.6	0.5	17.1	<0.01	0.39	14.2
E841575		0.18	68.1	900	23.5	19.5	<0.001	0.09	1.48	12.3	2.4	0.3	8.8	0.01	0.27	12.9
E841576		0.07	77.5	410	44.4	6.1	<0.001	0.07	1.46	6.1	1.5	<0.2	8.1	0.01	0.14	21.1
E841577		<0.05	95.7	300	82.1	5.8	<0.001	0.06	1.44	5.7	1.6	<0.2	8.4	<0.01	0.14	26.2
E841578		0.09	97.6	460	24.8	8.1	<0.001	0.06	2.31	6.4	1.7	0.2	6.6	0.01	0.18	18.5
E841579		0.22	132.5	660	11.8	9.6	<0.001	0.04	1.88	8.0	2.1	0.2	9.6	0.01	0.21	11.0
E841580		<0.05	0.5	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
E841581		0.18	30.8	330	9.5	5.5	<0.001	0.02	1.80	1.7	0.8	<0.2	2.0	<0.01	0.05	6.3
E841582		0.27	44.7	360	13.4	7.4	<0.001	0.01	2.37	2.7	0.8	<0.2	2.8	<0.01	0.08	7.1
E841583		0.24	41.4	1030	9.9	13.4	<0.001	0.06	1.44	13.2	1.6	0.3	8.4	0.01	0.13	7.7
E841584		0.21	39.6	900	8.9	12.7	<0.001	0.04	1.35	12.8	1.5	0.3	8.1	0.01	0.11	9.8
E841585		1.25	38.5	440	16.7	15.4	<0.001	0.03	1.35	3.1	1.1	0.6	7.3	<0.01	0.09	5.1
E841586		0.52	29.5	400	10.1	8.8	<0.001	0.04	1.87	2.0	0.9	0.3	4.7	<0.01	0.05	3.0
E841587		0.87	25.4	550	16.7	11.5	<0.001	0.06	0.88	1.8	1.0	0.7	10.3	<0.01	0.04	0.6
E841588		0.60	39.0	870	29.4	15.7	<0.001	0.05	1.12	5.8	1.6	0.5	13.8	0.01	0.09	3.4
E841589		0.28	82.3	620	57.3	7.2	<0.001	0.08	2.90	6.1	2.2	0.2	12.8	0.01	0.17	10.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840378		0.012	0.13	1.14	22	0.10	5.55	17	<0.5
E840379		0.007	0.06	4.55	10	0.12	14.60	19	1.8
E840380		0.009	0.07	5.41	14	0.25	13.30	17	1.0
E840381		0.017	0.09	2.75	29	0.48	5.85	27	1.3
E840382		0.013	0.08	2.06	15	0.18	13.50	53	1.2
E840383		0.021	0.11	3.54	36	0.37	32.50	48	2.1
E840384		<0.005	<0.02	0.08	<1	<0.05	0.64	3	0.6
E840385		0.043	0.15	1.06	95	0.53	12.30	38	0.6
E840386		0.017	0.12	4.22	22	0.56	15.80	30	2.0
E840387		0.049	0.14	3.07	49	0.24	5.86	44	1.3
E840388		0.062	0.16	3.55	39	0.23	6.08	43	0.5
E840389		0.054	0.12	2.93	34	0.22	13.70	40	1.1
E840390		0.080	0.16	1.44	56	0.23	3.92	33	1.1
E840391		0.051	0.16	2.13	38	0.25	11.40	38	0.9
E840392		0.012	0.15	7.09	23	0.60	35.40	44	6.0
E841565		0.005	0.07	1.89	10	<0.05	7.22	29	7.3
E841566		<0.005	0.04	1.68	4	<0.05	8.64	21	16.7
E841567		<0.005	0.04	2.05	5	<0.05	9.23	22	19.1
E841568		<0.005	0.04	2.79	6	<0.05	11.05	25	15.3
E841569		0.005	0.06	5.27	10	0.09	10.10	42	18.9
E841570		0.005	0.05	6.88	16	0.06	10.80	42	14.7
E841571		0.013	0.07	10.05	27	0.17	11.90	53	13.4
E841572		0.018	0.06	10.95	36	0.20	11.25	51	10.5
E841573		0.024	0.10	18.85	25	0.40	16.40	31	3.3
E841574		0.012	0.20	8.79	29	0.19	16.00	15	1.9
E841575		0.012	0.11	9.75	28	0.18	26.40	41	3.5
E841576		<0.005	0.06	3.19	14	0.07	19.50	48	8.7
E841577		<0.005	0.07	1.93	9	<0.05	19.20	88	17.8
E841578		0.007	0.12	3.04	15	0.08	19.85	42	6.1
E841579		0.013	0.15	5.16	19	0.11	23.00	43	2.7
E841580		<0.005	<0.02	0.09	<1	<0.05	0.63	3	0.7
E841581		0.007	0.06	1.11	10	0.05	3.34	28	1.0
E841582		0.012	0.06	2.27	14	0.07	4.94	34	1.2
E841583		0.011	0.10	5.04	27	0.15	20.00	39	1.5
E841584		0.010	0.10	5.21	26	0.18	19.25	35	1.3
E841585		0.039	0.17	0.97	50	0.19	3.89	76	0.7
E841586		0.023	0.10	1.35	28	0.12	3.77	42	<0.5
E841587		0.037	0.14	0.92	50	0.23	6.08	65	<0.5
E841588		0.035	0.14	3.18	46	0.20	20.30	99	0.9
E841589		0.015	0.12	1.80	17	0.11	26.40	85	3.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841590		0.60	<0.005	0.20	0.64	35.5	<0.2	<10	50	1.21	1.68	0.31	0.23	20.70	30.4	8
E841591		0.24	0.016	0.26	1.28	154.0	<0.2	<10	140	1.51	3.64	0.49	0.34	22.80	80.0	11
E841592		0.40	0.007	0.28	0.90	48.1	<0.2	<10	130	1.98	1.58	0.31	0.35	17.55	35.6	10
E841593		0.52	<0.005	0.48	0.26	33.2	<0.2	<10	70	0.59	2.94	0.64	0.27	31.90	30.5	3
E841594		0.52	<0.005	0.34	0.25	27.5	<0.2	<10	50	0.60	2.26	0.18	0.19	45.80	22.8	3
E841595		0.46	<0.005	0.38	0.17	36.5	<0.2	<10	50	0.53	2.58	3.25	0.30	35.20	19.1	3
E841596		0.14	0.007	0.10	1.30	27.0	<0.2	<10	90	0.85	1.36	0.14	0.19	23.40	13.1	18
E841597		0.26	<0.005	0.22	1.48	45.2	<0.2	<10	110	1.02	2.47	0.17	0.33	40.70	30.9	18
E841598		0.20	0.005	0.39	1.90	67.2	<0.2	<10	190	1.56	4.69	0.36	0.66	34.00	59.2	21
E841599		0.22	<0.005	0.10	1.45	33.7	<0.2	<10	60	0.73	3.40	0.02	0.11	46.40	27.4	19
E841600		0.28	<0.005	0.09	1.41	31.1	<0.2	<10	50	0.47	1.99	0.05	0.13	36.30	15.2	22
E841666		0.16	<0.005	0.15	0.34	7.7	<0.2	<10	50	0.09	0.58	0.11	0.18	7.68	4.3	8
E841667		0.40	0.005	0.13	1.46	58.8	<0.2	<10	70	1.31	3.71	0.05	0.12	22.00	59.4	17
E841668		0.26	<0.005	0.06	1.25	62.7	<0.2	<10	100	0.89	3.95	0.19	0.28	15.15	48.6	15
E841669		0.32	0.010	0.08	1.37	48.2	<0.2	<10	80	1.15	2.84	0.03	0.20	34.50	40.5	15
E841670		0.28	0.017	0.98	1.33	53.6	<0.2	<10	230	1.57	2.79	0.15	0.20	25.20	41.7	14
E841671		0.22	0.018	0.21	1.21	54.4	<0.2	<10	200	1.47	2.74	0.38	0.21	22.10	42.6	12
E841672		0.46	<0.005	0.05	0.92	24.9	<0.2	<10	40	0.32	3.81	0.02	0.08	29.90	37.3	15
E841673		0.28	<0.005	0.10	0.75	24.6	<0.2	<10	100	0.27	1.96	0.16	0.15	23.80	15.0	12
E841674		0.24	0.012	0.21	1.14	51.4	<0.2	<10	190	1.14	3.02	0.31	0.23	27.50	44.4	14
E841675		0.22	0.018	0.11	1.35	57.0	<0.2	<10	200	1.56	2.85	0.03	0.10	28.00	37.8	13
E841676		0.24	0.015	0.12	1.25	57.4	<0.2	<10	150	1.51	2.75	0.02	0.11	24.80	31.7	12
E841677		0.16	<0.005	0.07	0.82	43.2	<0.2	<10	50	0.52	2.37	0.04	0.09	16.35	19.9	12
E841678		0.12	NSS	0.11	0.83	50.7	<0.2	<10	50	0.89	2.76	0.16	0.13	20.50	43.3	10
E841679		0.48	0.008	0.15	1.04	81.2	<0.2	<10	60	1.13	4.85	0.07	0.09	16.50	65.6	11
E841680		0.38	0.005	0.11	0.59	47.3	<0.2	<10	50	1.08	2.67	0.58	0.06	16.15	40.6	6
E841681		0.40	0.007	0.10	0.39	43.7	<0.2	<10	30	0.94	1.70	0.62	0.06	25.70	31.2	4
E841682		0.08	<0.005	0.06	0.41	4.0	<0.2	10	320	1.56	0.17	3.16	0.54	6.89	9.1	4
E841683		0.20	0.010	0.07	1.84	5.3	<0.2	<10	100	0.71	0.72	1.04	0.21	19.05	43.6	16
E841684		0.22	0.031	0.14	1.27	43.9	<0.2	<10	240	1.11	2.68	0.14	0.11	28.20	41.0	13
E841685		0.20	<0.005	0.08	0.82	10.4	<0.2	<10	80	0.26	0.60	0.24	0.23	12.35	10.5	12
E841686		0.24	0.007	0.06	0.92	7.3	<0.2	<10	90	0.41	0.50	0.41	0.28	32.80	15.4	12
E841687		0.24	<0.005	0.05	0.70	5.8	<0.2	<10	150	0.48	0.28	0.43	0.17	15.55	15.2	9
E841688		0.36	0.052	0.15	0.90	23.0	<0.2	<10	300	0.78	1.32	0.64	0.14	30.10	40.4	17
E841689		0.10	<0.005	0.04	0.22	2.5	<0.2	<10	60	0.11	0.18	2.34	0.17	4.05	4.7	3
E841690		0.16	0.005	0.06	0.71	5.7	<0.2	<10	260	0.51	0.36	1.26	0.38	19.25	18.0	10
E841691		0.24	<0.005	0.09	1.06	17.4	<0.2	<10	350	0.85	1.00	1.15	0.26	15.05	21.1	14
E842151		0.36	<0.005	0.06	0.77	18.0	<0.2	<10	50	0.31	0.67	0.01	0.05	31.90	9.4	10
E842152		0.30	<0.005	0.06	1.68	18.1	<0.2	<10	50	0.28	1.19	0.06	0.09	32.60	7.7	26
E842153		0.30	<0.005	0.08	1.82	23.3	<0.2	<10	70	0.88	1.28	0.08	0.19	35.70	21.7	28

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 18-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841590		1.12	131.0	5.50	1.94	0.08	0.09	0.05	0.100	0.05	9.3	7.0	0.37	3380	2.13	<0.01
E841591		1.84	294.0	15.70	3.72	0.17	0.23	0.09	0.318	0.08	9.3	7.1	0.48	12500	2.72	0.02
E841592		3.88	209.0	9.85	2.57	0.10	0.14	0.10	0.188	0.07	8.5	5.5	0.26	7240	2.16	0.01
E841593		0.65	98.9	4.39	0.76	0.06	0.15	0.05	0.056	0.05	15.6	1.9	0.33	2790	2.44	0.01
E841594		0.71	95.7	4.43	0.86	0.07	0.14	0.03	0.056	0.04	22.5	1.8	0.13	3580	1.57	0.01
E841595		0.58	97.1	3.84	0.54	0.06	0.21	0.03	0.062	0.04	17.4	1.2	1.56	3760	2.07	0.01
E841596		2.39	78.3	6.66	3.90	0.07	0.04	0.04	0.106	0.05	13.0	7.0	0.21	2770	1.95	0.01
E841597		1.54	185.5	7.70	4.09	0.11	0.09	0.07	0.204	0.06	20.4	12.9	0.43	7300	1.97	0.01
E841598		2.68	641.0	14.05	5.19	0.16	0.14	0.13	0.339	0.07	16.4	12.6	0.54	13850	3.11	0.02
E841599		2.07	118.5	4.45	4.28	0.07	0.03	0.04	0.075	0.09	23.8	13.2	0.41	1380	2.42	<0.01
E841600		1.78	83.2	3.91	4.72	0.06	0.02	0.04	0.058	0.06	17.9	11.8	0.40	799	1.94	0.01
E841666		0.90	22.9	1.06	2.51	<0.05	<0.02	0.10	0.021	0.05	4.1	1.1	0.06	155	1.80	0.02
E841667		2.50	194.5	7.30	3.90	0.10	0.07	0.04	0.166	0.06	11.4	22.2	0.73	2050	3.07	0.01
E841668		3.23	154.5	7.41	3.76	0.07	0.05	0.03	0.157	0.07	7.8	11.9	0.42	1860	3.52	0.01
E841669		2.00	200.0	6.55	3.10	0.07	0.05	0.04	0.101	0.07	16.6	15.4	0.45	2220	6.73	0.01
E841670		2.74	288.0	7.54	3.39	0.08	0.09	0.06	0.137	0.12	13.7	9.7	0.36	3400	15.50	0.01
E841671		2.74	264.0	6.83	3.11	0.07	0.11	0.07	0.132	0.14	11.5	9.7	0.43	3280	10.55	0.01
E841672		1.41	84.2	4.87	4.43	0.06	0.03	0.05	0.056	0.04	15.4	6.0	0.18	2370	17.70	0.01
E841673		1.28	60.0	3.69	4.14	<0.05	<0.02	0.04	0.051	0.07	12.5	3.7	0.15	1160	2.38	0.01
E841674		2.41	273.0	7.82	3.17	0.09	0.10	0.05	0.138	0.10	13.9	10.7	0.51	3820	8.53	0.01
E841675		2.83	249.0	7.49	3.38	0.08	0.08	0.04	0.135	0.10	15.4	9.3	0.26	3050	10.55	0.01
E841676		2.71	204.0	7.10	3.15	0.07	0.05	0.03	0.137	0.10	13.4	9.0	0.25	2230	10.15	0.01
E841677		2.13	102.0	5.18	3.41	0.06	0.02	0.07	0.102	0.07	8.4	3.5	0.14	995	4.87	0.01
E841678		1.17	173.0	7.88	2.19	0.12	0.04	0.06	0.178	0.04	10.1	13.5	0.89	2090	3.50	0.01
E841679		1.25	249.0	8.07	2.55	0.12	0.22	0.02	0.155	0.04	8.9	17.2	0.63	2190	4.82	0.01
E841680		1.37	127.0	4.41	1.40	0.06	0.27	0.01	0.082	0.05	7.8	8.3	0.57	1555	3.63	0.01
E841681		0.77	112.0	3.30	0.97	0.05	0.30	0.01	0.059	0.04	12.4	5.1	0.45	1315	2.93	0.01
E841682		0.25	36.0	0.62	0.84	<0.05	0.04	0.18	0.013	0.04	3.3	1.4	0.31	7000	0.68	0.04
E841683		3.08	71.1	9.16	8.58	0.10	0.05	0.06	0.083	0.10	9.0	14.4	0.91	7500	112.00	0.01
E841684		2.41	286.0	7.94	3.48	0.08	0.05	0.04	0.119	0.10	16.1	9.0	0.29	3870	18.60	0.01
E841685		0.98	28.3	3.94	3.46	0.05	<0.02	0.09	0.078	0.05	6.0	4.2	0.19	2460	2.40	0.02
E841686		0.78	89.4	6.52	3.76	0.07	0.06	0.06	0.094	0.08	14.3	7.4	0.25	7280	4.17	0.02
E841687		1.94	9.7	5.81	3.01	0.06	0.05	0.05	0.090	0.09	6.1	5.6	0.18	4410	0.86	0.01
E841688		2.70	176.5	8.59	3.00	0.11	0.08	0.04	0.116	0.12	16.3	7.8	0.51	5490	14.80	0.01
E841689		0.43	17.5	1.43	0.77	<0.05	0.03	0.19	0.027	0.05	1.7	1.1	0.17	1775	1.11	0.03
E841690		1.13	18.4	5.57	3.22	0.06	0.05	0.15	0.071	0.07	8.5	7.7	0.41	5380	1.75	0.02
E841691		1.83	94.3	5.02	3.56	0.05	0.08	0.08	0.099	0.08	6.9	8.4	0.37	4250	6.21	0.02
E842151		0.85	51.4	3.92	2.51	0.05	0.03	0.03	0.057	0.07	15.7	5.0	0.15	1120	1.02	<0.01
E842152		2.09	29.1	2.85	7.01	0.06	<0.02	0.09	0.040	0.05	16.4	11.8	0.32	168	2.12	<0.01
E842153		2.70	59.1	3.27	6.24	0.07	<0.02	0.08	0.048	0.05	16.5	21.4	0.44	476	2.51	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841590		0.14	51.2	490	44.9	4.7	<0.001	0.04	1.18	4.2	1.2	<0.2	6.1	0.01	0.07	17.9
E841591		0.19	149.0	1370	24.0	7.6	<0.001	0.07	2.29	7.4	3.0	0.2	16.2	0.01	0.25	11.5
E841592		0.28	55.3	990	38.6	9.2	<0.001	0.05	2.33	7.1	1.9	0.2	7.1	0.02	0.07	15.3
E841593		0.05	36.6	340	32.3	3.8	<0.001	0.07	3.95	2.9	0.6	<0.2	5.2	0.01	0.05	11.3
E841594		0.06	33.0	310	35.2	3.9	<0.001	0.02	2.64	3.1	0.6	<0.2	4.1	0.01	0.04	11.2
E841595		0.05	27.1	280	64.5	3.2	<0.001	0.03	2.60	3.0	0.4	<0.2	13.0	0.01	0.04	8.8
E841596		0.48	23.0	930	29.9	11.8	<0.001	0.06	1.71	3.2	0.9	0.4	6.5	0.01	0.07	1.5
E841597		0.45	50.5	710	22.0	10.8	<0.001	0.03	1.70	5.8	1.5	0.3	10.7	0.01	0.08	5.2
E841598		0.59	69.3	1230	41.2	13.4	<0.001	0.07	2.62	9.1	3.1	0.3	16.3	0.02	0.14	4.9
E841599		0.48	47.9	560	25.2	13.0	<0.001	0.03	1.51	2.0	1.0	0.3	3.4	<0.01	0.08	3.9
E841600		0.66	31.8	630	22.4	9.7	<0.001	0.04	2.36	1.9	0.9	0.4	6.4	<0.01	0.06	1.5
E841666		0.40	9.4	1040	7.1	3.9	<0.001	0.13	0.80	0.7	0.7	0.4	6.5	<0.01	0.04	<0.2
E841667		0.25	100.5	340	16.0	7.9	<0.001	0.02	1.75	5.1	1.5	0.2	4.3	0.01	0.15	20.9
E841668		0.41	73.1	560	21.9	12.5	<0.001	0.03	1.81	3.5	1.0	0.3	6.2	0.01	0.16	14.6
E841669		0.26	65.4	420	21.1	12.6	<0.001	0.02	1.89	4.3	1.0	0.3	3.7	<0.01	0.17	17.6
E841670		0.14	66.8	580	37.0	19.6	<0.001	0.04	2.04	5.3	2.0	0.3	7.1	<0.01	0.23	15.4
E841671		0.17	62.7	460	36.0	17.5	<0.001	0.04	1.96	5.3	1.5	0.3	7.7	<0.01	0.25	16.2
E841672		0.48	18.9	620	19.1	10.0	<0.001	0.03	1.42	1.9	0.9	0.3	2.6	<0.01	0.16	6.2
E841673		0.28	17.1	780	13.6	11.2	<0.001	0.06	1.26	0.7	0.6	0.4	8.6	<0.01	0.09	0.3
E841674		0.25	58.5	550	30.9	14.7	<0.001	0.04	2.23	6.0	1.5	0.3	7.8	<0.01	0.19	14.7
E841675		0.15	52.5	390	29.7	19.0	<0.001	0.02	1.83	6.7	1.3	0.3	4.1	<0.01	0.18	23.8
E841676		0.15	53.3	400	24.4	16.8	<0.001	0.03	1.88	5.5	1.1	0.3	3.5	<0.01	0.17	20.4
E841677		0.36	34.8	670	20.7	10.2	<0.001	0.09	2.02	2.3	0.9	0.3	4.3	<0.01	0.12	4.6
E841678		0.12	95.0	400	14.4	4.1	<0.001	0.09	1.76	3.9	1.3	0.2	4.5	<0.01	0.14	16.9
E841679		0.06	140.0	370	17.6	3.9	<0.001	0.04	2.73	4.4	1.7	<0.2	3.3	<0.01	0.21	27.2
E841680		<0.05	70.2	330	15.1	4.2	<0.001	0.04	1.64	3.2	0.8	<0.2	6.2	<0.01	0.09	25.7
E841681		<0.05	47.3	360	13.9	3.0	<0.001	0.03	1.93	2.8	0.7	<0.2	5.0	<0.01	0.05	19.3
E841682		0.13	33.3	1460	5.4	1.3	<0.001	0.25	0.36	0.7	1.2	<0.2	36.2	<0.01	0.02	0.4
E841683		0.14	58.7	850	4.5	20.5	0.001	0.12	0.68	15.3	3.6	<0.2	12.7	0.01	0.38	0.4
E841684		0.12	46.4	540	35.6	19.2	<0.001	0.03	2.27	6.3	1.4	0.4	6.8	<0.01	0.37	15.9
E841685		0.44	14.5	720	14.2	10.2	<0.001	0.15	0.87	3.9	1.0	0.4	11.6	<0.01	0.11	0.9
E841686		0.27	18.5	1220	10.7	15.4	<0.001	0.12	0.66	9.5	1.3	0.4	7.6	0.01	0.16	4.6
E841687		0.23	14.1	950	6.1	19.0	<0.001	0.11	1.00	5.7	0.8	0.4	6.2	0.01	0.05	4.9
E841688		0.13	43.8	980	24.9	16.2	<0.001	0.04	1.41	8.7	1.2	0.5	9.5	<0.01	0.29	21.1
E841689		0.12	6.3	1010	4.6	4.2	<0.001	0.22	0.29	1.9	0.8	<0.2	16.3	<0.01	0.04	1.6
E841690		0.22	20.3	1150	9.5	16.5	<0.001	0.16	0.79	7.1	1.1	0.3	12.6	<0.01	0.07	3.8
E841691		0.30	27.3	1380	17.9	17.9	<0.001	0.15	1.16	4.0	1.1	0.4	16.6	<0.01	0.16	3.2
E842151		0.26	16.8	420	15.6	9.8	<0.001	0.03	1.63	1.6	0.4	0.2	1.8	<0.01	0.04	3.8
E842152		1.18	18.0	480	18.6	10.4	<0.001	0.03	1.24	2.1	1.0	0.8	8.9	<0.01	0.05	1.5
E842153		1.04	45.4	580	18.7	11.4	<0.001	0.03	1.53	2.4	1.8	0.6	11.0	0.01	0.09	2.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841590		0.007	0.08	1.81	11	0.06	16.55	61	3.7
E841591		0.010	0.20	3.86	17	0.10	47.40	82	5.8
E841592		0.012	0.16	3.07	17	0.10	36.30	80	3.3
E841593		<0.005	0.18	1.19	6	<0.05	11.95	107	7.1
E841594		<0.005	0.15	0.94	6	<0.05	14.00	74	7.5
E841595		<0.005	0.11	1.10	4	<0.05	13.70	140	11.9
E841596		0.023	0.12	3.62	33	0.14	13.85	119	0.6
E841597		0.019	0.17	2.68	26	0.13	29.20	87	2.0
E841598		0.031	0.27	3.69	35	0.18	52.90	162	3.4
E841599		0.016	0.17	1.14	23	0.11	4.24	75	0.6
E841600		0.031	0.31	1.09	36	0.20	4.41	77	<0.5
E841666		0.015	0.09	0.80	25	0.10	1.25	25	<0.5
E841667		0.011	0.10	2.51	19	0.06	9.38	40	2.8
E841668		0.013	0.11	1.43	22	0.07	6.11	73	1.8
E841669		0.009	0.08	4.82	19	0.08	6.88	52	2.1
E841670		<0.005	0.10	16.80	21	0.07	14.40	98	2.9
E841671		<0.005	0.10	13.10	19	0.07	14.50	78	3.5
E841672		0.014	0.11	1.62	24	0.10	2.91	35	0.7
E841673		0.015	0.09	1.02	30	0.11	2.78	51	<0.5
E841674		0.009	0.10	8.76	20	0.09	15.55	73	3.3
E841675		<0.005	0.11	12.25	21	0.08	16.00	69	3.7
E841676		<0.005	0.10	7.43	19	0.06	11.75	64	2.2
E841677		0.015	0.11	1.67	24	0.08	4.87	49	0.7
E841678		0.006	0.06	1.66	10	<0.05	7.70	32	2.4
E841679		0.005	0.07	2.10	10	<0.05	8.86	29	13.7
E841680		<0.005	0.05	1.88	6	<0.05	9.50	24	16.4
E841681		<0.005	0.04	1.63	4	<0.05	8.69	20	16.7
E841682		0.008	0.06	0.24	5	0.05	10.20	57	1.2
E841683		0.008	0.15	1.38	124	0.06	12.85	76	0.9
E841684		0.006	0.10	10.75	30	0.11	13.05	84	1.5
E841685		0.026	0.12	1.11	30	0.10	6.71	53	<0.5
E841686		0.015	0.10	3.60	26	0.12	17.30	50	1.2
E841687		0.016	0.11	2.60	18	0.22	10.45	29	0.9
E841688		0.018	0.08	9.45	33	0.22	15.55	65	3.6
E841689		0.008	0.05	0.67	6	<0.05	3.50	47	1.1
E841690		0.014	0.14	6.50	20	0.13	11.35	58	1.0
E841691		0.014	0.13	5.10	28	0.10	11.25	68	2.0
E842151		0.007	0.08	1.05	13	0.06	2.79	35	0.7
E842152		0.043	0.17	1.33	51	0.26	3.65	52	<0.5
E842153		0.046	0.17	1.71	49	0.29	6.22	76	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 18-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E842154		0.48	0.033	0.53	1.64	100.5	<0.2	<10	120	1.22	9.60	0.03	0.30	36.20	78.1	19

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842154		3.53	592.0	11.00	5.09	0.14	0.04	0.13	0.382	0.05	18.2	10.4	0.35	10950	3.08	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
E842154		0.67	120.5	980	57.4	10.8	<0.001	0.06	4.48	5.0	3.1	0.4	5.8	0.02	0.26	5.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07076094

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842154		0.034	0.15	2.29	33	0.15	17.20	66	1.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 8-AUG-2007
Account: EIAFRG

CERTIFICATE VA07080579

Project: Werneckes

P.O. No.: FRG07-01

This report is for 119 Soil samples submitted to our lab in Vancouver, BC, Canada on 18-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841692		0.44	0.013	0.41	1.73	73.3	<0.2	<10	60	1.65	5.36	0.06	0.40	33.40	97.0	19
E841693		0.38	0.015	0.48	1.42	88.5	<0.2	<10	70	1.59	7.11	0.07	0.34	18.65	146.0	17
E841694		0.46	0.009	0.38	1.57	62.4	<0.2	<10	100	1.82	5.86	0.05	0.28	29.20	91.2	17
E841695		0.44	0.008	0.30	1.36	52.9	<0.2	<10	60	1.23	5.37	0.05	0.21	31.50	73.4	16
E841696		0.52	0.006	0.20	1.48	28.8	<0.2	<10	60	0.87	2.62	0.06	0.17	32.50	40.2	18
E841697		0.48	0.006	0.30	1.41	50.0	<0.2	<10	50	1.00	3.51	0.10	0.18	21.50	58.8	17
E841698		0.44	0.006	0.34	1.56	55.2	<0.2	<10	50	1.04	4.32	0.10	0.21	19.15	78.7	19
E841699		0.54	0.008	0.35	2.09	52.8	<0.2	<10	90	1.27	5.38	0.17	0.19	26.80	79.5	23
E841700		0.46	0.017	0.55	2.19	96.3	<0.2	<10	120	2.23	8.40	0.16	0.67	30.20	172.5	24
E842001		0.44	0.024	0.69	2.05	154.5	<0.2	<10	100	2.03	11.80	0.18	0.53	21.20	244.0	22
E842002		0.54	0.019	0.54	2.00	81.7	<0.2	<10	90	1.78	10.00	0.04	0.41	36.50	137.0	23
E842003		0.50	0.017	0.36	1.97	49.1	<0.2	<10	60	1.68	5.82	0.09	0.27	40.60	94.7	23
E842004		0.46	0.020	0.90	1.68	57.3	<0.2	<10	130	1.86	5.63	0.09	0.46	34.30	74.8	24
E842005		0.38	0.014	0.64	1.60	78.8	<0.2	<10	260	2.05	5.24	0.08	0.56	29.70	121.5	15
E842006		0.38	<0.005	0.76	1.29	120.5	<0.2	<10	150	1.29	4.61	0.09	0.35	22.10	136.5	13
E842007		0.46	0.005	1.20	1.02	85.8	<0.2	<10	220	1.96	5.50	0.10	0.59	26.60	84.6	9
E842008		0.30	0.005	0.32	1.84	47.9	<0.2	<10	50	1.16	2.76	0.08	0.25	26.40	63.5	25
E842009		0.48	0.010	0.57	2.10	85.8	<0.2	<10	120	2.60	8.56	0.10	0.74	38.40	133.5	23
E842010		0.26	NSS	1.02	2.06	66.6	<0.2	<10	390	1.80	11.40	0.72	0.59	22.60	85.7	22
E842011		0.46	0.017	1.55	2.53	110.5	<0.2	<10	90	2.46	27.40	0.12	0.74	23.80	143.5	23
E842012		0.42	0.016	1.37	2.16	76.7	<0.2	<10	70	2.33	29.10	0.16	0.54	27.10	97.5	25
E842013		0.36	0.015	2.29	1.88	75.0	<0.2	<10	100	2.39	24.40	0.17	1.47	28.50	102.5	23
E842155		0.22	<0.005	0.06	1.44	24.7	<0.2	<10	80	0.65	1.93	0.01	0.06	32.70	19.0	17
E842156		0.36	<0.005	0.09	1.23	22.5	<0.2	<10	60	0.61	1.16	0.02	0.07	32.70	15.8	14
E842157		0.38	<0.005	0.06	0.77	20.7	<0.2	<10	40	0.45	0.71	0.01	0.08	33.90	13.4	8
E842158		0.38	0.005	0.16	1.59	48.6	<0.2	<10	120	1.67	3.62	0.10	0.40	50.50	43.4	19
E842159		0.94	0.011	0.59	1.25	122.5	<0.2	<10	150	1.41	8.67	0.46	0.30	37.80	66.6	14
E842160		0.64	0.017	0.46	1.05	115.0	<0.2	<10	90	1.84	6.82	0.14	0.32	41.20	67.5	12
E842161		0.54	0.006	0.34	1.09	59.6	<0.2	<10	70	2.14	8.57	0.07	0.38	40.20	57.2	12
E842162		0.36	<0.005	0.09	0.76	24.7	<0.2	<10	60	0.59	0.71	0.03	0.13	35.10	16.7	9
E842163		0.30	<0.005	0.06	1.07	21.3	<0.2	<10	50	0.36	0.58	0.05	0.09	25.00	15.0	15
E842164		0.38	<0.005	0.07	1.07	63.5	<0.2	<10	50	0.93	3.58	0.05	0.25	22.20	20.8	18
E842165		0.24	0.005	0.13	1.82	59.5	<0.2	<10	60	0.66	4.31	0.05	0.13	28.80	31.5	28
E842166		0.24	0.006	0.16	1.76	80.6	<0.2	<10	100	0.78	6.21	0.05	0.17	35.80	65.5	26
E842167		0.24	<0.005	0.07	2.19	23.0	<0.2	<10	90	0.93	0.88	0.07	0.17	33.10	22.4	34
E842168		0.22	<0.005	0.07	1.85	19.6	<0.2	<10	60	0.31	0.92	0.06	0.10	26.70	12.3	29
E842169		0.26	<0.005	0.11	1.95	15.4	<0.2	<10	80	0.56	0.91	0.09	0.07	30.70	8.4	29
E842170		0.24	<0.005	0.11	1.74	31.2	<0.2	<10	60	0.48	2.31	0.09	0.12	26.30	20.5	29
E842171		0.30	<0.005	0.12	1.45	15.7	<0.2	<10	70	0.44	0.57	0.06	0.12	31.60	11.5	22
E842172		0.22	<0.005	0.04	1.52	12.7	<0.2	<10	70	0.43	0.42	0.07	0.13	29.10	12.4	22

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07080579

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841692	1.56	330.0	7.28	4.04	0.17	0.24	0.04	0.135	0.04	16.0	40.0	0.93	1890	8.91	<0.01
E841693	1.18	486.0	7.63	3.30	0.19	0.38	0.04	0.122	0.04	9.0	27.8	0.81	2120	9.71	<0.01
E841694	1.85	334.0	7.37	3.28	0.13	0.25	0.04	0.134	0.05	14.0	29.4	0.72	1755	8.42	<0.01
E841695	1.57	257.0	5.81	3.17	0.12	0.28	0.02	0.095	0.06	15.6	24.8	0.71	1300	5.83	<0.01
E841696	1.13	142.5	4.54	3.56	0.12	0.21	0.02	0.081	0.09	15.9	25.4	0.82	1105	2.74	<0.01
E841697	1.40	203.0	5.86	3.49	0.12	0.32	0.02	0.113	0.09	10.5	22.8	0.85	1510	4.24	<0.01
E841698	0.97	232.0	6.12	3.87	0.14	0.35	0.02	0.082	0.06	9.5	26.0	0.94	1265	5.84	<0.01
E841699	1.43	275.0	6.26	4.76	0.13	0.43	0.03	0.096	0.09	13.3	32.9	1.16	1450	6.06	<0.01
E841700	3.19	611.0	9.70	4.69	0.16	0.30	0.06	0.237	0.09	14.7	32.2	1.10	3240	12.10	0.02
E842001	2.38	737.0	10.60	4.41	0.19	0.57	0.06	0.202	0.06	10.4	34.0	1.14	2750	14.75	0.02
E842002	1.92	465.0	8.69	4.42	0.17	0.19	0.05	0.157	0.05	18.2	31.3	1.00	2500	10.05	0.01
E842003	3.32	512.0	7.19	4.68	0.14	0.09	0.09	0.188	0.07	18.8	25.4	0.78	2120	6.60	0.01
E842004	4.21	376.0	8.26	4.92	0.20	0.05	0.10	0.206	0.08	18.1	20.0	0.63	2820	5.45	0.02
E842005	3.30	412.0	10.85	4.33	0.23	0.08	0.04	0.196	0.05	14.8	20.3	0.59	6560	5.11	0.01
E842006	2.77	407.0	13.05	3.66	0.25	0.09	0.09	0.181	0.05	10.8	14.5	0.55	5200	3.75	0.02
E842007	4.24	459.0	12.70	3.18	0.22	0.11	0.07	0.256	0.06	12.9	10.6	0.42	6700	3.13	0.02
E842008	2.76	216.0	7.31	5.59	0.16	0.06	0.08	0.155	0.05	12.7	16.5	0.57	2460	3.62	0.02
E842009	2.59	499.0	8.71	5.04	0.21	0.14	0.05	0.190	0.07	19.9	28.6	0.88	3220	9.86	0.03
E842010	1.64	436.0	7.26	4.96	0.19	0.14	0.04	0.207	0.07	11.4	30.9	1.23	3050	6.91	0.03
E842011	2.33	573.0	10.25	6.05	0.27	0.26	0.05	0.235	0.05	12.1	40.6	1.26	3060	12.35	0.04
E842012	3.31	457.0	7.96	5.27	0.19	0.11	0.07	0.215	0.08	13.9	28.0	0.95	1790	8.65	0.03
E842013	3.71	480.0	8.97	4.96	0.20	0.08	0.10	0.255	0.08	14.5	22.5	0.77	2320	6.87	0.03
E842155	1.59	91.2	4.92	3.40	0.09	0.02	0.01	0.081	0.13	17.4	8.3	0.32	1600	2.22	0.01
E842156	1.22	71.8	3.94	3.34	0.09	0.03	0.01	0.047	0.11	17.5	9.3	0.27	824	2.19	0.01
E842157	0.80	46.6	3.73	2.34	0.09	0.02	0.02	0.052	0.06	17.6	5.1	0.16	1100	0.81	0.01
E842158	3.92	245.0	6.96	4.75	0.16	0.06	0.03	0.180	0.08	26.2	17.3	0.51	4100	3.09	0.01
E842159	2.35	541.0	11.20	3.65	0.23	0.20	0.12	0.289	0.06	18.7	14.8	0.90	9440	4.17	0.02
E842160	3.62	512.0	11.40	3.02	0.23	0.21	0.03	0.270	0.07	21.8	11.0	0.52	6880	4.58	0.01
E842161	4.64	282.0	7.43	2.99	0.17	0.09	0.07	0.197	0.07	21.5	14.0	0.46	3800	4.66	0.01
E842162	0.91	57.3	4.38	2.54	0.11	0.02	0.01	0.064	0.07	17.7	5.5	0.17	1730	0.86	0.01
E842163	1.29	34.4	4.25	4.24	0.09	<0.02	0.01	0.065	0.06	12.8	9.0	0.24	1460	1.18	0.01
E842164	2.91	170.0	4.20	3.55	0.09	0.03	0.01	0.084	0.06	11.7	12.5	0.29	1010	1.69	0.01
E842165	2.74	137.0	5.62	7.77	0.12	<0.02	0.06	0.099	0.06	15.0	15.4	0.36	1470	2.78	0.01
E842166	2.69	357.0	6.49	6.00	0.13	0.02	0.05	0.141	0.06	17.7	14.5	0.41	4130	3.44	0.01
E842167	3.21	103.5	4.38	8.31	0.09	0.02	0.06	0.057	0.09	16.9	20.0	0.51	1100	2.48	0.01
E842168	2.31	47.8	4.26	8.28	0.09	<0.02	0.05	0.051	0.06	13.9	15.0	0.35	749	2.38	0.02
E842169	2.07	51.3	3.51	6.95	0.08	0.02	0.03	0.046	0.07	16.5	17.1	0.47	189	1.50	0.01
E842170	2.33	87.3	4.79	7.80	0.09	0.02	0.05	0.078	0.06	13.8	12.2	0.42	1830	2.88	0.02
E842171	1.55	30.5	3.38	5.85	0.09	<0.02	0.02	0.034	0.05	16.9	13.9	0.37	481	1.62	0.01
E842172	1.25	30.0	3.14	4.50	0.08	0.03	0.02	0.032	0.05	14.9	15.5	0.42	538	1.30	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 8-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841692		0.09	159.0	470	40.9	4.0	<0.001	0.13	3.06	4.0	2.9	<0.2	5.1	<0.01	0.28	30.5
E841693		0.06	188.5	350	38.5	3.8	<0.001	0.46	3.93	4.2	3.5	<0.2	4.0	<0.01	0.43	33.0
E841694		0.07	147.5	440	37.9	4.8	<0.001	0.18	3.10	3.6	2.5	<0.2	4.1	<0.01	0.24	40.6
E841695		0.05	113.5	330	26.2	5.7	<0.001	0.21	2.26	2.9	2.1	<0.2	2.5	<0.01	0.19	25.8
E841696		<0.05	63.9	240	20.6	7.0	<0.001	0.12	1.56	2.9	1.0	<0.2	3.1	<0.01	0.10	19.3
E841697		<0.05	85.4	230	21.2	7.3	<0.001	0.24	2.31	4.0	1.6	<0.2	4.4	<0.01	0.17	23.0
E841698		0.05	97.3	270	31.6	4.9	<0.001	0.29	2.75	4.1	2.1	<0.2	5.2	<0.01	0.22	24.7
E841699		<0.05	94.2	250	26.4	7.4	<0.001	0.25	2.92	4.5	2.0	0.2	6.6	<0.01	0.23	32.1
E841700		0.11	195.0	490	64.5	7.8	<0.001	0.42	3.77	7.3	4.6	0.2	9.8	<0.01	0.41	42.7
E842001		0.06	251.0	380	69.8	5.6	<0.001	0.79	4.18	6.4	6.2	<0.2	8.0	<0.01	0.63	44.5
E842002		0.07	191.5	500	52.2	5.2	<0.001	0.16	2.95	3.9	3.9	<0.2	3.0	<0.01	0.41	30.3
E842003		0.44	102.0	1070	48.9	7.1	<0.001	0.10	2.67	4.8	2.8	0.3	11.1	0.01	0.26	16.9
E842004		0.40	89.5	880	57.0	8.6	<0.001	0.05	3.05	6.0	3.0	0.3	11.1	0.01	0.44	14.3
E842005		0.25	140.0	720	69.9	6.7	<0.001	0.02	3.38	7.0	2.7	0.2	8.3	0.01	0.42	22.1
E842006		0.19	165.5	630	63.9	6.8	<0.001	0.03	3.09	8.5	2.4	0.2	8.8	0.01	0.51	18.5
E842007		0.15	136.0	520	100.5	8.3	<0.001	0.03	5.77	7.7	1.9	0.2	8.0	0.01	0.31	27.1
E842008		0.41	54.6	1460	53.0	7.6	<0.001	0.10	2.52	4.4	2.7	0.4	9.4	0.01	0.30	5.3
E842009		0.16	178.5	620	55.8	7.3	<0.001	0.09	3.71	5.3	3.8	0.2	7.0	0.01	0.31	38.3
E842010		0.09	118.5	460	69.6	5.3	<0.001	0.28	3.02	4.3	3.2	0.2	9.3	0.01	0.25	30.0
E842011		0.07	194.5	580	110.5	4.5	<0.001	0.24	4.14	6.3	5.3	<0.2	5.8	0.01	0.40	53.2
E842012		0.36	136.0	710	116.5	7.5	<0.001	0.13	3.80	5.8	3.8	0.3	12.5	0.01	0.29	38.6
E842013		0.43	165.0	820	197.0	7.9	<0.001	0.18	3.93	5.9	3.7	0.3	12.3	0.01	0.30	24.6
E842155		0.31	34.7	450	11.4	12.0	<0.001	0.02	1.45	2.0	0.8	0.3	2.0	<0.01	0.06	4.8
E842156		0.34	25.4	410	10.2	12.5	<0.001	0.02	1.56	1.8	0.7	0.3	2.6	<0.01	0.06	4.7
E842157		0.27	22.2	400	12.4	7.6	<0.001	<0.01	1.02	2.1	0.7	0.2	2.4	<0.01	0.06	5.2
E842158		0.46	65.6	420	47.0	14.3	<0.001	0.01	2.52	5.6	1.6	0.4	7.2	0.01	0.12	14.8
E842159		0.08	61.3	410	139.0	7.4	<0.001	0.08	11.35	7.5	2.5	0.2	9.6	0.02	0.33	16.2
E842160		0.06	111.5	370	69.0	8.3	<0.001	0.05	4.18	6.5	2.3	<0.2	4.3	0.01	0.21	23.5
E842161		0.10	93.5	440	27.1	9.1	<0.001	0.07	3.35	4.5	1.7	0.2	3.2	0.01	0.15	22.1
E842162		0.33	27.3	370	16.4	6.7	<0.001	<0.01	1.12	2.3	0.6	0.2	3.0	<0.01	0.08	6.7
E842163		0.48	18.5	500	14.7	9.5	<0.001	0.02	0.97	2.3	0.7	0.4	5.1	<0.01	0.06	1.5
E842164		0.46	37.6	520	17.4	10.2	<0.001	0.02	4.26	1.8	0.9	0.3	4.3	<0.01	0.08	3.0
E842165		0.79	31.5	850	20.6	12.3	<0.001	0.06	2.23	2.3	1.7	0.7	7.4	<0.01	0.17	1.1
E842166		0.67	71.1	720	16.7	11.7	<0.001	0.03	2.57	3.8	2.1	0.5	8.0	0.01	0.17	2.7
E842167		1.29	30.9	560	19.8	18.7	<0.001	0.04	1.73	3.0	1.7	0.9	10.1	0.01	0.10	1.8
E842168		1.14	21.2	540	15.2	13.0	<0.001	0.04	1.56	2.2	1.2	0.9	8.4	<0.01	0.10	1.1
E842169		1.06	18.4	530	23.1	13.1	<0.001	0.04	1.41	2.9	0.8	0.7	10.6	<0.01	0.04	1.8
E842170		0.96	23.5	950	19.2	13.2	<0.001	0.07	1.79	3.2	1.4	0.7	12.4	0.01	0.16	1.7
E842171		0.86	21.8	350	13.2	10.2	<0.001	0.02	1.27	2.1	0.7	0.6	7.8	<0.01	0.07	1.6
E842172		0.95	23.0	410	12.9	9.0	<0.001	0.01	1.12	2.5	0.8	0.4	8.2	0.01	0.05	3.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841692		0.008	0.08	5.05	13	0.06	12.10	97	16.2
E841693		<0.005	0.06	6.02	10	<0.05	12.05	76	21.5
E841694		0.005	0.09	4.99	10	<0.05	11.45	76	15.6
E841695		<0.005	0.08	4.30	9	<0.05	8.02	54	14.4
E841696		<0.005	0.06	2.32	9	<0.05	7.48	50	10.5
E841697		<0.005	0.06	2.58	10	<0.05	8.84	48	14.6
E841698		0.005	0.05	3.26	12	<0.05	9.05	51	17.1
E841699		<0.005	0.06	2.90	13	<0.05	11.40	49	20.1
E841700		0.012	0.17	5.87	19	0.06	20.20	121	19.8
E842001		<0.005	0.13	6.78	14	0.05	18.90	100	34.1
E842002		0.006	0.13	4.16	12	<0.05	10.70	90	13.5
E842003		0.031	0.22	5.81	28	0.12	14.20	111	2.8
E842004		0.025	0.23	6.58	28	0.16	14.90	150	2.0
E842005		0.015	0.35	6.22	18	0.10	18.90	133	4.4
E842006		0.011	0.21	5.36	18	0.09	18.40	117	3.9
E842007		0.007	0.26	6.05	14	0.08	21.40	153	7.4
E842008		0.026	0.21	3.90	34	0.12	13.90	125	1.6
E842009		0.012	0.19	5.83	18	0.10	16.80	121	13.5
E842010		0.007	0.10	6.19	13	0.06	16.10	110	12.7
E842011		0.006	0.13	8.82	15	0.08	21.10	152	30.3
E842012		0.024	0.16	7.14	25	0.11	17.45	153	9.1
E842013		0.026	0.19	4.87	24	0.12	18.20	489	4.8
E842155		0.012	0.09	1.41	20	0.09	4.14	47	0.5
E842156		0.009	0.10	1.40	15	0.09	3.30	42	0.8
E842157		0.010	0.06	0.99	12	0.06	3.88	41	<0.5
E842158		0.019	0.21	4.11	26	0.14	17.05	86	2.1
E842159		0.006	0.45	5.44	11	0.08	33.30	115	14.4
E842160		<0.005	0.24	5.10	9	0.06	24.20	84	16.0
E842161		0.005	0.17	2.99	10	0.05	13.25	61	7.6
E842162		0.012	0.07	1.19	14	0.08	4.74	52	0.7
E842163		0.024	0.10	1.01	29	0.13	4.57	58	<0.5
E842164		0.020	0.09	1.47	20	0.11	3.15	70	0.8
E842165		0.035	0.20	1.45	55	0.23	5.15	67	<0.5
E842166		0.039	0.18	1.87	44	0.19	7.87	66	<0.5
E842167		0.058	0.20	1.46	65	0.31	7.09	99	<0.5
E842168		0.047	0.21	1.06	66	0.29	3.63	67	<0.5
E842169		0.048	0.16	1.36	53	0.29	5.66	58	<0.5
E842170		0.063	0.20	1.45	63	0.21	5.92	71	0.6
E842171		0.040	0.14	0.97	46	0.22	4.00	56	<0.5
E842172		0.036	0.11	0.88	38	0.21	4.22	65	0.9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E842173		0.38	<0.005	0.12	1.50	33.0	<0.2	<10	100	1.13	1.85	0.05	0.32	39.70	38.2	20
E842174		0.26	<0.005	0.04	1.63	17.1	<0.2	<10	60	0.39	0.61	0.06	0.14	29.60	10.0	26
E842175		0.20	<0.005	0.05	1.47	16.1	<0.2	<10	70	0.59	0.67	0.04	0.14	40.00	17.1	19
E842176		0.24	<0.005	0.05	1.25	15.3	<0.2	<10	60	0.53	0.66	0.03	0.10	39.00	13.0	18
E842177		0.18	<0.005	0.09	1.76	17.9	<0.2	<10	70	0.54	0.70	0.04	0.14	35.30	13.1	23
E842178		0.36	<0.005	0.04	0.88	12.7	<0.2	<10	40	0.46	0.61	0.01	0.06	46.00	11.7	11
E842179		0.40	<0.005	0.04	0.97	13.2	<0.2	<10	70	0.52	0.66	0.04	0.06	39.50	12.2	11
E842180		0.22	<0.005	0.23	1.72	62.5	<0.2	<10	170	1.33	3.07	0.11	0.25	39.50	43.0	24
E842181		0.30	<0.005	0.13	1.24	32.6	<0.2	<10	160	0.90	1.82	0.05	0.20	47.80	30.0	15
E842182		0.34	<0.005	0.24	1.60	111.0	<0.2	<10	130	1.55	4.54	0.18	0.56	30.30	68.1	22
E842183		0.28	<0.005	0.07	1.02	11.8	<0.2	<10	80	0.49	0.65	0.02	0.05	49.00	8.7	11
E842184		0.26	<0.005	0.07	0.98	14.4	<0.2	<10	90	0.52	0.96	0.03	0.07	41.10	8.4	9
E842185		0.30	<0.005	0.03	1.45	13.5	<0.2	<10	90	0.55	0.68	0.05	0.15	48.30	15.9	19
E842186		0.18	0.029	0.12	1.91	36.1	<0.2	<10	80	0.69	1.21	0.07	0.17	32.20	25.7	26
E842187		0.16	<0.005	0.03	1.66	17.0	<0.2	<10	90	0.52	0.52	0.07	0.16	38.20	17.3	24
E842188		0.22	<0.005	0.09	1.84	22.0	<0.2	<10	90	0.57	1.18	0.07	0.19	32.60	15.0	26
E842189		0.28	<0.005	0.03	1.49	16.8	<0.2	<10	100	0.56	0.67	0.06	0.26	35.10	21.6	21
E842190		0.18	<0.005	0.09	1.74	19.8	<0.2	<10	100	0.71	0.77	0.11	0.26	35.90	17.8	25
E842191		0.16	<0.005	0.14	0.75	23.2	<0.2	<10	70	0.65	0.96	0.41	0.40	22.40	17.3	9
E842192		0.22	<0.005	0.05	1.82	23.2	<0.2	<10	90	0.67	0.77	0.09	0.20	34.00	17.5	28
E842193		0.18	<0.005	0.05	2.05	19.6	<0.2	<10	120	0.74	0.83	0.08	0.29	30.90	18.3	28
E842194		0.22	<0.005	0.04	1.56	28.0	<0.2	<10	60	0.50	2.29	0.05	0.15	31.80	23.6	25
E842195		0.20	<0.005	0.04	2.07	13.8	<0.2	<10	160	0.66	0.41	0.22	0.24	31.40	12.0	32
E842196		0.16	<0.005	0.24	1.21	50.1	<0.2	<10	140	1.31	2.79	0.05	0.46	31.00	42.0	16
E842197		0.44	<0.005	0.06	0.99	22.1	<0.2	<10	60	0.49	0.58	0.03	0.09	28.50	14.0	13
E842198		0.30	<0.005	0.05	0.89	24.3	<0.2	<10	50	0.49	0.64	0.01	0.08	32.00	15.6	10
E842199		0.20	<0.005	0.08	1.28	25.1	<0.2	<10	70	0.74	0.75	0.04	0.17	32.00	17.5	16
E842200		0.20	<0.005	0.14	1.37	39.3	<0.2	<10	90	0.92	1.17	0.06	0.24	35.10	21.7	19
E842201		0.20	<0.005	0.05	1.77	25.5	<0.2	<10	90	0.63	0.95	0.08	0.20	32.50	19.2	29
E842202		0.22	<0.005	0.34	1.34	29.3	<0.2	<10	100	1.11	1.58	0.13	0.29	53.10	28.9	21
E842203		0.32	<0.005	0.12	1.49	30.2	<0.2	<10	60	0.56	2.04	0.05	0.21	32.70	24.1	27
E842204		0.32	0.005	0.18	1.51	21.0	<0.2	<10	80	0.60	1.38	0.18	0.39	39.90	23.0	25
E842205		0.18	0.005	0.07	1.45	18.5	<0.2	<10	60	0.61	1.45	0.07	0.24	33.00	24.8	21
E842206		0.26	0.018	1.11	1.26	155.0	<0.2	<10	100	2.10	18.25	0.03	1.31	41.90	196.5	18
E842207		0.36	<0.005	0.26	1.21	95.6	<0.2	<10	100	1.13	2.21	0.09	0.48	40.90	36.8	17
E842208		0.28	0.012	0.17	1.58	35.8	<0.2	<10	140	0.98	1.53	0.11	0.45	41.90	30.7	24
E842209		0.38	0.006	0.14	1.28	37.1	<0.2	<10	100	0.97	1.68	0.05	0.29	43.20	28.5	18
E842210		0.40	<0.005	0.05	1.24	31.6	<0.2	<10	80	0.65	0.86	0.06	0.17	31.40	25.2	17
E842211		0.24	0.007	0.13	1.75	35.3	<0.2	<10	90	1.13	1.68	0.07	0.26	36.90	30.0	25
E842212		0.22	0.005	0.06	2.02	20.3	<0.2	<10	80	0.46	0.90	0.08	0.20	31.80	13.0	31

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842173	2.96	109.0	4.72	4.02	0.11	0.05	0.04	0.086	0.09	20.1	23.2	0.48	1470	1.97	0.01
E842174	1.83	29.4	3.48	6.80	0.08	<0.02	0.03	0.037	0.05	15.6	14.3	0.39	419	1.85	0.01
E842175	1.44	47.6	4.02	4.60	0.10	0.02	0.04	0.046	0.07	20.5	16.8	0.38	888	1.30	0.01
E842176	1.24	40.1	3.29	4.15	0.09	0.03	0.02	0.036	0.05	20.3	14.4	0.34	419	1.50	0.01
E842177	1.93	50.9	4.10	6.12	0.09	<0.02	0.07	0.043	0.07	18.4	14.1	0.28	882	1.59	0.01
E842178	0.64	37.5	3.32	2.56	0.10	0.03	0.01	0.030	0.05	24.0	10.3	0.36	740	0.51	0.01
E842179	0.91	42.3	3.45	2.69	0.09	0.02	0.01	0.035	0.07	21.2	10.8	0.28	550	0.71	0.01
E842180	3.77	274.0	5.62	4.97	0.12	0.08	0.04	0.100	0.07	22.3	18.2	0.54	1570	3.84	0.01
E842181	2.26	111.5	4.74	3.35	0.09	0.04	0.03	0.066	0.10	24.4	14.5	0.35	1390	1.72	<0.01
E842182	4.51	402.0	7.36	4.63	0.12	0.04	0.07	0.160	0.08	15.3	15.1	0.56	3090	3.07	0.02
E842183	0.93	33.4	3.54	2.71	0.08	0.03	0.02	0.037	0.07	25.2	11.8	0.29	439	0.70	<0.01
E842184	0.98	42.2	3.71	2.57	0.07	0.04	0.01	0.041	0.09	21.4	9.9	0.23	460	0.65	<0.01
E842185	1.27	35.0	3.95	4.11	0.08	0.02	0.02	0.046	0.07	23.1	17.5	0.44	766	0.98	0.01
E842186	2.65	121.0	5.17	7.14	0.08	<0.02	0.06	0.060	0.06	15.9	18.2	0.39	1130	3.08	0.01
E842187	1.63	38.3	3.47	5.36	0.07	<0.02	0.03	0.037	0.05	18.8	17.6	0.44	589	1.57	<0.01
E842188	2.26	60.9	4.28	5.85	0.08	<0.02	0.03	0.053	0.06	16.0	17.1	0.47	1030	1.84	0.01
E842189	1.56	32.9	5.50	4.77	0.09	0.02	0.04	0.056	0.04	15.8	15.8	0.40	2440	1.34	<0.01
E842190	2.22	50.6	4.25	5.89	0.09	<0.02	0.05	0.049	0.06	17.5	21.4	0.49	1270	1.56	0.01
E842191	1.08	51.1	8.17	2.40	0.11	0.05	0.06	0.087	0.03	10.8	5.4	0.22	3950	1.02	0.01
E842192	2.13	122.0	4.31	5.96	0.08	0.02	0.04	0.065	0.05	17.5	18.0	0.47	1610	2.09	0.01
E842193	2.50	60.3	4.20	7.56	0.07	<0.02	0.03	0.059	0.07	14.9	20.5	0.39	1380	2.23	0.01
E842194	2.43	86.4	4.69	7.13	0.07	<0.02	0.04	0.064	0.05	16.1	12.4	0.31	1150	3.32	0.01
E842195	2.00	26.8	4.64	7.70	0.06	<0.02	0.03	0.055	0.06	14.1	25.3	0.58	993	1.76	0.01
E842196	2.11	276.0	6.75	3.58	0.12	0.05	0.05	0.101	0.05	16.0	12.7	0.40	2430	2.14	<0.01
E842197	1.20	40.6	3.73	3.11	0.06	0.02	0.03	0.049	0.06	14.6	8.8	0.24	907	1.18	<0.01
E842198	1.19	44.4	4.19	2.49	0.07	0.03	0.02	0.058	0.08	16.3	7.9	0.20	1150	1.12	<0.01
E842199	1.62	53.3	4.11	4.04	0.07	0.03	0.04	0.067	0.09	15.7	14.1	0.32	1420	1.26	<0.01
E842200	2.18	86.4	4.00	3.83	0.08	0.04	0.03	0.059	0.07	17.6	15.7	0.38	1360	1.58	<0.01
E842201	2.46	41.9	4.15	7.13	0.06	<0.02	0.04	0.054	0.07	16.0	17.4	0.46	1430	2.16	0.01
E842202	2.74	132.0	3.97	3.94	0.09	0.03	0.05	0.066	0.08	27.2	14.2	0.46	1520	1.93	<0.01
E842203	3.32	67.6	4.23	8.51	0.07	<0.02	0.07	0.074	0.05	15.7	15.0	0.34	919	3.26	<0.01
E842204	1.60	82.4	3.77	4.76	0.08	0.03	0.04	0.046	0.06	20.4	15.4	0.53	725	2.13	0.01
E842205	1.44	73.4	3.52	4.54	0.07	0.02	0.03	0.054	0.04	16.4	19.5	0.49	747	1.83	0.01
E842206	6.05	538.0	9.93	3.31	0.18	0.04	0.09	0.240	0.05	20.7	16.6	0.32	5360	6.28	0.01
E842207	2.79	115.5	5.47	3.67	0.10	0.03	0.05	0.091	0.08	20.8	14.3	0.41	2620	1.67	0.01
E842208	1.88	101.0	4.41	4.75	0.10	0.03	0.04	0.062	0.06	21.3	16.7	0.51	1510	2.22	0.01
E842209	2.17	106.5	4.67	3.68	0.08	0.03	0.03	0.070	0.07	21.5	13.0	0.38	1650	1.94	<0.01
E842210	1.58	67.6	4.66	3.41	0.08	0.03	0.03	0.061	0.06	15.9	11.9	0.35	1340	1.45	<0.01
E842211	3.70	110.5	4.60	5.64	0.09	0.03	0.03	0.105	0.07	17.7	22.3	0.50	1180	2.53	<0.01
E842212	2.55	34.0	4.19	8.58	0.07	<0.02	0.03	0.054	0.07	16.6	16.4	0.45	581	2.80	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 8-AUG-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842173		0.64	51.9	410	33.1	11.9	<0.001	0.02	2.19	4.3	1.1	0.4	7.0	0.01	0.08	14.2
E842174		0.99	18.7	460	14.2	12.1	<0.001	0.02	1.19	2.2	0.9	0.7	9.1	<0.01	0.07	1.2
E842175		0.54	26.5	530	12.7	12.1	<0.001	0.03	1.14	2.3	1.0	0.4	5.8	<0.01	0.07	2.1
E842176		0.64	23.6	430	10.1	8.6	<0.001	0.01	1.07	2.4	0.8	0.4	5.5	0.01	0.06	3.4
E842177		0.80	18.3	510	12.0	14.2	<0.001	0.04	1.37	1.7	1.0	0.6	6.6	<0.01	0.08	1.2
E842178		0.13	18.5	360	10.0	6.3	<0.001	0.01	0.88	1.7	0.4	<0.2	1.6	<0.01	0.03	6.0
E842179		0.23	21.3	350	8.2	8.6	<0.001	<0.01	0.85	1.7	0.5	0.2	2.7	<0.01	0.04	4.7
E842180		0.63	48.0	510	33.0	13.3	<0.001	<0.01	3.60	5.5	1.1	0.4	9.0	0.01	0.08	9.8
E842181		0.38	39.7	420	22.5	12.7	<0.001	0.01	1.66	4.2	0.7	0.3	6.0	<0.01	0.05	9.6
E842182		0.52	74.3	890	46.2	10.5	0.001	0.09	3.96	5.7	2.0	0.4	17.8	0.01	0.21	7.6
E842183		0.33	21.6	380	7.9	10.6	<0.001	0.02	0.99	2.6	0.4	0.2	3.0	<0.01	0.03	6.4
E842184		0.17	20.0	500	7.7	11.5	<0.001	0.03	1.56	2.1	0.4	0.2	2.8	<0.01	0.03	4.7
E842185		0.62	33.3	490	11.0	9.8	<0.001	0.02	1.06	3.1	0.6	0.4	6.9	<0.01	0.04	4.9
E842186		0.86	44.2	670	21.9	14.6	<0.001	0.05	2.09	2.3	1.3	0.7	9.7	<0.01	0.12	1.4
E842187		0.84	29.4	420	12.6	10.5	<0.001	0.02	1.11	2.7	0.8	0.5	9.3	0.01	0.06	2.0
E842188		0.84	28.6	710	29.8	13.1	<0.001	0.04	1.49	2.7	0.8	0.6	9.6	<0.01	0.07	2.1
E842189		0.56	36.8	630	27.7	8.6	<0.001	0.03	1.64	2.9	0.7	0.4	7.7	<0.01	0.05	2.6
E842190		0.63	38.2	630	33.8	13.0	<0.001	0.04	1.56	2.5	0.9	0.6	11.8	<0.01	0.06	1.4
E842191		0.34	25.1	960	30.2	6.6	<0.001	0.05	1.96	4.5	1.1	0.2	11.1	0.01	0.07	3.5
E842192		0.89	38.9	580	13.9	11.4	<0.001	0.04	1.54	3.4	1.1	0.6	11.7	<0.01	0.11	1.8
E842193		1.04	29.7	540	20.5	18.6	<0.001	0.05	1.44	2.3	1.0	0.8	10.1	<0.01	0.09	1.1
E842194		0.81	36.0	590	18.8	11.3	<0.001	0.05	1.66	2.0	1.0	0.7	7.8	<0.01	0.09	1.5
E842195		0.82	26.0	740	16.1	11.5	<0.001	0.05	1.01	2.7	0.7	0.8	13.8	<0.01	0.06	1.0
E842196		0.75	65.1	570	23.4	8.0	<0.001	0.02	6.68	4.4	1.2	0.3	7.5	<0.01	0.10	9.3
E842197		0.55	26.3	420	12.8	8.8	<0.001	0.02	0.98	2.0	0.8	0.3	3.9	<0.01	0.05	4.3
E842198		0.28	27.6	410	13.1	10.2	<0.001	0.02	1.53	2.0	0.6	0.2	1.9	<0.01	0.06	5.9
E842199		0.51	33.4	650	16.4	13.2	<0.001	0.03	2.20	2.6	0.8	0.4	6.1	<0.01	0.06	3.7
E842200		0.72	47.0	530	22.2	9.8	<0.001	0.02	3.80	3.2	0.8	0.3	8.5	<0.01	0.07	7.5
E842201		0.86	28.4	730	27.1	13.0	<0.001	0.05	1.73	2.6	0.9	0.7	11.4	<0.01	0.08	1.4
E842202		0.63	51.6	600	102.0	11.0	<0.001	0.01	1.91	4.5	0.8	0.4	15.5	<0.01	0.08	10.6
E842203		1.03	30.5	730	31.9	13.5	<0.001	0.06	1.75	2.2	1.4	0.8	10.0	<0.01	0.22	1.3
E842204		0.96	43.6	960	24.3	8.5	<0.001	0.03	1.38	4.0	1.1	0.5	16.7	<0.01	0.09	5.7
E842205		0.74	43.7	440	24.6	8.1	<0.001	0.02	1.16	2.5	1.1	0.4	9.0	<0.01	0.08	3.5
E842206		0.34	234.0	810	106.5	8.3	<0.001	0.05	7.07	3.7	4.8	0.2	6.0	<0.01	0.53	12.3
E842207		0.52	63.4	490	49.7	10.0	<0.001	0.01	4.05	4.2	0.9	0.3	9.6	<0.01	0.07	11.2
E842208		0.90	51.6	740	25.8	9.5	<0.001	0.02	1.94	4.6	1.0	0.4	12.0	<0.01	0.08	8.6
E842209		0.61	49.6	550	25.6	9.3	<0.001	0.01	2.14	3.3	0.8	0.3	7.0	<0.01	0.07	11.6
E842210		0.69	40.7	490	18.9	8.1	<0.001	0.01	1.48	2.6	0.9	0.3	6.4	<0.01	0.06	8.0
E842211		0.83	53.3	560	30.3	15.6	<0.001	0.02	1.78	4.1	1.1	0.5	10.0	<0.01	0.10	7.6
E842212		1.21	25.1	560	20.0	14.3	<0.001	0.03	1.43	2.4	1.0	0.8	12.3	<0.01	0.08	1.3

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842173		0.027	0.14	5.71	28	0.15	11.60	96	1.6
E842174		0.044	0.16	1.01	53	0.25	3.81	64	<0.5
E842175		0.025	0.13	1.10	30	0.15	5.28	71	<0.5
E842176		0.025	0.10	1.17	28	0.15	4.71	56	0.6
E842177		0.033	0.15	1.00	45	0.21	3.49	82	<0.5
E842178		<0.005	0.04	0.71	9	0.05	3.77	35	0.8
E842179		0.007	0.06	0.85	12	0.06	4.58	34	<0.5
E842180		0.021	0.14	10.95	29	0.16	17.65	97	3.0
E842181		0.014	0.09	4.65	20	0.12	10.55	71	1.5
E842182		0.039	0.21	4.70	34	0.14	20.60	138	1.2
E842183		0.009	0.07	0.90	13	0.08	5.30	38	0.7
E842184		0.005	0.06	0.82	10	0.06	4.46	40	0.8
E842185		0.028	0.08	1.08	29	0.21	5.97	60	0.5
E842186		0.045	0.19	1.89	57	0.27	6.29	91	<0.5
E842187		0.040	0.14	1.13	43	0.25	5.49	68	<0.5
E842188		0.046	0.15	1.39	51	0.24	5.70	86	<0.5
E842189		0.033	0.10	1.48	39	0.19	8.24	77	<0.5
E842190		0.039	0.13	1.44	46	0.22	6.95	79	<0.5
E842191		0.016	0.07	1.58	20	0.12	16.75	95	1.0
E842192		0.052	0.17	1.67	50	0.27	8.42	78	<0.5
E842193		0.050	0.18	1.32	60	0.28	5.92	89	<0.5
E842194		0.040	0.17	1.54	55	0.26	5.12	65	<0.5
E842195		0.040	0.15	0.90	66	0.28	6.21	103	<0.5
E842196		0.038	0.12	3.98	28	0.16	12.15	75	1.3
E842197		0.022	0.08	1.53	21	0.13	4.07	52	0.5
E842198		0.009	0.08	1.44	13	0.07	3.98	52	0.9
E842199		0.021	0.13	1.92	24	0.13	4.95	76	0.7
E842200		0.036	0.20	2.27	31	0.17	7.18	95	1.1
E842201		0.055	0.18	1.12	59	0.26	4.88	88	<0.5
E842202		0.041	0.12	3.19	33	0.17	12.40	104	1.2
E842203		0.041	0.19	1.46	61	0.31	4.45	78	<0.5
E842204		0.059	0.13	1.67	45	0.24	9.59	117	0.6
E842205		0.035	0.12	1.23	36	0.25	5.20	120	<0.5
E842206		0.017	0.58	3.93	19	0.11	9.09	263	2.2
E842207		0.030	0.25	2.82	26	0.15	10.45	136	1.0
E842208		0.057	0.13	2.58	40	0.25	10.70	110	0.9
E842209		0.033	0.12	4.01	27	0.15	7.29	95	1.1
E842210		0.029	0.09	2.42	25	0.16	4.97	81	1.0
E842211		0.035	0.16	3.29	40	0.22	8.66	107	0.7
E842212		0.059	0.23	1.13	69	0.32	4.47	90	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842213		0.20	<0.005	0.07	1.72	20.1	<0.2	<10	70	0.38	0.75	0.09	0.17	33.40	12.2	31
E842214		0.12	0.007	0.18	1.58	30.1	<0.2	<10	70	0.76	1.33	0.18	0.20	24.90	13.7	24
E842215		0.20	<0.005	0.10	1.74	28.4	<0.2	<10	90	0.67	1.17	0.10	0.19	35.00	22.8	28
E842216		0.24	<0.005	0.07	1.89	31.2	<0.2	<10	100	0.66	1.00	0.08	0.23	39.00	28.2	30
E842217		0.26	<0.005	0.18	1.62	32.4	<0.2	<10	90	0.69	1.07	0.07	0.22	34.00	30.6	28
E842218		0.34	0.005	0.13	1.80	52.2	<0.2	<10	80	0.87	1.39	0.10	0.21	31.90	38.3	28
E842219		0.26	<0.005	0.05	1.37	20.8	<0.2	<10	80	0.53	1.08	0.06	0.19	30.70	19.1	25
E842220		0.24	<0.005	0.15	1.61	24.6	<0.2	<10	110	0.85	1.09	0.22	0.33	30.20	23.2	26
E842221		0.26	<0.005	0.05	1.06	11.5	<0.2	<10	60	0.58	0.55	0.06	0.08	29.50	14.9	14
E842222		0.40	<0.005	0.03	0.68	9.5	<0.2	<10	30	0.34	0.55	0.01	0.04	47.80	14.1	7
E842223		0.34	<0.005	0.03	0.83	6.9	<0.2	<10	60	0.38	0.43	0.02	0.05	53.50	12.2	9
E842224		0.26	<0.005	0.03	0.85	7.3	<0.2	<10	120	0.47	0.58	0.02	0.05	52.90	14.4	8
E842225		0.20	0.006	0.37	1.16	79.2	<0.2	<10	160	1.59	3.44	0.07	0.25	32.70	51.5	16
E842226		0.62	0.008	0.74	0.92	121.5	<0.2	<10	180	1.39	4.62	0.24	0.55	20.40	108.0	15
E842227		0.58	<0.005	0.53	0.48	100.0	<0.2	<10	120	1.37	4.49	0.03	0.68	23.40	66.9	8
E842228		0.60	<0.005	0.39	0.60	92.1	<0.2	<10	280	1.28	4.58	0.03	0.47	25.30	65.2	9
E842229		0.12	<0.005	0.12	0.78	14.8	<0.2	<10	60	0.53	0.92	0.07	0.09	42.10	25.5	9
E842230		0.02	<0.005	0.01	0.01	0.5	<0.2	<10	10	<0.05	0.01	<0.01	0.02	1.28	<0.1	<1
E842231		0.32	<0.005	0.04	0.79	8.3	<0.2	<10	80	0.39	0.59	0.03	0.06	54.10	12.8	9
E842232		0.32	<0.005	0.04	1.20	16.2	<0.2	<10	100	0.65	1.03	0.05	0.13	40.20	22.1	14
E842233		0.18	<0.005	0.03	1.54	16.7	<0.2	<10	80	0.45	0.47	0.08	0.16	27.40	11.2	31
E842234		0.18	0.007	0.09	1.57	27.6	<0.2	<10	150	0.70	1.65	0.12	0.21	36.20	25.4	26
E842235		0.04	<0.005	0.06	1.44	20.2	<0.2	<10	60	0.34	0.86	0.05	0.14	30.80	13.9	30
E842236		0.28	<0.005	0.08	1.28	24.4	<0.2	<10	60	0.56	1.54	0.13	0.18	32.50	24.7	21
E842237		0.30	<0.005	0.11	1.56	25.4	<0.2	<10	80	0.92	1.87	0.13	0.23	35.10	34.4	26
E842238		0.34	0.006	0.07	1.59	33.8	<0.2	<10	80	0.51	3.48	0.05	0.19	29.80	43.5	28
E842239		0.32	0.008	0.14	1.37	45.2	<0.2	<10	180	0.94	1.79	0.08	0.29	35.00	38.8	21
E842240		0.26	0.006	0.08	1.66	27.1	<0.2	<10	90	1.01	1.23	0.08	0.30	37.50	31.4	28
E842241		0.32	0.005	0.09	1.46	19.0	<0.2	<10	60	0.37	0.91	0.06	0.12	27.60	11.9	28
E842242		0.72	0.005	1.26	1.07	77.7	<0.2	<10	110	1.35	6.64	0.07	0.61	27.20	86.6	16
E842243		0.22	<0.005	0.06	1.48	26.7	<0.2	<10	50	0.49	1.74	0.05	0.15	27.20	20.8	25
E842244		0.26	0.007	0.26	1.52	48.1	<0.2	<10	120	1.40	1.62	0.08	0.37	36.60	43.2	24
E842245		0.16	0.005	0.15	1.01	19.3	<0.2	<10	40	0.26	1.42	0.05	0.17	20.60	10.3	23
E842246		0.18	0.005	0.09	1.74	20.2	<0.2	<10	80	0.93	2.98	0.10	0.24	33.70	20.1	28
E842247		0.60	0.017	0.66	1.78	69.0	<0.2	<10	90	2.15	9.15	0.07	0.55	35.50	98.7	21
E842248		0.54	0.015	0.51	1.67	57.4	<0.2	<10	90	1.46	8.63	0.09	0.40	25.50	81.8	21
E842249		0.48	0.022	1.42	2.17	89.1	<0.2	<10	140	2.37	19.55	0.16	1.10	30.60	126.5	25
E842250		0.44	0.042	3.22	2.71	196.0	<0.2	<10	130	4.08	24.00	0.03	2.09	29.70	308.0	24
E842251		0.56	0.019	1.34	1.77	100.5	<0.2	<10	110	2.45	11.15	0.10	1.24	27.20	142.5	20

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 8-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07080579

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842213	2.52	37.4	3.81	8.11	0.07	0.02	0.07	0.050	0.06	15.6	15.1	0.42	492	2.82	0.01
E842214	2.86	128.5	4.90	4.71	0.08	0.03	0.10	0.144	0.07	12.3	12.4	0.51	577	3.12	0.03
E842215	2.72	81.9	4.19	6.24	0.07	<0.02	0.05	0.054	0.07	17.7	16.8	0.48	842	2.42	0.01
E842216	3.49	56.8	5.68	6.45	0.09	0.02	0.08	0.060	0.08	18.7	14.9	0.51	2320	3.03	0.01
E842217	3.18	62.9	5.22	6.11	0.08	0.02	0.05	0.061	0.07	16.7	16.1	0.43	2050	3.04	0.01
E842218	2.57	117.5	4.54	5.49	0.08	0.02	0.07	0.072	0.06	16.5	19.6	0.52	1055	2.60	0.01
E842219	2.43	46.5	4.30	5.40	0.07	0.02	0.06	0.062	0.05	13.8	16.8	0.38	1060	1.89	<0.01
E842220	2.90	79.6	4.28	4.56	0.08	0.05	0.07	0.074	0.06	17.2	20.7	0.53	996	1.79	0.01
E842221	0.85	33.4	3.04	2.64	0.07	0.04	0.04	0.033	0.04	15.9	14.3	0.36	519	0.72	<0.01
E842222	0.32	31.4	2.58	1.77	0.10	0.03	0.02	0.028	0.02	25.0	13.2	0.33	456	0.39	<0.01
E842223	0.43	24.8	2.69	2.06	0.08	0.03	0.02	0.027	0.04	27.1	15.2	0.37	465	0.33	<0.01
E842224	0.52	31.5	3.11	2.07	0.09	0.03	0.02	0.035	0.07	26.6	13.9	0.30	594	0.35	<0.01
E842225	3.19	218.0	7.91	3.00	0.11	0.07	0.05	0.127	0.06	18.8	12.4	0.34	2080	2.87	<0.01
E842226	1.90	403.0	10.05	2.49	0.16	0.16	0.07	0.122	0.04	9.3	11.5	0.51	3810	4.35	<0.01
E842227	1.68	198.5	7.97	1.48	0.11	0.25	0.04	0.099	0.05	11.1	5.3	0.18	3500	2.22	<0.01
E842228	1.61	210.0	8.43	1.71	0.11	0.28	0.03	0.126	0.05	11.9	7.5	0.24	4250	2.38	<0.01
E842229	0.97	56.3	4.40	1.98	0.09	0.04	0.03	0.048	0.07	22.4	12.3	0.33	1025	0.70	<0.01
E842230	<0.05	0.7	0.02	<0.05	<0.05	0.03	0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.06	<0.01
E842231	0.52	30.9	2.92	2.05	0.09	0.03	0.02	0.033	0.04	27.7	13.8	0.31	465	0.46	<0.01
E842232	1.01	48.6	4.49	3.03	0.09	0.03	0.02	0.050	0.05	20.2	18.1	0.42	1035	0.80	<0.01
E842233	1.81	29.5	4.59	6.78	0.06	<0.02	0.06	0.046	0.05	11.5	14.5	0.40	689	1.98	0.01
E842234	1.95	74.7	3.96	4.35	0.07	0.03	0.05	0.048	0.06	18.7	15.7	0.49	1010	2.36	0.01
E842235	2.43	31.7	4.11	8.67	0.06	0.02	0.08	0.052	0.05	13.1	11.7	0.29	573	2.52	<0.01
E842236	1.36	83.0	3.43	3.76	0.08	0.03	0.07	0.049	0.04	17.2	14.3	0.40	649	2.35	<0.01
E842237	1.86	115.0	4.02	4.69	0.09	0.04	0.05	0.071	0.05	18.6	18.6	0.48	719	2.67	0.01
E842238	2.12	157.0	5.49	6.18	0.09	<0.02	0.05	0.107	0.05	13.8	20.4	0.40	1015	4.02	<0.01
E842239	2.26	138.5	5.44	4.17	0.09	0.03	0.05	0.088	0.05	17.4	16.8	0.41	2430	2.87	<0.01
E842240	2.94	104.5	4.31	4.35	0.07	0.03	0.05	0.063	0.07	18.0	19.7	0.52	1170	2.02	<0.01
E842241	2.45	48.5	3.92	6.94	0.06	<0.02	0.09	0.049	0.05	13.1	14.1	0.32	483	2.77	0.01
E842242	2.44	325.0	9.25	2.76	0.16	0.07	0.12	0.189	0.05	12.2	16.4	0.54	3840	5.35	<0.01
E842243	1.84	73.6	4.45	5.59	0.07	<0.02	0.06	0.059	0.04	13.0	16.7	0.36	677	3.02	<0.01
E842244	3.13	117.0	5.87	4.23	0.10	0.05	0.06	0.137	0.06	19.5	18.2	0.48	2380	2.56	<0.01
E842245	2.42	57.0	3.81	6.69	0.06	<0.02	0.07	0.061	0.05	10.2	4.4	0.15	328	3.00	0.01
E842246	1.83	92.1	3.80	4.78	0.07	0.02	0.04	0.064	0.05	17.2	19.6	0.49	841	1.97	<0.01
E842247	2.27	398.0	6.91	3.93	0.13	0.19	0.03	0.157	0.07	18.6	29.2	0.76	2170	8.55	0.01
E842248	1.36	342.0	6.19	3.29	0.12	0.19	0.04	0.115	0.05	12.4	25.3	0.76	1505	7.26	0.02
E842249	3.09	581.0	9.41	4.38	0.16	0.11	0.08	0.265	0.06	14.2	29.8	0.96	3590	10.10	0.02
E842250	6.10	795.0	12.15	3.60	0.17	0.15	0.13	0.550	0.07	14.6	26.7	0.55	7390	10.90	<0.01
E842251	4.51	510.0	9.59	3.25	0.14	0.16	0.09	0.267	0.07	12.9	21.9	0.65	3550	7.86	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842213		1.27	26.3	670	21.5	12.4	<0.001	0.05	1.48	2.6	1.3	0.8	11.9	<0.01	0.10	1.7
E842214		0.89	29.6	740	25.3	9.9	<0.001	0.06	1.91	3.8	1.5	0.5	20.3	<0.01	0.11	4.7
E842215		1.06	35.5	630	20.2	13.3	<0.001	0.03	2.40	3.1	1.2	0.6	13.0	<0.01	0.09	3.2
E842216		0.98	31.1	870	25.4	14.4	<0.001	0.04	1.96	3.6	1.1	0.7	11.4	<0.01	0.09	3.8
E842217		1.00	30.9	820	30.3	13.8	<0.001	0.03	1.92	3.8	1.1	0.8	10.5	0.01	0.08	3.6
E842218		0.91	41.4	840	24.1	11.8	<0.001	0.04	1.60	3.7	1.3	0.6	12.7	0.01	0.10	3.1
E842219		0.76	26.6	460	20.8	9.2	<0.001	0.03	1.30	2.0	0.7	0.5	8.4	0.01	0.07	1.0
E842220		0.71	34.7	780	19.7	12.1	<0.001	0.02	1.26	4.9	0.7	0.5	17.2	0.01	0.07	4.3
E842221		0.54	26.9	350	12.9	6.4	<0.001	0.01	0.80	2.3	0.4	0.2	6.1	0.01	0.04	6.3
E842222		0.09	24.3	190	7.6	3.4	<0.001	<0.01	0.55	1.7	0.2	<0.2	1.3	0.01	0.03	8.4
E842223		0.18	22.7	260	7.3	4.7	<0.001	<0.01	0.55	2.2	0.2	<0.2	2.8	0.01	0.02	8.2
E842224		0.13	23.2	270	7.5	6.9	<0.001	<0.01	0.65	3.0	0.3	<0.2	2.5	0.01	0.02	9.0
E842225		0.45	62.5	520	54.1	11.5	<0.001	0.01	3.73	6.0	1.0	0.3	6.7	0.01	0.11	16.1
E842226		0.21	145.0	590	83.8	5.2	<0.001	0.26	8.26	6.5	1.5	0.2	10.3	0.01	0.19	17.0
E842227		0.09	95.0	340	78.6	5.5	<0.001	0.04	4.81	3.1	0.8	<0.2	3.2	0.01	0.15	23.1
E842228		0.06	92.5	280	66.9	5.1	<0.001	0.03	4.19	3.6	0.8	<0.2	3.1	0.01	0.13	21.7
E842229		0.20	31.6	390	16.3	6.4	<0.001	0.01	1.26	3.8	0.4	<0.2	6.5	0.01	0.04	9.5
E842230		<0.05	0.5	10	1.4	0.1	<0.001	<0.01	0.05	0.1	<0.2	<0.2	0.7	<0.01	0.01	0.3
E842231		0.24	22.8	280	7.6	5.0	<0.001	<0.01	0.71	2.7	0.3	<0.2	3.9	0.01	0.03	8.1
E842232		0.40	35.6	450	20.5	7.8	<0.001	0.01	1.27	2.9	0.4	0.3	5.8	0.01	0.05	6.4
E842233		1.14	19.3	630	21.8	8.3	<0.001	0.04	1.10	3.1	0.8	0.7	9.2	0.01	0.07	1.1
E842234		0.99	33.6	790	20.7	9.1	<0.001	0.02	1.91	3.6	0.9	0.5	11.8	0.01	0.08	5.5
E842235		1.51	20.4	500	26.7	10.5	<0.001	0.05	1.34	2.2	1.1	1.0	8.2	0.01	0.09	1.3
E842236		0.84	39.4	700	17.7	7.5	<0.001	0.02	1.55	3.0	1.0	0.4	12.0	0.02	0.08	6.0
E842237		1.10	53.1	690	23.1	9.6	<0.001	0.02	1.58	3.7	1.4	0.5	13.2	0.01	0.10	7.1
E842238		0.91	67.1	680	32.5	12.2	<0.001	0.05	1.88	2.3	2.2	0.6	7.9	0.01	0.20	2.4
E842239		0.71	55.3	630	26.8	8.9	<0.001	0.02	3.09	3.9	1.2	0.4	11.3	0.01	0.09	7.2
E842240		0.86	48.8	440	24.8	11.4	<0.001	0.02	2.05	3.8	1.0	0.5	10.1	<0.01	0.08	7.4
E842241		1.04	22.6	670	25.0	12.0	<0.001	0.05	1.55	2.1	1.1	0.8	9.4	<0.01	0.09	1.2
E842242		0.14	108.0	500	56.5	6.0	<0.001	0.08	4.14	4.7	2.0	0.2	5.5	0.01	0.44	15.0
E842243		0.80	36.8	620	22.9	9.7	<0.001	0.05	1.51	1.9	1.2	0.6	6.9	0.01	0.11	1.6
E842244		0.76	58.5	620	32.3	10.7	<0.001	0.02	1.98	5.9	1.1	0.4	11.9	0.01	0.13	9.9
E842245		0.83	19.3	910	20.3	8.7	<0.001	0.10	1.50	1.3	1.1	0.8	7.0	0.01	0.11	0.4
E842246		0.85	39.3	640	24.7	9.9	<0.001	0.03	1.30	3.3	1.2	0.5	11.9	0.01	0.08	2.6
E842247		0.09	141.0	490	48.0	7.0	<0.001	0.12	2.76	3.6	2.9	0.2	4.8	0.01	0.28	27.5
E842248		0.10	117.5	450	53.3	4.3	0.001	0.22	2.57	2.8	3.0	0.2	5.4	<0.01	0.22	22.7
E842249		0.23	186.5	780	139.5	6.3	<0.001	0.22	3.50	5.5	4.6	0.2	9.0	0.01	0.34	29.1
E842250		0.12	323.0	840	88.3	9.1	<0.001	0.06	6.21	5.1	5.4	0.2	3.7	0.01	0.61	23.8
E842251		0.14	209.0	570	71.4	7.7	<0.001	0.23	4.07	4.4	4.3	0.2	5.7	0.01	0.34	21.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 8-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07080579

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842213		0.060	0.20	1.27	70	0.35	4.58	86	0.5
E842214		0.053	0.15	2.48	45	0.20	10.95	226	0.8
E842215		0.054	0.18	1.96	54	0.28	6.27	87	<0.5
E842216		0.060	0.20	2.14	62	0.28	7.96	104	<0.5
E842217		0.051	0.22	2.06	56	0.30	7.64	99	<0.5
E842218		0.046	0.17	2.16	48	0.27	8.60	92	0.5
E842219		0.040	0.12	0.92	45	0.25	4.61	71	<0.5
E842220		0.038	0.13	4.08	38	0.21	13.40	163	0.8
E842221		0.020	0.06	0.87	18	0.12	3.85	47	1.1
E842222		<0.005	0.03	0.73	6	<0.05	3.33	27	0.8
E842223		0.006	0.04	0.60	9	0.05	4.36	35	0.9
E842224		<0.005	0.05	0.66	8	0.05	5.82	34	0.9
E842225		0.018	0.10	5.38	21	0.11	16.85	129	3.2
E842226		0.016	0.12	5.59	17	0.13	19.50	135	12.8
E842227		0.005	0.14	3.86	9	0.05	8.66	183	14.8
E842228		<0.005	0.13	4.03	9	<0.05	9.70	139	16.6
E842229		0.009	0.05	1.47	11	0.06	8.82	49	1.5
E842230		<0.005	<0.02	0.09	<1	<0.05	0.66	4	0.6
E842231		0.010	0.04	0.74	11	0.07	5.67	35	0.7
E842232		0.015	0.08	0.89	19	0.12	6.10	57	0.7
E842233		0.054	0.18	0.81	65	0.32	5.14	89	<0.5
E842234		0.050	0.16	2.28	43	0.29	7.61	82	0.6
E842235		0.055	0.24	1.02	74	0.35	3.22	73	0.5
E842236		0.039	0.11	1.72	35	0.23	7.06	69	0.9
E842237		0.049	0.14	1.95	42	0.27	8.12	87	1.1
E842238		0.036	0.20	1.67	48	0.25	4.21	77	<0.5
E842239		0.041	0.19	3.36	37	0.23	8.99	83	0.8
E842240		0.053	0.14	2.55	43	0.20	7.28	115	0.8
E842241		0.045	0.20	1.27	62	0.31	3.72	75	<0.5
E842242		0.008	0.20	5.76	14	0.08	11.50	144	4.4
E842243		0.033	0.16	1.37	46	0.23	3.88	76	<0.5
E842244		0.045	0.14	4.29	38	0.21	14.20	108	1.6
E842245		0.035	0.17	1.05	60	0.26	3.12	80	<0.5
E842246		0.044	0.15	1.71	44	0.27	8.70	103	<0.5
E842247		0.008	0.14	4.86	13	0.06	12.60	97	16.8
E842248		0.010	0.09	4.50	15	0.07	9.35	98	14.7
E842249		0.018	0.17	6.74	21	0.10	19.90	202	8.7
E842250		0.007	0.61	7.05	16	0.08	17.00	781	12.5
E842251		0.010	0.22	5.04	16	0.08	14.85	397	12.9

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 17-AUG-2007
Account: EIAFRG

CERTIFICATE VA07083928

Project: Werneckes

P.O. No.: FRG07-01

This report is for 61 Soil samples submitted to our lab in Vancouver, BC, Canada on 1-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E842595		0.32	0.022	0.52	1.73	78.3	<0.2	<10	100	1.51	1.96	0.09	0.30	110.50	17.6	27
E842596		0.28	0.015	1.22	2.30	201.0	<0.2	<10	110	3.43	3.95	0.06	0.27	187.00	16.6	32
E842597		0.28	0.019	1.06	2.29	162.0	<0.2	<10	150	3.46	3.89	0.10	0.47	269.00	40.4	77
E842598		0.24	<0.005	0.12	2.31	26.0	<0.2	<10	130	1.27	0.67	0.16	0.15	132.00	15.7	30
E842599		0.22	<0.005	0.68	2.09	106.0	<0.2	<10	110	2.55	3.19	0.05	0.18	147.00	6.6	28
E842600		0.26	<0.005	0.53	1.80	178.5	<0.2	<10	70	1.49	5.83	0.11	0.28	130.00	19.4	31
E842601		0.22	0.005	0.19	2.36	34.5	<0.2	<10	90	1.30	1.11	0.07	0.21	62.20	16.4	25
E842602		0.30	0.046	0.45	1.83	74.1	<0.2	<10	70	1.41	2.58	0.02	0.16	121.00	6.9	28
E842603		0.24	<0.005	0.37	2.41	85.4	<0.2	<10	80	1.78	1.94	0.10	0.15	59.00	5.5	28
E842604		0.30	0.019	1.24	2.21	130.0	<0.2	<10	130	2.52	3.81	0.04	0.20	130.00	9.1	27
E842605		0.26	0.005	0.17	1.85	30.8	<0.2	<10	100	0.90	0.78	0.13	0.25	72.80	14.9	27
E842606		0.22	<0.005	0.39	2.36	53.5	<0.2	<10	110	1.54	1.34	0.04	0.14	125.50	13.8	35
E842607		0.44	<0.005	0.29	1.64	28.2	<0.2	<10	60	0.93	0.82	0.03	0.17	46.70	9.1	26
E842608		0.24	<0.005	0.42	2.16	17.2	<0.2	<10	110	2.10	1.46	0.05	0.31	137.00	11.5	31
E842609		0.26	<0.005	0.12	1.43	37.5	<0.2	<10	50	0.98	0.95	0.03	0.09	49.20	6.3	20
E842610		0.38	0.011	0.36	1.68	51.9	<0.2	<10	50	1.08	1.82	0.01	0.06	91.30	6.8	40
E842611		0.30	<0.005	0.49	3.73	17.9	<0.2	<10	70	2.65	0.56	0.05	0.46	60.60	14.3	33
E842612		0.24	<0.005	0.06	1.95	26.8	<0.2	<10	60	1.01	1.86	0.06	0.18	84.60	13.4	26
E842613		0.34	0.019	0.04	1.57	6.6	<0.2	<10	70	0.61	0.31	0.05	0.08	95.90	8.8	22
E842614		0.30	<0.005	0.06	1.49	9.7	<0.2	<10	70	0.47	0.42	0.05	0.10	48.50	8.9	24
E842615		0.34	0.007	0.06	1.92	11.9	<0.2	<10	210	2.65	0.39	0.20	0.14	86.20	19.8	25
E842616		0.42	0.005	0.05	1.25	7.6	<0.2	<10	70	0.68	0.40	0.07	0.11	58.40	8.6	17
E842617		0.30	0.013	0.07	1.77	7.3	<0.2	<10	60	1.55	0.68	0.05	0.14	89.30	16.9	21
E842618		0.30	0.023	0.06	2.37	6.3	<0.2	<10	570	3.11	0.43	0.40	0.17	235.00	35.0	267
E842619		0.56	<0.005	0.06	0.68	3.6	<0.2	<10	30	0.26	0.30	0.02	0.06	84.20	3.6	16
E842620		0.38	0.014	0.06	1.28	9.6	<0.2	<10	60	0.82	1.04	0.04	0.10	101.00	9.5	19
E842621		0.24	<0.005	0.05	2.18	10.2	<0.2	<10	90	1.72	0.45	0.08	0.14	74.90	15.8	25
E842622		0.22	0.005	0.07	1.85	11.5	<0.2	<10	110	0.83	0.38	0.10	0.12	39.00	10.9	20
E842623		0.24	<0.005	0.04	0.79	3.4	<0.2	<10	30	0.19	0.23	0.03	0.03	81.70	3.8	16
E842624		0.18	0.027	0.17	0.34	2.2	<0.2	<10	60	0.12	0.15	0.07	0.18	27.40	2.3	8
E842625		0.28	0.015	0.04	1.48	10.3	<0.2	<10	60	0.67	0.37	0.05	0.10	47.50	8.7	24
E842626		0.24	0.015	0.14	1.57	17.2	<0.2	<10	70	0.76	0.44	0.12	0.26	56.40	12.6	19
E842627		0.32	0.006	0.16	1.24	13.1	<0.2	<10	60	0.65	0.58	0.05	0.24	32.10	7.3	19
E842628		0.36	<0.005	0.19	1.18	22.9	<0.2	<10	60	0.77	0.73	0.06	0.13	57.20	7.3	19
E842629		0.34	0.006	0.18	1.19	27.3	<0.2	<10	40	0.78	1.27	0.03	0.13	44.40	9.6	23
E842630		0.04	0.055	<0.01	0.01	0.1	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.26	0.1	<1
E842631		0.36	<0.005	0.12	1.64	12.8	<0.2	<10	100	0.78	0.43	0.16	0.26	81.30	21.1	24
E842632		0.16	0.046	0.34	2.21	59.2	<0.2	<10	60	1.39	2.52	0.02	0.07	173.00	7.1	28
E842633		0.28	0.010	0.28	1.65	86.5	<0.2	<10	100	2.26	1.91	0.11	0.67	68.10	19.5	24
E842634		0.28	0.006	0.30	1.68	85.3	<0.2	<10	100	2.07	1.94	0.10	0.63	65.90	19.6	25

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842595		5.60	112.0	5.56	6.54	0.11	0.06	0.05	0.068	0.07	61.0	20.4	0.46	581	6.64	0.02
E842596		10.40	176.5	8.68	7.16	0.19	0.05	0.06	0.132	0.07	108.0	29.4	0.53	656	15.00	0.04
E842597		9.06	211.0	8.99	7.55	0.27	0.09	0.07	0.103	0.09	129.0	29.7	0.73	812	13.60	0.05
E842598		2.85	47.4	3.92	6.58	0.08	0.04	0.08	0.044	0.08	29.1	22.6	0.66	669	1.74	0.01
E842599		5.14	98.9	8.04	7.70	0.12	0.04	0.06	0.239	0.08	95.7	22.1	0.48	343	8.12	0.06
E842600		8.21	84.3	8.28	7.08	0.18	0.05	0.04	0.065	0.12	75.7	16.0	0.56	471	20.20	0.03
E842601		3.25	50.5	4.79	6.72	0.07	0.03	0.06	0.043	0.07	28.8	27.6	0.46	434	3.95	0.01
E842602		4.60	98.9	10.10	7.35	0.17	0.04	0.06	0.074	0.06	79.2	25.0	0.64	592	11.65	0.03
E842603		3.06	74.3	8.81	7.94	0.10	0.04	0.05	0.062	0.07	36.3	19.9	0.47	451	9.85	0.02
E842604		7.11	83.3	7.66	6.84	0.16	0.05	0.13	0.094	0.08	74.8	19.2	0.44	651	13.15	0.03
E842605		3.18	47.4	4.43	5.72	0.09	0.04	0.03	0.043	0.07	39.9	19.0	0.51	640	3.71	0.02
E842606		8.72	78.4	8.50	8.49	0.15	0.03	0.02	0.051	0.36	80.8	24.5	0.87	581	9.39	0.04
E842607		5.76	31.7	5.53	9.84	0.09	0.02	0.06	0.034	0.12	25.7	13.4	0.52	467	4.51	0.01
E842608		5.78	73.6	7.47	7.13	0.16	0.03	0.03	0.085	0.19	75.9	20.7	0.53	491	8.57	0.04
E842609		5.90	31.7	5.01	10.45	0.09	0.03	0.06	0.034	0.07	26.4	13.1	0.26	265	5.83	0.01
E842610		6.49	102.5	12.25	8.52	0.25	0.04	0.02	0.058	0.33	59.4	21.6	0.84	548	6.93	0.04
E842611		6.65	55.1	5.42	6.50	0.11	0.07	0.09	0.068	0.11	29.6	42.3	0.52	543	4.40	0.02
E842612		6.11	18.8	3.87	7.44	0.11	0.02	0.03	0.034	0.09	42.1	35.9	0.53	620	2.31	0.01
E842613		4.47	9.0	4.25	9.06	0.12	0.02	0.04	0.023	0.07	49.3	27.1	0.28	435	1.30	0.01
E842614		3.81	17.5	3.85	7.08	0.08	0.06	0.04	0.027	0.06	24.7	24.2	0.39	360	1.63	0.01
E842615		19.70	72.0	3.68	6.48	0.11	0.06	0.08	0.042	0.08	40.9	33.5	0.50	2190	3.36	0.01
E842616		6.64	34.6	3.91	7.93	0.09	0.02	0.07	0.030	0.06	27.6	12.5	0.23	645	1.73	0.01
E842617		9.75	58.9	5.09	8.42	0.11	0.03	0.07	0.044	0.06	42.9	20.1	0.28	1025	2.81	0.01
E842618		10.35	30.4	5.22	10.45	0.22	0.06	0.07	0.047	0.30	118.0	25.0	2.40	1645	3.40	0.02
E842619		3.50	18.1	2.92	8.90	0.09	<0.02	0.03	0.015	0.05	45.6	2.7	0.08	183	1.43	0.01
E842620		7.59	77.2	4.29	10.15	0.12	0.02	0.06	0.034	0.06	51.0	11.5	0.27	522	2.84	0.01
E842621		8.47	19.0	3.49	7.45	0.09	0.03	0.04	0.033	0.08	36.9	25.1	0.47	751	2.24	0.01
E842622		4.69	13.7	3.54	6.70	0.07	<0.02	0.05	0.033	0.08	19.3	20.3	0.29	494	1.57	0.01
E842623		2.87	5.9	2.32	7.49	0.07	<0.02	0.02	0.012	0.03	41.5	4.3	0.14	91	0.88	0.01
E842624		1.56	8.7	0.80	2.27	<0.05	<0.02	0.08	0.011	0.03	14.1	1.4	0.05	59	0.85	0.01
E842625		6.43	9.4	3.82	7.27	0.08	0.02	0.04	0.028	0.06	23.8	21.2	0.34	247	1.40	0.01
E842626		2.70	24.3	3.14	6.73	0.07	0.02	0.04	0.041	0.07	23.5	23.0	0.44	509	2.09	0.01
E842627		4.52	20.0	3.89	8.30	0.07	0.02	0.08	0.039	0.09	16.3	19.2	0.32	356	1.80	0.01
E842628		2.98	36.7	4.45	6.11	0.08	0.02	0.04	0.032	0.11	31.2	15.5	0.46	346	2.94	0.02
E842629		5.38	44.3	5.89	11.15	0.11	0.02	0.04	0.043	0.10	24.2	10.8	0.37	570	5.08	0.01
E842630		<0.05	0.7	0.02	0.05	<0.05	0.03	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.05	<0.01
E842631		2.04	40.3	3.70	5.39	0.10	0.05	0.02	0.029	0.11	38.6	25.4	0.77	840	1.24	0.01
E842632		4.89	90.0	7.30	8.17	0.23	0.06	0.03	0.064	0.06	113.0	35.0	0.85	489	10.80	0.02
E842633		3.66	124.0	7.67	5.57	0.14	0.04	0.04	0.087	0.07	41.5	23.5	0.52	590	9.75	0.02
E842634		3.62	122.5	7.64	5.43	0.13	0.04	0.03	0.080	0.07	40.8	23.5	0.51	619	9.75	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842595		0.59	25.4	1110	53.9	13.1	<0.001	0.12	2.23	2.3	1.6	0.5	20.7	0.01	0.16	6.1
E842596		0.78	29.4	2380	165.5	12.5	0.001	0.21	3.99	2.7	3.1	0.5	72.9	0.01	0.29	16.7
E842597		1.20	110.0	2290	77.0	14.6	0.001	0.24	7.10	4.2	4.5	0.5	54.9	0.02	0.30	24.1
E842598		1.18	36.2	480	30.0	20.4	<0.001	0.04	0.89	3.2	1.1	0.6	12.3	0.01	0.08	6.9
E842599		1.31	14.4	1630	156.0	9.7	<0.001	0.32	3.46	2.5	2.2	0.4	34.2	0.01	0.31	56.6
E842600		2.55	27.4	1170	117.0	24.7	<0.001	0.18	3.71	3.5	2.7	0.7	28.5	0.01	0.39	22.4
E842601		1.39	34.6	570	53.4	13.5	<0.001	0.06	1.37	2.6	1.1	0.5	13.4	0.01	0.11	13.9
E842602		1.54	9.9	1990	85.2	11.5	<0.001	0.20	4.19	2.8	2.4	0.4	26.6	0.01	0.26	27.5
E842603		1.28	9.4	1750	58.8	12.6	<0.001	0.16	2.48	2.1	1.8	0.4	16.0	0.01	0.26	28.9
E842604		1.27	23.0	1920	83.5	15.0	<0.001	0.19	5.15	2.2	3.3	0.5	27.8	0.01	0.39	15.1
E842605		1.15	28.8	1160	36.8	10.9	<0.001	0.08	1.48	2.9	1.1	0.4	19.4	<0.01	0.09	13.2
E842606		1.90	18.2	1510	65.1	52.1	<0.001	0.46	1.53	3.6	1.9	0.5	21.5	0.01	0.17	26.1
E842607		1.65	17.4	790	34.5	26.7	<0.001	0.09	1.12	2.2	1.0	0.6	9.6	<0.01	0.12	5.5
E842608		1.81	20.9	1760	69.1	27.4	<0.001	0.37	1.75	2.9	1.9	0.5	31.7	0.01	0.16	17.3
E842609		2.86	16.5	770	34.7	17.9	<0.001	0.05	1.12	2.6	0.9	0.9	9.0	0.01	0.12	7.3
E842610		2.28	10.2	2060	101.5	39.3	<0.001	0.66	1.96	4.9	2.3	0.5	16.2	0.01	0.24	36.1
E842611		2.25	34.6	1030	130.0	15.1	<0.001	0.17	3.29	4.0	1.5	0.5	11.5	0.02	0.08	10.9
E842612		0.62	31.5	660	14.3	17.7	<0.001	0.03	1.21	2.4	0.7	0.5	6.9	<0.01	0.05	9.1
E842613		0.75	17.8	510	9.3	19.1	<0.001	0.02	0.50	2.2	0.5	0.7	6.0	<0.01	0.04	10.6
E842614		1.20	20.6	350	10.9	14.3	<0.001	0.01	0.56	2.5	0.5	0.5	7.2	<0.01	0.05	8.2
E842615		0.61	32.4	850	14.9	19.6	<0.001	0.05	0.83	3.9	0.9	0.5	9.8	0.01	0.05	5.4
E842616		0.69	14.0	740	13.7	12.4	<0.001	0.05	0.71	1.4	0.7	0.5	6.4	<0.01	0.08	3.0
E842617		0.73	16.2	1110	13.5	13.6	<0.001	0.04	0.70	1.7	0.9	0.5	6.4	<0.01	0.13	4.8
E842618		3.04	161.5	1900	11.5	30.6	0.001	0.05	0.60	5.7	0.8	0.8	55.5	0.01	0.07	6.4
E842619		0.60	7.5	670	5.3	10.3	<0.001	0.03	0.51	1.0	0.5	0.5	3.5	<0.01	0.06	1.9
E842620		0.78	16.6	990	14.4	12.0	<0.001	0.03	0.72	1.5	0.7	0.7	6.4	<0.01	0.21	2.7
E842621		0.92	30.1	720	16.9	17.3	<0.001	0.02	0.56	2.7	0.6	0.6	9.2	<0.01	0.08	8.8
E842622		1.12	20.3	470	16.1	15.6	<0.001	0.03	0.68	2.3	0.6	0.6	8.0	0.01	0.05	2.6
E842623		0.40	8.6	310	5.3	8.1	<0.001	0.02	0.38	1.4	0.4	0.7	4.0	<0.01	0.02	4.1
E842624		0.14	6.8	870	6.8	4.1	<0.001	0.07	0.29	0.4	0.5	0.3	5.0	<0.01	0.01	<0.2
E842625		1.11	19.0	350	12.4	14.6	<0.001	0.02	0.52	2.2	0.6	0.6	7.0	<0.01	0.05	8.2
E842626		1.59	21.0	400	19.8	14.6	<0.001	0.03	0.87	2.2	0.6	0.6	9.0	0.01	0.07	5.5
E842627		2.50	12.4	390	21.6	21.1	<0.001	0.03	0.73	2.0	0.6	0.8	6.3	<0.01	0.07	4.8
E842628		1.73	15.2	730	35.0	17.9	<0.001	0.14	1.02	2.1	0.8	0.5	14.3	0.01	0.09	7.3
E842629		2.08	13.6	670	66.0	17.0	<0.001	0.07	2.39	2.2	0.8	0.8	6.1	0.01	0.13	9.6
E842630		<0.05	0.3	10	0.6	0.2	0.001	0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E842631		1.44	33.7	540	17.6	15.6	<0.001	0.01	0.79	3.3	0.6	0.4	11.0	0.01	0.04	13.2
E842632		2.31	11.7	1270	50.5	9.6	0.001	0.12	2.10	3.6	2.0	0.3	21.0	0.01	0.27	44.7
E842633		2.73	25.6	1450	52.4	10.8	<0.001	0.12	2.68	3.2	1.7	0.4	16.1	0.01	0.27	39.3
E842634		2.54	25.6	1470	55.0	10.8	<0.001	0.12	2.59	3.1	1.8	0.3	15.5	0.01	0.26	39.4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842595		0.026	0.21	5.57	39	0.22	16.70	125	<0.5
E842596		0.027	0.25	12.10	28	0.27	27.70	160	<0.5
E842597		0.041	0.27	10.00	39	0.30	46.70	184	<0.5
E842598		0.043	0.22	1.99	41	0.30	10.75	93	<0.5
E842599		0.021	0.14	5.82	30	0.29	11.05	119	0.5
E842600		0.131	0.52	4.38	41	0.34	25.50	120	0.8
E842601		0.033	0.15	2.24	42	0.25	7.81	99	0.6
E842602		0.042	0.15	6.16	21	0.27	19.90	92	<0.5
E842603		0.014	0.15	3.02	31	0.28	10.35	104	0.6
E842604		0.024	0.28	7.42	32	0.40	22.40	136	<0.5
E842605		0.041	0.12	2.60	40	0.38	9.01	122	0.8
E842606		0.101	0.53	4.02	41	0.24	10.95	138	0.5
E842607		0.078	0.25	1.63	52	0.23	5.84	89	<0.5
E842608		0.095	0.32	3.57	42	0.23	11.60	117	<0.5
E842609		0.071	0.23	2.11	58	0.21	7.87	84	0.6
E842610		0.129	0.39	3.32	34	0.16	9.73	97	1.0
E842611		0.060	0.17	2.50	32	0.19	10.45	409	1.9
E842612		0.016	0.14	1.15	36	0.14	5.35	127	<0.5
E842613		0.011	0.13	1.00	46	0.18	3.42	58	<0.5
E842614		0.028	0.13	0.74	44	0.17	3.10	61	1.9
E842615		0.019	0.24	3.49	38	0.15	22.60	56	0.5
E842616		0.017	0.13	1.29	39	0.18	4.44	66	<0.5
E842617		0.016	0.15	2.64	42	0.17	6.12	84	<0.5
E842618		0.115	0.12	5.64	66	0.11	11.95	44	1.7
E842619		0.011	0.09	1.09	44	0.17	3.58	26	<0.5
E842620		0.019	0.12	2.16	57	0.19	3.20	50	<0.5
E842621		0.025	0.16	3.59	47	0.30	5.49	63	<0.5
E842622		0.021	0.17	0.68	47	0.18	3.88	59	<0.5
E842623		0.018	0.07	0.70	46	0.10	3.28	25	<0.5
E842624		0.007	0.05	0.71	15	0.06	1.61	24	<0.5
E842625		0.024	0.13	1.12	47	0.17	2.89	45	0.6
E842626		0.036	0.16	1.05	39	0.19	6.00	96	<0.5
E842627		0.063	0.15	0.80	51	0.23	4.28	99	<0.5
E842628		0.065	0.18	1.55	29	0.18	6.60	85	<0.5
E842629		0.073	0.21	1.46	58	0.27	6.18	121	0.5
E842630		<0.005	<0.02	0.11	<1	<0.05	0.71	3	0.6
E842631		0.056	0.17	1.39	27	0.19	16.35	124	1.2
E842632		0.032	0.17	7.96	20	0.28	29.50	84	<0.5
E842633		0.055	0.14	4.98	24	0.31	15.45	131	<0.5
E842634		0.055	0.14	4.93	25	0.38	14.90	130	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842635		0.28	<0.005	0.55	2.06	32.7	<0.2	<10	100	1.11	1.23	0.10	0.13	116.50	16.3	47
E842636		0.26	<0.005	0.42	2.45	12.1	<0.2	<10	90	1.34	1.08	0.11	0.19	159.50	43.5	44
E842637		0.16	<0.005	0.30	2.23	7.3	<0.2	<10	80	1.05	1.02	0.15	0.13	206.00	26.1	30
E842638		0.20	0.006	0.32	2.38	25.3	<0.2	<10	70	0.99	0.84	0.10	0.18	67.30	15.5	33
E842639		0.26	0.005	1.64	1.64	48.1	<0.2	<10	60	1.30	1.10	0.14	0.80	96.90	15.6	27
E842640		0.38	0.005	0.50	1.89	72.3	<0.2	<10	120	1.97	3.01	0.15	0.29	128.50	18.4	28
E842641		0.34	0.697	0.13	1.35	34.8	<0.2	<10	60	0.72	1.96	0.03	0.07	42.70	5.2	21
E842642		0.24	0.009	0.21	2.12	153.0	<0.2	<10	130	1.97	2.09	0.18	0.30	72.30	17.7	26
E842643		0.56	0.012	0.53	1.92	77.4	<0.2	<10	70	2.17	1.71	0.07	0.28	185.50	12.4	43
E842644		0.38	0.005	0.12	1.09	18.5	<0.2	<10	70	0.62	1.30	0.05	0.16	46.00	7.2	17
E842645		0.66	<0.005	0.32	1.48	66.5	<0.2	<10	90	1.60	1.45	0.09	0.34	138.50	14.9	23
E841743		0.38	<0.005	0.13	2.22	19.1	<0.2	<10	110	2.49	0.96	0.15	0.22	199.00	47.8	24
E841744		0.22	0.044	0.17	1.51	15.9	<0.2	<10	130	0.82	0.80	0.73	0.28	68.20	18.0	21
E841745		0.12	0.017	0.23	0.31	3.8	<0.2	<10	70	0.14	0.17	0.27	0.45	11.05	3.0	3
E841746		0.30	<0.005	0.13	1.71	19.6	<0.2	<10	90	1.00	1.12	0.20	0.16	66.20	14.8	22
E841747		0.12	<0.005	0.18	0.31	4.8	<0.2	<10	40	0.18	0.23	0.28	0.40	12.95	2.8	4
E841748		0.24	<0.005	0.10	1.20	22.2	<0.2	<10	80	0.53	1.04	0.12	0.11	32.30	9.2	16
E841749		0.30	<0.005	0.10	1.58	21.7	<0.2	<10	90	1.08	0.88	0.08	0.30	76.60	17.2	19
E841750		0.28	0.005	0.09	1.21	23.5	<0.2	<10	70	1.29	1.33	0.08	0.12	69.40	9.8	18
E843001		0.32	0.005	0.11	1.61	24.4	<0.2	<10	90	1.39	1.47	0.08	0.10	91.30	9.4	21
E845928		0.28	0.006	0.89	1.56	46.8	<0.2	<10	100	1.59	2.66	0.37	0.49	43.00	31.0	20

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842635		7.37	93.1	9.42	8.21	0.24	0.10	0.04	0.076	0.39	67.0	27.5	1.07	785	5.87	0.02
E842636		9.61	89.1	8.24	9.45	0.22	0.08	0.05	0.070	0.44	70.5	34.7	1.26	1540	4.32	0.02
E842637		9.02	67.7	6.15	8.50	0.28	0.08	0.09	0.044	0.30	146.5	29.3	1.06	1045	3.20	0.02
E842638		6.17	47.0	6.59	8.64	0.13	0.04	0.07	0.038	0.28	34.5	35.0	0.96	628	5.03	0.01
E842639		6.88	115.0	6.11	6.45	0.15	0.05	0.12	0.047	0.12	48.2	14.7	0.58	287	9.61	0.01
E842640		7.61	98.9	7.48	6.98	0.16	0.05	0.07	0.084	0.09	51.3	27.7	0.48	776	10.70	0.01
E842641		2.71	37.0	6.19	9.91	0.10	0.02	0.03	0.078	0.06	24.6	13.7	0.26	306	5.80	0.01
E842642		3.94	109.0	6.71	7.16	0.11	0.05	0.09	0.100	0.06	37.5	26.4	0.48	707	12.25	0.01
E842643		5.42	100.5	6.37	6.45	0.19	0.06	0.05	0.068	0.07	103.5	38.6	0.67	730	7.48	0.02
E842644		1.90	63.6	5.31	8.14	0.08	0.02	0.03	0.042	0.04	28.0	10.1	0.18	176	4.21	0.01
E842645		4.38	99.5	5.54	5.37	0.16	0.05	0.04	0.061	0.05	74.4	28.7	0.46	518	6.04	0.03
E841743		3.98	70.4	4.29	6.94	0.19	0.09	0.04	0.063	0.07	81.8	68.8	0.67	933	1.71	0.01
E841744		3.95	30.3	3.12	5.03	0.11	0.06	0.05	0.049	0.08	37.0	37.7	0.74	1805	1.49	0.01
E841745		0.60	14.2	0.62	0.97	<0.05	0.02	0.28	0.012	0.03	5.8	0.5	0.03	27	0.64	<0.01
E841746		2.22	47.9	3.64	6.10	0.09	0.04	0.06	0.060	0.05	34.9	35.0	0.46	506	1.98	0.01
E841747		1.13	15.1	0.77	1.24	<0.05	<0.02	0.19	0.015	0.04	6.5	1.1	0.07	66	1.24	0.01
E841748		2.15	26.2	2.62	5.97	0.05	0.02	0.05	0.043	0.04	19.9	14.7	0.28	301	2.19	<0.01
E841749		2.48	30.5	3.90	6.12	0.07	0.03	0.08	0.057	0.06	23.3	32.3	0.46	967	2.63	0.01
E841750		2.35	40.8	3.43	5.07	0.07	0.03	0.07	0.052	0.06	44.1	27.9	0.40	416	3.56	0.01
E843001		2.70	55.2	3.73	5.73	0.10	0.04	0.05	0.064	0.05	56.2	32.6	0.37	311	2.52	0.01
E845928		2.53	135.0	6.51	4.43	0.12	0.14	0.12	0.137	0.12	19.9	17.4	0.90	4530	2.11	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842635		3.50	32.2	1590	124.0	42.9	<0.001	0.38	2.09	4.6	1.8	0.6	24.9	0.01	0.17	28.1
E842636		3.27	50.5	1040	99.9	51.0	<0.001	0.24	1.48	5.1	1.5	0.7	15.4	0.01	0.15	20.8
E842637		1.75	27.0	860	40.8	42.4	<0.001	0.22	0.83	3.6	1.7	0.6	15.4	0.01	0.14	10.1
E842638		1.39	27.3	710	32.9	37.0	<0.001	0.09	1.09	4.8	1.3	0.6	9.0	0.01	0.10	14.5
E842639		1.32	48.5	1220	61.3	22.0	<0.001	0.15	1.45	2.6	1.8	0.4	13.6	0.01	0.17	5.9
E842640		1.53	27.7	1170	112.0	16.8	0.001	0.09	2.77	3.7	1.8	0.5	16.0	0.01	0.30	16.4
E842641		1.71	10.9	780	87.7	11.9	<0.001	0.07	1.58	2.0	0.8	0.7	10.1	<0.01	0.19	11.1
E842642		0.72	28.1	1650	198.0	10.8	<0.001	0.13	2.46	2.4	1.8	0.5	16.7	0.01	0.21	7.8
E842643		1.16	46.6	1390	83.5	10.3	<0.001	0.13	3.59	2.8	1.7	0.4	42.7	0.01	0.13	18.8
E842644		1.48	17.3	680	34.9	7.2	<0.001	0.05	1.51	1.8	0.8	0.7	10.4	0.01	0.13	6.9
E842645		0.65	25.6	1330	65.4	8.1	<0.001	0.16	2.52	3.5	1.5	0.4	28.6	0.01	0.16	19.1
E841743		0.63	51.9	680	31.9	10.6	<0.001	0.05	1.74	3.3	1.6	0.4	33.9	0.02	0.10	14.5
E841744		0.66	26.0	900	18.5	22.3	<0.001	0.07	0.94	3.4	1.2	0.4	16.1	0.01	0.07	6.4
E841745		0.11	6.4	760	9.3	2.1	<0.001	0.16	0.34	1.2	1.0	0.2	12.2	0.01	0.01	1.1
E841746		0.69	24.8	710	21.9	10.1	<0.001	0.05	1.94	2.5	1.0	0.5	13.5	0.01	0.12	6.2
E841747		0.15	5.4	1050	10.9	3.6	<0.001	0.13	0.55	1.5	0.8	0.2	8.3	<0.01	0.02	0.8
E841748		0.73	15.3	440	21.9	8.0	<0.001	0.03	1.10	2.0	0.7	0.6	19.9	<0.01	0.09	4.1
E841749		0.82	19.3	540	38.9	15.7	<0.001	0.03	1.27	2.7	0.8	0.5	11.7	<0.01	0.14	7.7
E841750		1.14	19.9	500	23.7	10.6	<0.001	0.06	1.99	2.4	1.0	0.4	22.1	0.01	0.15	9.4
E843001		0.59	22.5	610	16.1	10.3	<0.001	0.06	3.12	2.3	1.0	0.4	34.7	0.01	0.09	14.6
E845928		0.26	37.8	590	59.4	17.0	<0.001	0.04	2.49	4.7	1.9	0.3	8.7	0.01	0.08	7.8

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 17-AUG-2007
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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842635		0.187	0.46	4.13	48	0.26	16.00	151	3.3
E842636		0.175	0.51	2.81	49	0.29	17.00	185	1.6
E842637		0.095	0.43	2.52	35	0.18	29.20	97	<0.5
E842638		0.096	0.41	2.12	52	0.19	12.25	112	0.8
E842639		0.055	0.15	7.52	38	0.17	17.95	66	<0.5
E842640		0.040	0.24	4.61	41	0.72	21.50	129	<0.5
E842641		0.027	0.14	1.43	47	0.28	4.79	83	<0.5
E842642		0.013	0.29	4.39	39	0.17	13.55	182	0.6
E842643		0.037	0.14	8.34	21	0.22	26.50	128	<0.5
E842644		0.029	0.13	1.57	39	0.27	6.44	100	<0.5
E842645		0.026	0.15	6.86	28	0.26	17.80	129	0.5
E841743		0.018	0.13	3.19	21	0.26	33.10	245	1.1
E841744		0.033	0.23	2.31	25	0.19	19.55	107	0.9
E841745		0.006	0.02	0.44	8	0.06	2.60	16	0.6
E841746		0.020	0.19	2.16	35	0.24	9.52	102	0.5
E841747		0.007	0.06	0.65	12	0.10	2.69	33	<0.5
E841748		0.023	0.17	1.04	38	0.23	5.00	75	<0.5
E841749		0.023	0.24	1.31	38	0.24	6.83	120	0.8
E841750		0.034	0.13	1.65	28	0.31	8.63	86	<0.5
E843001		0.012	0.12	1.81	25	0.17	11.55	88	0.6
E845928		0.012	0.14	4.73	18	1.01	21.30	169	4.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 7-SEP-2007
Account: EIAFRG

CERTIFICATE VA07087733

Project: Werneckes

P.O. No.: FRG07-01

This report is for 183 Sediment samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840079		0.58	0.019	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		0.44	0.022	0.51	2.79	573.0	<0.2	<10	90	2.65	7.29	0.05	0.49	117.00	16.1	33
E840081		0.50	<0.005	0.30	2.05	31.9	<0.2	<10	150	1.54	1.00	0.08	0.50	122.00	22.6	23
E840082		0.58	0.052	0.20	1.79	27.9	<0.2	<10	90	2.15	1.02	0.10	0.38	319.00	49.0	20
E840083		0.46	0.011	0.13	2.13	24.8	<0.2	<10	130	1.78	0.76	0.09	0.16	169.50	25.8	22
E840084		0.34	0.011	0.23	2.08	26.2	<0.2	<10	120	1.08	1.61	0.05	0.17	61.60	8.7	22
E840085		0.40	0.009	0.11	1.86	24.1	<0.2	<10	90	1.40	1.08	0.08	0.31	80.80	14.8	23
E840086		0.38	0.008	0.15	2.54	24.9	<0.2	<10	110	2.36	1.52	0.06	0.47	206.00	39.6	26
E840087		0.40	0.008	0.14	2.16	28.6	<0.2	<10	100	1.35	1.18	0.09	0.20	147.50	24.6	26
E840088		0.48	0.006	0.13	2.32	25.2	<0.2	<10	320	1.15	0.91	0.21	0.39	402.00	54.4	24
E840089		0.38	0.014	0.05	1.26	14.4	<0.2	<10	90	0.59	0.39	0.22	0.25	55.00	13.2	22
E840090		0.48	0.006	0.10	1.67	19.2	<0.2	<10	90	0.85	0.61	0.18	0.32	68.80	21.5	25
E840091		0.48	<0.005	0.12	2.12	22.0	<0.2	<10	90	1.12	0.98	0.10	0.21	77.30	24.8	24
E840092		0.30	0.005	0.09	2.35	17.8	<0.2	<10	90	0.80	0.65	0.06	0.16	47.20	11.6	25
E840093		0.42	<0.005	0.14	2.41	26.3	<0.2	<10	130	1.56	1.31	0.09	0.28	123.50	26.5	27
E840094		0.46	0.007	0.21	2.65	21.8	<0.2	<10	120	1.84	1.21	0.09	0.29	133.50	28.6	27
E840095		0.44	0.039	0.13	2.42	17.2	<0.2	<10	130	2.20	0.97	0.12	0.20	244.00	48.6	27
E840096		0.46	0.006	0.09	2.33	10.0	<0.2	<10	90	1.25	0.58	0.15	0.11	103.50	25.9	26
E840097		0.46	<0.005	0.25	1.69	14.1	<0.2	<10	100	1.05	1.08	0.07	0.18	115.00	19.7	19
E840098		0.42	0.007	0.07	1.89	16.8	<0.2	<10	60	0.64	0.63	0.05	0.12	42.20	8.4	22
E840099		0.40	<0.005	0.15	2.33	30.0	<0.2	<10	90	1.66	2.82	0.07	0.14	117.50	21.8	29
E840100		0.46	<0.005	0.10	2.20	16.7	<0.2	<10	110	1.85	0.85	0.17	0.25	176.50	47.6	25
E841720		0.40	0.012	0.39	2.05	63.9	<0.2	<10	140	1.76	2.69	0.12	0.12	155.50	34.6	26
E841721		0.28	<0.005	0.20	1.18	16.9	<0.2	<10	60	0.42	0.78	0.07	0.16	36.10	10.2	19
E841722		0.26	<0.005	0.11	1.35	11.9	<0.2	<10	160	0.52	0.58	0.59	0.11	51.50	15.5	19
E841723		0.52	<0.005	0.11	2.16	23.5	<0.2	<10	110	0.92	1.19	0.14	0.34	133.50	24.1	25
E841724		0.42	0.006	0.05	2.34	19.7	<0.2	<10	150	0.86	1.12	0.11	0.18	170.00	14.1	26
E841725		0.48	0.012	0.25	2.29	67.0	<0.2	<10	230	1.23	3.64	0.22	0.09	201.00	27.4	26
E841726		0.32	<0.005	0.20	1.74	13.9	<0.2	<10	100	0.66	0.75	0.07	0.13	34.00	11.2	23
E841727		0.22	0.007	0.14	1.40	12.9	<0.2	<10	140	0.77	0.57	0.12	0.22	71.00	21.1	21
E841728		0.26	<0.005	0.12	1.27	10.9	<0.2	<10	130	0.52	0.42	0.31	0.30	38.40	9.0	20
E841729		0.24	<0.005	0.22	1.32	13.4	<0.2	<10	140	0.60	0.50	0.21	0.30	37.00	9.6	21
E841730		0.40	<0.005	0.07	1.34	13.2	<0.2	<10	70	0.53	0.58	0.10	0.12	34.20	11.7	21
E841731		0.18	0.008	0.14	1.34	11.2	<0.2	<10	200	0.78	0.65	0.27	0.50	127.00	33.6	13
E841732		0.26	0.009	0.06	0.95	15.5	<0.2	<10	50	0.37	0.79	0.05	0.07	31.00	7.4	15
E841733		0.20	0.006	0.18	1.44	13.7	<0.2	<10	180	0.82	0.61	0.39	0.30	125.50	20.4	21
E841734		0.34	<0.005	0.13	1.16	13.8	<0.2	<10	60	0.50	0.84	0.10	0.13	42.00	7.4	18
E841735		0.38	0.010	0.06	1.37	18.6	<0.2	<10	110	0.64	0.79	0.18	0.18	41.90	11.7	22
E841736		0.14	0.015	0.14	0.87	11.0	<0.2	<10	100	0.49	0.31	1.70	0.24	39.90	8.0	12
E841737		0.44	0.013	0.06	0.94	13.6	<0.2	<10	90	0.53	0.51	0.57	0.07	36.50	8.9	15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840079		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		4.78	425.0	20.50	7.04	0.35	0.16	0.07	0.471	0.04	66.9	17.5	0.23	308	17.05	<0.01
E840081		1.60	68.5	4.59	5.13	0.11	0.11	0.06	0.052	0.06	52.2	39.0	0.59	660	2.97	0.02
E840082		1.73	98.7	4.53	5.28	0.21	0.14	0.03	0.050	0.04	91.1	37.5	0.58	773	3.11	0.01
E840083		2.45	88.1	4.86	4.19	0.11	0.08	0.03	0.038	0.04	54.6	30.9	0.52	629	2.31	<0.01
E840084		3.36	51.1	5.17	7.05	0.07	0.06	0.07	0.055	0.05	35.0	54.2	0.41	667	4.52	0.01
E840085		4.67	57.0	4.26	5.12	0.09	0.09	0.04	0.064	0.04	38.0	47.4	0.39	521	2.73	0.01
E840086		6.92	109.0	4.92	5.54	0.13	0.18	0.05	0.046	0.06	67.0	67.9	0.50	729	3.82	0.02
E840087		2.55	80.8	4.73	5.34	0.11	0.10	0.05	0.058	0.04	62.8	40.3	0.45	548	2.57	0.01
E840088		3.57	111.0	4.98	5.46	0.32	0.28	0.06	0.049	0.05	166.5	35.6	0.50	1030	2.19	0.02
E840089		0.98	42.5	2.90	3.42	0.08	0.07	0.03	0.026	0.04	26.5	17.1	0.41	456	1.33	<0.01
E840090		1.82	51.0	3.57	4.52	0.10	0.10	0.04	0.039	0.05	34.5	26.6	0.48	673	2.19	0.01
E840091		2.08	63.9	4.53	4.85	0.10	0.11	0.05	0.051	0.05	36.7	34.0	0.55	783	2.72	0.02
E840092		2.12	34.0	4.05	6.56	0.07	0.10	0.05	0.046	0.04	23.9	30.1	0.36	460	2.33	<0.01
E840093		3.40	77.4	4.93	6.01	0.13	0.11	0.06	0.061	0.06	59.9	41.7	0.60	806	3.36	0.02
E840094		3.54	75.8	5.03	5.92	0.12	0.11	0.05	0.068	0.05	65.0	54.7	0.62	845	2.39	0.02
E840095		3.89	74.2	4.80	6.69	0.14	0.12	0.02	0.048	0.08	91.6	79.2	0.68	953	1.74	0.01
E840096		2.73	42.3	4.66	5.94	0.12	0.07	0.01	0.028	0.08	52.2	75.4	0.74	868	1.00	0.01
E840097		2.71	60.9	3.68	6.05	0.09	0.07	0.05	0.053	0.06	66.6	23.8	0.26	810	2.29	0.01
E840098		1.91	30.2	3.81	6.83	0.07	0.05	0.07	0.036	0.04	20.9	23.5	0.23	235	2.03	<0.01
E840099		4.63	108.0	5.99	6.84	0.12	0.08	0.07	0.085	0.05	68.5	49.5	0.44	755	6.11	0.02
E840100		3.19	64.4	4.59	6.26	0.15	0.11	0.02	0.056	0.07	70.5	71.3	0.70	983	1.50	0.01
E841720		5.09	204.0	6.08	5.67	0.16	0.12	0.04	0.102	0.06	66.4	41.9	0.43	637	4.42	<0.01
E841721		1.48	38.5	3.37	4.63	0.06	0.03	0.03	0.032	0.04	21.9	21.0	0.38	361	1.79	<0.01
E841722		1.18	30.8	2.78	4.41	0.07	0.05	0.04	0.032	0.06	29.2	26.0	0.55	608	1.30	<0.01
E841723		3.50	68.7	4.60	5.76	0.10	0.08	0.08	0.068	0.05	56.5	40.4	0.38	758	2.52	0.01
E841724		5.87	57.2	4.69	6.67	0.09	0.08	0.05	0.042	0.05	71.6	62.1	0.48	700	1.58	<0.01
E841725		5.46	220.0	7.89	5.91	0.25	0.16	0.03	0.117	0.07	130.0	38.8	0.50	621	2.91	0.03
E841726		2.81	29.2	3.41	5.62	0.06	0.07	0.05	0.044	0.05	20.8	30.4	0.39	319	1.76	<0.01
E841727		2.29	55.5	2.85	4.44	0.11	0.06	0.04	0.036	0.05	45.9	25.1	0.47	463	1.55	<0.01
E841728		2.02	23.8	2.66	4.20	0.07	0.03	0.03	0.032	0.07	21.9	23.1	0.52	434	1.19	<0.01
E841729		2.59	26.9	3.02	4.39	0.06	0.02	0.04	0.038	0.08	19.2	25.1	0.51	726	1.52	0.01
E841730		1.83	30.5	3.12	4.45	0.07	0.05	0.04	0.033	0.06	20.4	26.1	0.49	576	1.48	<0.01
E841731		1.93	41.4	2.94	4.17	0.11	0.05	0.07	0.043	0.05	56.2	13.7	0.25	2550	1.99	<0.01
E841732		2.05	32.2	2.89	5.00	0.05	0.02	0.05	0.027	0.04	18.1	13.0	0.25	281	1.93	<0.01
E841733		2.27	39.0	2.79	4.84	0.15	0.08	0.05	0.036	0.05	80.2	25.3	0.43	634	1.66	0.01
E841734		2.18	28.9	2.94	4.49	0.09	0.02	0.06	0.030	0.06	25.6	24.4	0.40	378	1.44	<0.01
E841735		3.12	30.9	3.09	4.89	0.09	0.03	0.02	0.046	0.06	25.1	32.4	0.58	591	1.35	<0.01
E841736		1.93	29.8	1.83	2.60	0.11	0.05	0.06	0.026	0.04	27.7	18.8	0.55	847	0.93	0.01
E841737		2.05	16.5	3.05	4.60	0.10	0.02	0.02	0.032	0.05	15.4	24.7	0.43	580	1.27	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840079		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		2.08	56.5	3050	87.1	4.8	0.001	0.45	12.00	5.6	6.7	0.6	80.2	0.06	0.93	119.0
E840081		0.98	44.8	760	27.2	7.8	<0.001	0.10	1.56	3.1	1.3	0.4	23.0	0.02	0.13	17.1
E840082		0.58	79.4	700	35.1	4.9	0.001	0.07	2.03	3.0	1.6	0.3	27.9	0.02	0.11	19.8
E840083		0.60	55.1	830	20.1	5.6	<0.001	0.07	1.40	2.2	1.1	0.3	22.8	0.01	0.10	11.8
E840084		1.30	23.9	780	22.7	12.6	<0.001	0.08	2.26	2.2	1.1	0.7	19.9	0.01	0.18	14.1
E840085		0.89	35.8	750	16.9	9.0	<0.001	0.06	1.99	2.4	1.0	0.4	16.9	0.01	0.11	14.4
E840086		0.99	81.9	810	19.1	10.1	0.001	0.13	2.75	3.2	1.6	0.4	21.3	0.02	0.13	27.4
E840087		0.97	49.6	720	30.0	9.1	<0.001	0.08	1.82	3.2	1.3	0.4	31.5	0.01	0.11	16.2
E840088		0.85	119.5	1010	49.5	6.4	0.001	0.08	1.76	4.1	2.8	0.3	90.5	0.03	0.09	21.8
E840089		0.72	31.7	890	14.9	5.9	<0.001	0.02	0.97	3.2	0.8	0.3	16.9	0.01	0.05	8.0
E840090		1.00	40.4	990	21.4	8.6	<0.001	0.05	1.20	2.9	1.1	0.4	20.5	0.01	0.08	8.6
E840091		1.00	40.5	890	28.1	8.1	<0.001	0.09	1.64	2.6	1.2	0.4	21.0	0.01	0.12	12.4
E840092		1.32	24.2	570	27.4	10.3	<0.001	0.03	1.09	2.8	0.9	0.6	12.5	0.01	0.09	7.3
E840093		1.04	47.2	880	35.0	10.9	<0.001	0.09	1.65	3.1	1.4	0.5	27.4	0.02	0.15	13.3
E840094		0.69	40.6	990	39.9	8.2	<0.001	0.12	1.94	2.9	1.5	0.3	23.7	0.02	0.17	17.4
E840095		0.66	63.7	630	18.4	9.1	<0.001	0.07	1.48	3.2	1.1	0.3	34.2	0.02	0.11	22.2
E840096		0.35	34.8	530	8.6	8.0	<0.001	0.04	1.00	2.5	0.7	0.3	27.0	0.01	0.06	18.5
E840097		0.70	23.0	880	21.4	13.8	<0.001	0.10	1.42	2.1	1.2	0.4	20.9	0.01	0.14	9.7
E840098		1.30	18.3	510	20.7	7.6	<0.001	0.03	1.07	2.4	0.8	0.6	8.9	0.01	0.09	5.6
E840099		0.66	38.1	1340	29.3	11.9	<0.001	0.14	4.17	2.8	2.0	0.5	27.9	0.01	0.29	21.7
E840100		0.47	58.2	590	19.7	7.5	<0.001	0.04	1.51	3.1	1.0	0.3	32.7	0.02	0.09	20.5
E841720		1.02	64.1	1030	49.7	9.3	<0.001	0.10	3.15	3.6	2.2	0.4	46.1	0.02	0.21	21.4
E841721		0.90	25.6	540	18.7	8.4	<0.001	0.03	1.18	2.1	0.6	0.3	12.2	<0.01	0.10	8.5
E841722		0.68	21.5	850	17.4	7.7	<0.001	0.07	0.73	2.4	0.8	0.3	20.7	0.01	0.07	6.0
E841723		0.78	43.7	1220	31.6	10.0	<0.001	0.10	1.83	2.4	1.3	0.4	29.7	0.01	0.14	9.7
E841724		1.09	42.5	620	22.2	11.9	<0.001	0.06	0.89	2.6	0.7	0.5	41.5	0.01	0.11	13.0
E841725		1.54	52.8	1240	78.2	6.6	0.001	0.23	4.03	5.9	3.3	0.4	109.5	0.03	0.48	69.9
E841726		1.20	23.8	340	20.4	13.3	<0.001	0.02	0.72	2.7	0.6	0.5	12.2	<0.01	0.09	8.6
E841727		0.85	44.8	620	16.6	12.3	<0.001	0.05	0.86	2.9	1.0	0.3	14.1	0.01	0.07	4.7
E841728		0.82	21.3	660	12.9	15.7	<0.001	0.04	0.65	2.4	0.6	0.3	13.7	0.01	0.06	3.8
E841729		0.79	23.9	810	15.3	18.0	<0.001	0.05	0.79	2.3	0.6	0.4	11.6	<0.01	0.07	3.1
E841730		0.98	25.2	560	14.4	11.8	<0.001	0.02	0.87	2.3	0.5	0.3	11.3	<0.01	0.07	8.1
E841731		0.50	23.0	1110	36.3	14.4	<0.001	0.10	0.76	1.9	1.2	0.3	16.1	0.01	0.07	2.1
E841732		0.84	18.3	550	17.8	9.3	<0.001	0.03	0.91	1.7	0.6	0.4	8.0	<0.01	0.09	3.7
E841733		0.78	27.1	820	20.2	9.7	<0.001	0.07	0.90	2.6	1.3	0.3	29.5	0.01	0.08	5.2
E841734		0.87	21.2	600	14.2	12.7	<0.001	0.03	0.90	2.1	0.6	0.3	11.8	<0.01	0.10	7.3
E841735		0.89	25.7	550	17.2	18.3	<0.001	0.02	0.92	3.0	0.5	0.4	13.3	<0.01	0.08	7.9
E841736		0.60	18.9	970	12.0	12.9	<0.001	0.14	0.68	1.9	1.2	0.2	22.9	0.01	0.05	2.6
E841737		1.01	17.7	500	14.5	20.7	<0.001	0.03	0.72	1.9	0.6	0.3	10.8	<0.01	0.07	4.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840079		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		0.081	0.20	12.85	27	0.55	19.35	234	5.9
E840081		0.033	0.13	3.45	28	0.49	21.20	167	1.8
E840082		0.029	0.10	3.71	21	0.65	42.10	278	1.9
E840083		0.025	0.10	2.40	28	0.34	21.10	194	1.1
E840084		0.022	0.20	2.14	36	0.38	8.19	113	1.1
E840085		0.027	0.12	2.16	35	0.30	12.10	157	1.8
E840086		0.026	0.18	3.88	32	0.27	24.00	165	3.5
E840087		0.029	0.15	2.60	39	0.49	15.85	179	1.5
E840088		0.024	0.18	5.88	32	0.46	88.00	300	2.4
E840089		0.049	0.09	2.00	39	0.42	11.65	87	1.5
E840090		0.039	0.12	2.03	38	0.40	12.85	155	1.7
E840091		0.033	0.12	2.18	32	0.52	12.00	188	2.0
E840092		0.029	0.19	1.31	52	0.31	6.94	127	2.2
E840093		0.029	0.15	2.84	34	0.49	20.70	214	1.7
E840094		0.018	0.12	3.18	24	0.46	16.65	232	1.7
E840095		0.016	0.11	3.80	19	0.28	30.00	241	1.6
E840096		0.018	0.09	2.74	17	0.10	22.90	127	1.1
E840097		0.015	0.16	2.87	27	0.26	14.70	120	1.1
E840098		0.033	0.13	1.12	55	0.30	4.89	82	1.2
E840099		0.023	0.19	4.88	40	0.25	12.35	130	1.4
E840100		0.025	0.09	3.42	21	0.57	30.80	309	1.8
E841720		0.021	0.19	4.77	29	0.33	23.10	240	1.6
E841721		0.022	0.10	1.14	29	0.27	6.13	95	0.8
E841722		0.015	0.11	1.87	23	0.18	10.40	76	0.8
E841723		0.018	0.18	2.37	38	0.37	11.55	177	1.2
E841724		0.008	0.19	2.27	28	0.13	11.25	194	1.5
E841725		0.018	0.22	5.70	22	0.25	38.30	268	1.8
E841726		0.036	0.16	1.38	43	0.34	4.45	112	1.7
E841727		0.036	0.14	2.12	33	0.27	17.35	123	0.6
E841728		0.034	0.14	1.28	30	0.21	7.42	88	<0.5
E841729		0.034	0.13	1.24	31	0.35	6.10	98	<0.5
E841730		0.033	0.10	1.08	29	0.27	5.75	87	1.1
E841731		0.014	0.20	1.96	27	0.16	18.25	67	0.5
E841732		0.024	0.14	0.98	36	0.25	4.39	64	<0.5
E841733		0.022	0.12	2.48	28	0.29	25.60	106	0.7
E841734		0.027	0.12	1.21	27	0.20	5.27	73	0.5
E841735		0.033	0.15	1.23	29	0.20	7.25	99	0.7
E841736		0.021	0.13	2.16	14	0.10	16.15	63	1.0
E841737		0.040	0.11	0.98	26	0.22	6.10	55	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841738		0.38	<0.005	0.08	1.11	13.2	<0.2	<10	90	0.53	0.41	0.64	0.15	42.60	10.2	18
E841739		0.34	0.007	0.11	1.03	13.2	<0.2	<10	90	0.48	0.36	0.99	0.17	35.00	9.5	16
E841740		0.20	0.009	0.18	1.54	17.3	<0.2	<10	130	1.30	0.73	0.80	0.35	85.70	22.7	19
E841741		0.38	0.011	0.09	1.22	14.8	<0.2	<10	70	0.59	0.49	0.38	0.12	45.50	11.1	19
E841742		0.34	0.010	0.14	1.22	16.7	<0.2	<10	90	0.64	0.45	0.96	0.18	43.90	11.5	18
E842466		0.20	0.014	0.98	1.78	109.0	<0.2	<10	40	1.00	13.75	8.02	0.12	21.60	24.9	19
E842467		0.30	0.007	0.49	2.18	26.3	<0.2	<10	150	1.80	3.07	5.02	0.12	66.80	20.8	24
E842468		0.54	<0.005	0.04	1.61	8.2	<0.2	<10	100	0.88	0.53	0.20	0.05	73.70	13.9	24
E842469		0.28	0.009	0.11	1.73	13.6	<0.2	<10	130	1.68	0.59	0.41	0.09	84.20	16.5	27
E842470		0.26	0.011	0.23	1.83	18.5	<0.2	<10	240	1.33	0.89	0.84	0.32	39.20	19.9	26
E842471		0.34	<0.005	0.08	1.89	14.7	<0.2	<10	160	2.21	0.57	0.56	0.17	289.00	13.9	27
E842472		0.34	<0.005	0.04	1.16	4.9	<0.2	<10	40	0.38	0.37	0.04	0.04	51.30	8.4	24
E842473		0.32	<0.005	0.03	1.57	6.3	<0.2	<10	50	0.74	0.33	0.10	0.05	87.80	12.4	26
E842474		0.30	0.014	0.18	1.55	19.5	<0.2	<10	120	0.75	0.95	0.67	0.17	40.50	17.1	24
E842475		0.38	<0.005	0.43	1.16	42.3	<0.2	<10	120	1.27	2.81	2.26	0.27	30.90	24.2	16
E842476		0.26	<0.005	0.30	1.19	27.8	<0.2	<10	160	1.18	2.25	1.01	0.29	26.50	15.2	14
E842477		0.38	0.005	0.22	0.96	36.6	<0.2	<10	90	0.80	2.21	6.85	0.15	27.80	20.8	12
E842478		0.46	0.018	1.19	1.59	1165.0	<0.2	<10	120	1.47	6.27	0.46	0.04	36.30	154.5	21
E842479		0.20	<0.005	4.63	1.35	853.0	<0.2	<10	250	1.32	144.00	1.85	0.21	139.00	83.6	11
E842480		0.32	0.007	0.31	1.37	45.3	<0.2	<10	210	1.02	2.78	1.13	0.32	32.60	35.4	18
E842481		0.32	0.006	0.59	1.25	64.6	<0.2	<10	110	1.00	3.28	3.28	0.27	29.30	32.9	18
E842482		0.36	0.006	1.59	1.56	69.6	<0.2	<10	120	1.37	1.84	0.77	0.18	98.80	27.4	20
E842483		0.32	0.017	1.57	1.54	75.8	0.2	<10	130	1.33	1.77	0.81	0.20	107.00	26.0	19
E842484		0.22	<0.005	0.70	1.53	150.0	<0.2	<10	190	1.59	1.49	1.05	1.87	71.70	58.8	21
E842485		0.28	0.006	0.11	1.73	73.5	<0.2	<10	70	0.81	1.44	0.07	0.12	44.00	18.1	24
E842486		0.38	<0.005	0.16	2.06	88.4	<0.2	<10	50	1.67	1.70	0.05	0.07	163.50	40.4	31
E842487		0.54	0.533	3.93	1.65	1050.0	0.3	<10	90	1.10	10.45	0.34	0.22	54.20	231.0	27
E842488		0.30	<0.005	0.28	2.36	283.0	<0.2	<10	110	1.18	1.81	0.11	0.38	49.60	28.3	27
E842489		0.24	<0.005	0.75	1.19	38.5	<0.2	<10	150	0.68	0.71	1.08	1.42	27.10	10.5	14
E842490		0.24	<0.005	0.12	1.20	17.9	<0.2	<10	70	0.37	0.51	0.05	0.16	33.60	5.4	16
E842491		0.40	<0.005	0.12	1.19	27.0	<0.2	<10	120	0.60	0.70	0.58	0.29	32.60	9.9	18
E842492		0.50	<0.005	0.25	1.45	80.3	<0.2	<10	140	0.89	1.60	0.58	0.27	37.10	18.0	19
E842493		0.30	<0.005	0.18	1.01	80.3	<0.2	<10	530	0.69	2.37	1.05	0.21	60.10	20.0	17
E842494		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.08	0.1	<1
E842495		0.38	0.011	0.06	1.61	3.4	<0.2	<10	130	1.38	0.46	0.10	0.03	218.00	30.4	22
E842496		0.64	0.010	0.20	1.66	127.0	<0.2	<10	120	2.05	3.17	0.15	0.05	128.00	43.4	19
E842497		0.58	<0.005	0.07	1.47	20.2	<0.2	<10	50	0.57	0.73	0.05	0.09	37.80	12.3	21
E842498		0.66	<0.005	0.06	1.39	9.9	<0.2	<10	40	0.62	0.97	0.13	0.10	48.10	14.3	22
E842499		0.26	<0.005	0.06	1.81	7.4	<0.2	<10	60	0.78	0.46	0.04	0.07	38.70	10.8	21
E842500		0.48	<0.005	0.03	0.82	6.3	<0.2	<10	30	0.17	0.48	0.02	0.02	70.20	5.3	14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841738	1.95	23.1	2.62	3.56	0.11	0.04	0.03	0.034	0.05	21.1	24.8	0.66	871	1.02	<0.01
E841739	2.50	25.9	2.42	3.31	0.09	0.04	0.03	0.029	0.06	18.7	23.5	0.71	849	0.96	0.01
E841740	3.15	50.3	3.15	4.39	0.14	0.07	0.05	0.051	0.06	52.6	37.1	0.62	994	1.48	0.01
E841741	2.71	22.0	2.87	4.02	0.11	0.04	0.03	0.036	0.06	22.1	30.3	0.72	804	1.03	<0.01
E841742	3.21	36.2	2.76	3.79	0.12	0.06	0.04	0.039	0.07	25.8	26.8	0.81	1080	1.01	0.01
E842466	1.13	194.0	7.92	5.16	0.52	0.08	0.08	0.213	0.04	10.9	48.4	6.63	3920	2.38	0.01
E842467	3.01	71.2	6.48	5.98	0.17	0.08	0.06	0.220	0.06	46.3	64.2	4.52	4690	1.39	0.01
E842468	2.66	15.1	3.57	5.47	0.10	0.04	0.03	0.059	0.05	32.9	38.0	0.74	1035	0.72	<0.01
E842469	2.49	42.1	4.67	5.01	0.14	0.07	0.04	0.089	0.05	51.5	31.1	0.97	1780	0.85	0.01
E842470	1.62	93.9	6.18	5.62	0.16	0.08	0.09	0.154	0.06	36.5	19.9	1.00	4480	1.34	0.01
E842471	4.66	144.0	3.36	5.39	0.17	0.08	0.05	0.059	0.06	89.7	43.6	0.62	1100	1.06	<0.01
E842472	4.42	5.9	2.59	4.77	0.08	0.02	0.03	0.016	0.04	25.1	32.3	0.47	213	0.44	<0.01
E842473	2.87	34.4	3.08	4.84	0.10	0.04	0.03	0.023	0.04	39.9	42.4	0.60	365	0.57	<0.01
E842474	1.49	50.7	4.68	4.99	0.15	0.07	0.05	0.082	0.07	22.8	24.8	1.24	1820	1.45	0.01
E842475	1.16	126.5	5.71	3.28	0.12	0.07	0.09	0.219	0.05	16.5	18.3	1.63	4660	2.22	0.01
E842476	1.07	65.4	7.53	3.67	0.11	0.07	0.11	0.333	0.04	14.2	13.1	0.52	4990	1.83	<0.01
E842477	1.02	141.0	4.26	2.62	0.10	0.06	0.06	0.126	0.06	14.0	19.3	4.46	3050	1.69	0.01
E842478	2.28	673.0	6.77	3.78	0.11	0.12	0.07	0.227	0.07	20.4	40.5	0.77	4770	2.97	<0.01
E842479	1.93	1700.0	6.64	3.19	0.18	0.14	0.09	0.349	0.06	71.9	45.7	0.79	7910	2.81	0.01
E842480	0.77	230.0	6.14	3.99	0.11	0.08	0.11	0.425	0.04	17.0	16.8	1.11	7280	2.19	0.01
E842481	0.86	99.6	5.73	3.68	0.13	0.09	0.12	0.255	0.05	15.4	20.0	2.46	3630	3.19	0.01
E842482	1.97	79.6	3.71	3.94	0.14	0.11	0.12	0.158	0.07	64.7	42.3	0.88	2660	1.76	<0.01
E842483	1.83	78.6	3.71	3.92	0.15	0.12	0.13	0.165	0.07	69.0	40.6	0.84	2840	1.71	<0.01
E842484	2.61	167.5	8.40	4.60	0.18	0.11	0.15	0.168	0.06	39.1	17.0	0.65	8990	1.46	0.01
E842485	3.72	101.0	4.35	6.89	0.08	0.04	0.04	0.063	0.05	22.9	27.0	0.34	682	2.62	<0.01
E842486	3.97	229.0	5.53	7.02	0.16	0.05	0.04	0.064	0.04	82.3	44.2	0.57	917	2.53	<0.01
E842487	2.40	4690.0	6.35	5.08	0.13	0.06	0.03	0.632	0.07	33.7	37.4	0.92	2100	2.53	0.01
E842488	3.03	103.0	5.09	6.03	0.10	0.05	0.07	0.075	0.06	23.8	34.0	0.51	1495	3.07	<0.01
E842489	4.95	58.3	3.04	3.13	0.08	0.07	0.11	0.175	0.08	16.3	31.0	0.89	2040	1.70	0.01
E842490	3.38	17.9	2.70	4.46	0.06	<0.02	0.03	0.034	0.05	17.2	20.7	0.37	484	1.49	<0.01
E842491	2.22	33.3	2.88	3.64	0.07	0.04	0.03	0.046	0.05	15.9	26.9	0.68	1180	2.04	<0.01
E842492	1.49	143.5	5.53	4.02	0.10	0.08	0.04	0.090	0.05	21.9	28.7	0.70	3880	3.40	<0.01
E842493	0.65	215.0	3.19	3.79	0.11	0.05	0.09	0.150	0.05	32.5	14.5	0.36	8030	0.66	0.01
E842494	<0.05	0.9	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	<0.1	<0.01	19	0.08	<0.01
E842495	3.06	39.4	2.93	5.35	0.16	0.03	0.03	0.019	0.07	64.3	48.3	0.85	791	0.85	<0.01
E842496	4.44	1430.0	3.48	4.63	0.20	0.04	0.03	0.075	0.06	66.5	39.0	0.72	1110	7.98	<0.01
E842497	2.80	32.5	3.29	5.97	0.07	0.02	0.04	0.029	0.05	18.8	22.0	0.32	621	2.19	<0.01
E842498	2.82	29.3	3.71	5.29	0.09	0.03	0.03	0.018	0.05	24.4	26.7	0.47	652	2.97	<0.01
E842499	3.33	37.3	3.36	6.38	0.08	0.03	0.04	0.022	0.06	19.1	32.2	0.45	469	1.42	<0.01
E842500	1.62	17.3	2.73	7.52	0.09	<0.02	0.02	0.010	0.03	35.7	6.0	0.17	157	1.96	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841738		0.68	22.4	600	14.1	15.5	<0.001	0.05	0.68	2.8	0.7	0.3	13.2	<0.01	0.06	4.8
E841739		0.79	22.1	630	13.7	15.4	<0.001	0.06	0.65	2.6	0.8	0.2	15.5	<0.01	0.05	4.6
E841740		0.69	37.5	900	18.0	19.4	<0.001	0.08	1.16	3.2	1.7	0.3	22.4	0.01	0.09	6.4
E841741		0.83	24.5	460	14.6	16.5	<0.001	0.03	0.65	3.4	0.6	0.3	10.4	<0.01	0.07	8.2
E841742		0.85	26.7	660	16.3	20.5	<0.001	0.06	0.76	3.5	1.0	0.3	16.4	0.01	0.06	5.8
E842466		0.20	38.6	1220	146.5	6.0	<0.001	0.28	7.27	4.9	1.2	<0.2	29.5	0.01	0.13	3.9
E842467		0.14	42.4	680	40.5	10.9	<0.001	0.05	2.13	4.8	0.9	0.2	18.6	0.01	0.09	16.2
E842468		0.43	30.3	540	9.3	12.9	<0.001	0.02	0.50	3.6	0.5	0.4	7.9	<0.01	0.06	12.2
E842469		0.48	35.8	730	13.1	13.0	<0.001	0.03	0.63	5.8	0.8	0.4	10.3	0.01	0.06	15.7
E842470		0.48	29.1	1030	16.6	15.9	<0.001	0.08	0.92	5.5	1.6	0.4	11.7	0.01	0.10	4.2
E842471		0.43	30.9	1410	13.5	18.3	<0.001	0.07	0.83	3.5	1.3	0.4	12.2	0.01	0.07	10.3
E842472		0.34	27.3	400	7.7	13.6	<0.001	0.01	0.41	2.0	0.3	0.4	5.7	<0.01	0.06	9.6
E842473		0.44	32.5	570	7.3	9.3	<0.001	0.01	0.63	2.9	0.4	0.3	6.9	<0.01	0.04	20.8
E842474		0.57	36.0	650	16.0	15.8	<0.001	0.03	0.99	6.0	0.8	0.4	10.9	<0.01	0.07	6.1
E842475		0.38	45.7	640	23.7	8.2	<0.001	0.06	2.00	4.3	1.2	0.2	13.8	0.01	0.07	4.0
E842476		0.38	26.3	1010	24.1	10.2	<0.001	0.07	1.33	4.1	1.2	0.3	12.5	0.01	0.08	2.5
E842477		0.33	33.3	740	16.8	7.5	<0.001	0.05	1.43	3.6	0.8	0.2	19.3	<0.01	0.05	5.6
E842478		0.13	107.5	770	12.1	9.0	<0.001	0.06	2.04	7.8	1.4	<0.2	10.4	0.01	0.21	14.7
E842479		0.12	89.5	1360	31.7	9.1	<0.001	0.26	8.44	3.4	2.0	0.2	30.0	0.02	0.20	5.9
E842480		0.42	38.2	620	17.0	7.3	<0.001	0.05	1.47	5.7	1.2	0.3	12.7	0.01	0.06	3.0
E842481		0.50	42.6	820	31.3	7.4	<0.001	0.08	2.65	5.0	1.1	0.3	20.3	0.01	0.06	6.3
E842482		0.24	44.4	880	24.0	11.2	<0.001	0.07	6.28	4.1	1.6	0.2	17.2	0.02	0.08	5.8
E842483		0.24	43.5	940	23.5	11.1	<0.001	0.07	5.51	4.0	1.7	0.2	17.4	0.02	0.08	5.7
E842484		0.30	63.2	1350	202.0	12.0	<0.001	0.11	3.98	5.0	2.4	0.3	16.2	0.02	0.12	4.3
E842485		1.11	23.4	570	22.7	14.4	<0.001	0.03	1.62	2.7	0.8	0.6	7.7	<0.01	0.10	6.3
E842486		0.64	37.8	900	14.4	11.3	<0.001	0.03	1.41	2.8	0.9	0.3	6.5	0.01	0.14	15.7
E842487		0.31	139.0	980	22.2	10.1	<0.001	0.28	3.02	7.3	1.9	0.3	10.1	0.01	0.89	17.1
E842488		1.07	40.3	680	39.6	19.4	<0.001	0.03	2.88	4.0	1.0	0.5	9.7	0.01	0.18	8.0
E842489		0.42	26.6	920	120.5	20.5	<0.001	0.10	3.10	2.9	1.5	0.2	19.3	0.01	0.13	2.3
E842490		0.77	12.3	430	29.8	14.4	<0.001	0.03	0.90	1.8	0.6	0.4	7.1	<0.01	0.07	2.0
E842491		0.45	21.8	920	25.4	11.9	<0.001	0.06	1.37	2.5	0.8	0.3	14.1	<0.01	0.11	2.6
E842492		0.39	34.5	980	22.5	11.4	<0.001	0.06	2.18	4.9	1.5	0.3	13.5	0.01	0.17	5.8
E842493		0.10	23.1	840	9.4	4.9	<0.001	0.09	0.97	7.3	1.8	0.2	9.0	0.01	0.04	3.1
E842494		<0.05	0.3	10	0.4	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.5	<0.01	<0.01	0.3
E842495		0.14	37.8	640	3.2	10.2	<0.001	0.02	0.34	2.0	0.6	0.3	2.9	<0.01	0.17	21.2
E842496		0.32	41.8	850	8.1	8.4	<0.001	0.04	3.28	2.7	1.2	0.2	5.1	<0.01	0.23	19.4
E842497		0.64	16.5	780	12.2	11.2	<0.001	0.04	0.86	1.4	0.7	0.4	5.4	<0.01	0.16	5.1
E842498		0.60	21.9	1000	10.2	9.1	<0.001	0.02	0.70	1.7	0.7	0.3	7.0	<0.01	0.15	10.2
E842499		0.53	19.2	780	9.2	13.8	<0.001	0.02	0.51	1.6	0.7	0.4	4.0	<0.01	0.13	10.5
E842500		0.47	8.5	410	7.2	9.2	<0.001	0.01	0.55	1.1	0.4	0.5	2.8	<0.01	0.07	6.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841738		0.033	0.13	1.80	22	0.14	10.25	77	0.8
E841739		0.036	0.15	1.59	20	0.13	9.03	75	1.0
E841740		0.026	0.16	3.42	23	0.20	24.30	157	1.1
E841741		0.040	0.15	1.82	22	0.13	10.40	84	0.9
E841742		0.042	0.18	1.95	23	0.14	16.45	83	1.2
E842466		0.017	9.49	1.35	46	0.10	17.35	58	2.8
E842467		0.009	1.61	1.61	31	0.08	22.60	72	1.6
E842468		0.023	0.16	2.04	33	0.13	7.02	55	1.0
E842469		0.040	0.16	3.68	40	0.29	19.25	63	1.2
E842470		0.034	0.22	2.12	45	0.14	27.20	83	1.8
E842471		0.017	0.19	6.05	31	0.15	20.80	65	1.2
E842472		0.019	0.09	0.89	32	0.08	2.06	28	<0.5
E842473		0.021	0.08	1.46	30	0.15	5.21	51	1.0
E842474		0.050	0.53	1.34	47	0.19	14.45	68	1.6
E842475		0.020	0.47	0.98	34	0.15	21.60	68	1.6
E842476		0.017	0.39	1.09	33	0.13	22.70	53	1.2
E842477		0.021	0.53	1.11	24	0.11	14.05	42	1.5
E842478		<0.005	0.09	2.45	14	0.09	41.00	27	1.9
E842479		0.005	0.15	4.39	11	0.10	57.00	58	1.8
E842480		0.026	0.23	1.08	41	0.16	23.90	55	1.5
E842481		0.023	0.58	1.64	37	0.15	18.10	70	2.3
E842482		0.013	0.12	2.77	23	0.14	55.30	124	1.3
E842483		0.012	0.12	2.83	23	0.14	58.30	120	1.3
E842484		0.019	0.14	2.42	26	0.12	60.70	753	1.5
E842485		0.027	0.22	1.23	51	0.27	4.41	63	1.0
E842486		0.018	0.14	1.72	37	0.17	6.90	60	0.9
E842487		0.016	0.11	11.05	28	0.15	19.95	167	1.0
E842488		0.032	0.20	3.66	44	0.22	8.48	188	1.1
E842489		0.024	0.16	3.90	20	0.14	20.50	917	1.4
E842490		0.034	0.20	0.83	35	0.18	3.38	129	<0.5
E842491		0.023	0.12	1.63	27	0.17	5.51	200	1.0
E842492		0.019	0.11	7.91	29	0.23	21.80	149	1.5
E842493		0.012	0.05	4.38	24	0.08	39.90	52	<0.5
E842494		<0.005	<0.02	0.09	<1	<0.05	0.59	3	0.5
E842495		0.008	0.05	2.31	22	0.11	6.15	25	0.6
E842496		0.014	0.07	14.90	21	0.10	10.75	31	0.7
E842497		0.022	0.12	2.09	42	0.21	3.04	33	<0.5
E842498		0.027	0.07	1.70	37	0.27	4.22	36	0.8
E842499		0.013	0.13	1.38	35	0.15	2.24	36	0.9
E842500		0.021	0.12	0.90	43	0.17	1.89	18	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842501		0.52	<0.005	0.08	1.79	9.1	<0.2	<10	150	1.26	0.51	0.06	0.13	48.40	15.8	26
E842502		0.52	0.010	0.03	2.10	5.3	<0.2	<10	170	2.42	0.40	0.14	0.05	122.50	19.3	31
E842503		0.42	<0.005	0.04	1.32	8.3	<0.2	<10	100	0.78	0.57	0.15	0.18	40.90	22.6	25
E842504		0.50	<0.005	0.03	1.23	12.0	<0.2	<10	40	0.28	0.59	0.03	0.04	71.00	5.7	20
E842505		0.44	0.005	0.04	1.62	8.1	<0.2	<10	30	0.79	0.40	0.10	0.06	81.40	17.1	30
E842506		0.70	<0.005	0.06	1.38	18.9	<0.2	<10	40	0.27	0.75	0.04	0.09	53.70	7.2	26
E842507		0.76	0.022	0.05	1.24	28.9	<0.2	<10	150	0.99	0.85	0.22	0.18	68.00	28.3	23
E842508		0.40	<0.005	0.02	1.65	3.6	<0.2	<10	40	0.83	0.20	0.08	0.03	87.80	13.1	30
E842509		0.42	0.008	0.04	1.23	11.5	<0.2	<10	60	0.63	0.50	0.04	0.10	39.00	19.4	20
E842510		0.50	0.013	0.03	0.52	5.8	<0.2	<10	30	0.09	0.44	0.03	0.02	101.00	3.8	11
E842511		0.28	<0.005	0.06	2.07	13.0	<0.2	<10	60	0.54	0.53	0.05	0.10	39.40	8.4	25
E842512		0.42	0.012	0.08	1.23	26.4	<0.2	<10	100	0.72	0.96	0.51	0.12	30.20	36.8	16
E842513		0.42	<0.005	0.05	1.15	5.6	<0.2	<10	120	1.14	0.27	0.64	0.07	62.70	12.6	19
E842514		0.36	<0.005	0.04	2.88	21.0	<0.2	<10	80	0.62	0.42	0.09	0.13	33.90	16.9	32
E842515		0.50	<0.005	0.04	1.35	21.4	<0.2	<10	130	0.42	0.46	0.39	0.07	42.30	10.9	23
E842516		0.34	0.007	0.18	1.37	236.0	<0.2	<10	150	0.84	4.28	0.67	0.17	46.10	26.2	14
E842517		0.46	0.008	0.18	1.35	420.0	<0.2	<10	140	0.98	8.46	0.49	0.13	56.80	52.6	13
E842518		0.32	<0.005	0.41	1.75	822.0	<0.2	<10	80	0.62	4.54	0.12	0.23	26.10	33.3	14
E842519		0.26	0.006	0.09	1.11	10.9	<0.2	<10	40	0.43	0.66	0.02	0.13	83.00	10.1	10
E842520		0.56	<0.005	0.07	1.08	7.2	<0.2	<10	50	0.46	0.54	0.04	0.15	107.50	12.9	9
E842521		0.28	<0.005	0.06	1.11	6.6	<0.2	<10	50	0.54	0.59	0.03	0.11	88.30	8.1	9
E842522		0.18	<0.005	0.09	1.27	6.8	<0.2	<10	90	0.95	0.65	0.06	0.20	141.50	15.0	10
E842523		0.94	<0.005	0.05	0.80	7.8	<0.2	<10	40	0.49	0.97	0.03	0.09	127.50	13.3	7
E842524		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.32	0.1	<1
E842525		0.44	<0.005	0.03	0.79	5.7	<0.2	<10	40	0.56	0.61	0.04	0.09	118.50	11.5	6
E842526		0.72	<0.005	0.05	0.80	8.1	<0.2	<10	50	0.47	0.78	0.03	0.08	119.50	13.6	6
E842527		0.48	<0.005	0.04	0.89	7.0	<0.2	<10	40	0.66	0.65	0.05	0.09	134.50	15.4	6
E842528		0.50	<0.005	0.07	1.06	9.2	<0.2	<10	50	0.40	0.73	0.03	0.09	78.70	10.8	9
E842529		0.24	<0.005	0.10	1.10	9.0	<0.2	<10	70	0.62	0.70	0.10	0.10	106.50	10.6	10
E842530		0.92	<0.005	0.05	0.85	2.9	<0.2	<10	40	0.45	0.47	0.03	0.07	181.00	11.7	7
E842531		0.36	<0.005	0.04	0.74	2.1	<0.2	<10	50	0.44	0.62	0.01	0.13	206.00	11.0	6
E842532		0.92	<0.005	0.12	1.08	6.3	<0.2	<10	50	0.44	0.79	0.04	0.10	127.00	11.3	12
E842533		0.36	<0.005	0.05	1.03	5.4	<0.2	<10	50	0.51	0.52	0.02	0.12	116.50	9.1	9
E842534		0.30	<0.005	0.04	1.08	5.6	<0.2	<10	40	0.45	0.54	0.02	0.14	128.50	8.3	9
E842535		0.28	<0.005	0.05	1.35	9.3	<0.2	<10	50	0.28	0.51	0.04	0.08	49.40	6.0	17
E842536		0.40	0.006	0.09	1.23	9.9	<0.2	<10	60	1.08	1.60	0.05	0.14	184.00	17.7	9
E842537		0.88	0.017	0.07	0.80	11.1	<0.2	<10	60	0.77	1.14	0.04	0.11	122.00	18.1	6
E842538		0.28	0.005	0.06	1.06	9.3	<0.2	<10	80	1.19	1.06	0.03	0.13	147.00	15.8	8
E842539		0.28	<0.005	0.10	1.53	10.3	<0.2	<10	60	0.67	0.76	0.03	0.12	115.00	12.9	12
E842540		0.32	<0.005	0.14	1.23	10.6	<0.2	<10	70	0.94	0.91	0.04	0.15	168.00	15.9	10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842501	3.02	32.3	4.36	7.37	0.09	0.02	0.04	0.044	0.06	24.0	38.8	0.47	1380	2.38	<0.01
E842502	3.74	85.8	4.59	6.58	0.18	0.04	0.03	0.025	0.05	59.6	71.8	1.01	788	1.62	<0.01
E842503	0.99	55.1	4.08	4.12	0.08	0.02	0.02	0.048	0.05	19.1	23.7	0.49	1620	2.22	0.01
E842504	1.89	16.4	3.68	10.30	0.10	<0.02	0.03	0.016	0.04	35.6	7.8	0.21	226	2.23	<0.01
E842505	2.50	66.9	4.23	5.93	0.13	0.03	0.03	0.017	0.05	39.3	35.9	0.72	495	2.02	<0.01
E842506	1.71	19.2	5.89	15.15	0.10	<0.02	0.04	0.025	0.05	26.3	9.7	0.26	394	3.24	<0.01
E842507	1.17	107.0	4.03	4.62	0.12	0.03	0.02	0.030	0.06	31.9	25.4	0.56	1400	2.17	0.01
E842508	1.56	38.1	3.53	5.35	0.13	<0.02	0.04	0.011	0.05	42.6	44.8	0.92	408	1.27	<0.01
E842509	1.53	68.6	4.54	4.95	0.08	<0.02	0.04	0.054	0.05	18.1	15.4	0.24	2770	2.09	<0.01
E842510	0.87	22.5	1.97	4.46	0.11	<0.02	0.02	0.009	0.03	51.1	2.1	0.05	159	1.81	<0.01
E842511	1.36	45.6	3.84	6.22	0.07	0.05	0.04	0.045	0.05	18.0	28.5	0.35	514	2.15	<0.01
E842512	0.66	333.0	3.37	3.27	0.07	0.07	0.03	0.051	0.06	16.2	21.5	0.49	1435	2.69	0.01
E842513	1.26	41.5	2.44	3.36	0.09	0.04	0.02	0.015	0.07	31.1	27.0	0.49	432	0.86	0.01
E842514	1.24	26.7	3.71	6.18	0.08	0.07	0.05	0.038	0.06	16.8	31.2	0.42	637	1.79	0.01
E842515	0.98	26.6	2.93	5.28	0.08	0.03	0.04	0.019	0.05	21.3	25.9	0.53	451	1.99	0.01
E842516	0.55	296.0	5.18	3.56	0.12	0.06	0.04	0.077	0.05	25.4	18.2	0.60	4090	5.25	0.01
E842517	0.65	282.0	5.50	3.41	0.12	0.08	0.03	0.077	0.06	27.2	17.1	0.51	3350	8.15	0.01
E842518	1.14	301.0	9.39	5.54	0.12	0.03	0.07	0.104	0.05	12.8	12.3	0.21	2380	19.90	<0.01
E842519	1.69	24.2	2.36	3.76	0.07	0.03	0.06	0.027	0.05	34.4	15.9	0.18	631	1.29	<0.01
E842520	1.20	26.1	2.31	2.99	0.13	0.04	0.05	0.020	0.06	41.6	14.1	0.18	904	1.00	<0.01
E842521	1.69	19.0	2.58	3.34	0.12	0.07	0.03	0.019	0.06	36.8	16.3	0.16	433	1.00	<0.01
E842522	2.14	30.1	2.49	3.77	0.20	0.06	0.03	0.019	0.08	70.9	18.0	0.22	606	0.95	<0.01
E842523	1.02	21.6	2.40	2.74	0.15	0.03	0.03	0.016	0.06	50.2	12.9	0.16	874	1.16	<0.01
E842524	<0.05	0.5	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
E842525	1.11	18.9	2.13	2.76	0.11	0.02	0.01	0.016	0.06	44.9	13.9	0.16	669	1.02	<0.01
E842526	1.06	23.1	2.44	2.73	0.14	0.03	0.02	0.021	0.08	47.6	11.8	0.16	975	1.03	<0.01
E842527	0.75	25.7	2.27	2.88	0.14	0.03	0.04	0.017	0.04	50.4	18.9	0.18	1005	1.11	<0.01
E842528	1.59	24.4	2.44	3.23	0.10	0.03	0.06	0.024	0.07	32.2	11.4	0.17	665	1.36	0.01
E842529	1.32	28.1	2.63	2.85	0.11	0.02	0.03	0.021	0.08	50.0	11.9	0.22	513	0.96	0.01
E842530	0.75	16.1	2.48	2.48	0.15	0.02	0.01	0.013	0.06	77.9	12.3	0.41	752	0.96	<0.01
E842531	0.81	18.4	2.60	2.37	0.16	0.03	0.01	0.012	0.08	82.7	8.2	0.14	733	0.68	<0.01
E842532	1.38	23.6	2.66	3.05	0.10	0.03	0.07	0.023	0.10	57.7	9.1	0.20	630	1.21	0.01
E842533	1.35	18.5	2.40	2.73	0.10	0.03	0.02	0.016	0.08	46.1	12.8	0.16	516	0.85	<0.01
E842534	1.58	17.1	2.51	2.77	0.10	0.03	0.02	0.017	0.07	46.2	13.5	0.17	511	0.87	<0.01
E842535	2.05	15.2	3.11	5.50	0.07	<0.02	0.04	0.024	0.07	21.5	10.0	0.21	346	1.64	0.01
E842536	2.84	43.8	2.53	3.28	0.15	0.03	0.03	0.033	0.08	63.7	16.1	0.18	1165	1.50	<0.01
E842537	1.37	36.1	2.71	2.17	0.11	0.03	0.03	0.034	0.11	52.1	10.0	0.15	1375	1.12	<0.01
E842538	2.89	39.5	2.64	2.80	0.12	0.04	0.03	0.032	0.09	57.7	14.4	0.16	1460	1.33	<0.01
E842539	2.93	26.2	3.10	4.14	0.10	0.03	0.02	0.032	0.08	40.2	18.8	0.21	994	1.62	0.01
E842540	2.72	33.2	2.59	3.23	0.12	0.03	0.02	0.028	0.08	49.2	17.2	0.19	1185	1.41	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842501		0.50	22.5	1000	11.3	16.7	<0.001	0.05	0.66	2.4	0.8	0.5	5.0	<0.01	0.10	11.6
E842502		0.16	43.5	690	6.5	8.8	<0.001	0.03	0.70	2.6	0.7	0.3	4.9	<0.01	0.08	27.2
E842503		0.69	26.7	700	9.3	9.3	<0.001	0.03	0.75	4.4	0.6	0.5	9.8	<0.01	0.09	9.0
E842504		0.95	11.5	440	11.0	6.4	<0.001	0.02	0.88	1.8	0.5	0.8	4.8	<0.01	0.08	6.0
E842505		0.41	31.6	790	7.9	10.4	<0.001	0.02	0.72	2.0	0.6	0.3	5.5	<0.01	0.08	13.0
E842506		1.01	16.7	1370	20.3	11.3	<0.001	0.05	1.15	1.8	0.8	0.9	6.7	<0.01	0.12	2.9
E842507		0.57	31.9	820	8.9	7.7	<0.001	0.02	0.77	3.6	0.8	0.4	9.3	<0.01	0.09	12.8
E842508		0.12	42.5	640	3.9	8.8	<0.001	0.03	0.34	1.6	0.5	0.3	2.2	<0.01	0.04	16.0
E842509		0.52	16.1	940	13.4	12.4	<0.001	0.04	0.54	2.8	0.7	0.4	4.4	<0.01	0.13	3.6
E842510		0.35	6.8	340	5.0	8.3	<0.001	0.01	0.47	1.1	0.4	0.6	2.5	<0.01	0.13	4.9
E842511		1.04	14.9	500	15.7	9.8	<0.001	0.02	0.53	3.2	0.6	0.6	6.0	<0.01	0.11	9.2
E842512		0.33	20.0	730	4.8	11.7	<0.001	0.06	0.45	4.5	0.9	0.4	6.5	<0.01	0.11	8.5
E842513		0.25	21.6	600	5.6	14.3	<0.001	0.06	0.32	2.6	0.7	0.3	7.4	<0.01	0.03	13.3
E842514		1.45	22.5	540	18.9	11.2	<0.001	0.03	0.85	4.1	1.1	0.6	10.1	0.02	0.06	7.2
E842515		0.70	19.6	460	8.8	11.8	<0.001	0.04	0.58	2.7	0.4	0.4	9.0	<0.01	0.05	5.2
E842516		0.29	27.8	820	9.8	9.2	<0.001	0.07	1.18	3.6	1.6	0.2	9.1	<0.01	0.17	2.6
E842517		0.32	35.5	1140	12.8	9.4	<0.001	0.10	1.80	3.9	1.6	0.2	9.1	<0.01	0.45	5.2
E842518		0.74	50.4	1270	28.4	11.2	<0.001	0.06	4.33	2.9	1.7	0.5	6.6	0.01	0.28	5.4
E842519		1.38	9.9	580	20.0	11.6	0.001	0.04	0.55	1.0	0.7	0.2	3.3	0.01	0.04	7.3
E842520		2.02	10.6	540	16.1	10.7	<0.001	0.03	0.63	1.3	0.9	0.2	3.8	0.01	0.04	13.0
E842521		2.12	8.9	390	15.4	11.2	<0.001	0.03	0.47	1.1	0.8	0.2	2.9	0.01	0.04	12.6
E842522		2.27	11.6	380	23.0	13.5	<0.001	0.02	0.48	1.7	1.3	0.2	5.1	0.01	0.04	14.8
E842523		2.24	9.9	260	17.5	7.7	<0.001	0.01	0.60	1.2	0.9	<0.2	3.0	0.02	0.03	22.2
E842524		<0.05	0.3	10	0.7	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.4
E842525		2.34	8.6	260	16.2	8.7	<0.001	0.01	0.43	1.0	0.6	<0.2	2.9	0.02	0.02	19.8
E842526		2.12	9.0	270	17.8	9.1	<0.001	0.01	0.58	1.3	0.9	<0.2	2.7	0.02	0.03	23.7
E842527		1.98	9.4	280	14.3	5.9	<0.001	0.01	0.77	1.3	0.8	<0.2	2.6	0.02	0.05	20.7
E842528		1.72	10.6	510	14.3	13.8	<0.001	0.05	0.75	1.5	0.9	0.3	4.0	0.01	0.04	10.8
E842529		1.92	11.6	430	17.1	11.5	<0.001	0.03	0.62	1.7	0.7	0.2	6.6	0.01	0.03	15.9
E842530		1.45	10.2	210	13.1	5.7	<0.001	0.01	0.76	1.0	0.4	<0.2	3.2	0.02	0.02	30.0
E842531		1.97	9.5	240	18.9	9.3	<0.001	0.01	0.56	0.9	0.5	<0.2	3.4	0.02	0.02	27.4
E842532		2.14	12.1	540	49.0	14.3	<0.001	0.06	0.51	1.3	0.7	0.2	4.9	0.01	0.04	14.6
E842533		1.84	10.9	350	17.7	12.5	<0.001	0.02	0.37	0.9	0.4	<0.2	3.2	0.01	0.03	14.4
E842534		1.86	10.4	320	20.2	12.0	<0.001	0.02	0.40	0.9	0.4	0.2	3.2	0.01	0.03	15.3
E842535		1.48	11.9	510	15.0	15.9	<0.001	0.06	0.64	1.4	0.6	0.5	5.7	<0.01	0.06	4.4
E842536		1.88	12.2	450	32.6	15.1	<0.001	0.03	0.66	1.4	0.7	0.2	4.8	0.01	0.04	17.7
E842537		1.80	14.1	330	22.3	11.0	<0.001	0.02	0.68	1.3	0.6	<0.2	4.0	0.01	0.04	22.1
E842538		2.11	11.1	330	17.7	16.3	<0.001	0.03	0.63	1.5	0.7	0.2	3.2	0.02	0.04	22.1
E842539		1.80	11.3	550	30.1	19.1	<0.001	0.03	0.53	1.4	0.6	0.3	4.3	0.01	0.04	11.8
E842540		2.22	10.7	470	46.6	14.7	<0.001	0.04	0.54	1.2	0.6	0.2	3.4	0.01	0.04	16.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842501		0.015	0.15	2.96	39	0.18	5.19	41	0.5
E842502		0.021	0.08	5.45	31	0.11	8.47	41	0.8
E842503		0.042	0.14	1.59	44	0.34	5.87	59	0.5
E842504		0.037	0.16	1.14	69	0.26	2.61	32	<0.5
E842505		0.022	0.06	2.54	36	0.17	4.52	40	0.6
E842506		0.043	0.16	1.08	87	0.27	2.61	45	<0.5
E842507		0.039	0.10	2.51	38	0.51	8.60	45	0.6
E842508		0.018	0.04	2.39	22	0.11	3.06	30	<0.5
E842509		0.023	0.11	1.02	35	0.34	4.03	34	<0.5
E842510		0.018	0.11	0.53	29	1.21	1.70	15	<0.5
E842511		0.029	0.12	1.27	49	0.27	2.68	42	1.4
E842512		0.014	0.06	12.20	24	0.44	9.97	28	1.4
E842513		0.018	0.07	4.06	21	0.10	6.85	36	0.9
E842514		0.049	0.14	0.91	53	0.23	4.07	67	2.3
E842515		0.028	0.09	1.07	37	0.18	3.02	41	0.8
E842516		0.016	0.13	3.66	26	0.15	20.60	44	1.3
E842517		0.014	0.20	3.19	24	0.21	17.20	47	1.9
E842518		0.026	0.18	3.00	38	0.23	8.96	87	0.9
E842519		0.011	0.12	2.81	17	0.36	7.68	52	0.6
E842520		0.012	0.10	3.95	14	0.39	11.05	53	0.7
E842521		0.009	0.09	2.91	14	0.40	9.47	43	1.1
E842522		0.011	0.11	5.07	14	0.41	22.50	57	0.9
E842523		0.012	0.05	4.14	9	0.42	13.65	44	<0.5
E842524		<0.005	<0.02	0.09	<1	<0.05	0.65	2	0.5
E842525		0.011	0.06	3.77	8	0.40	12.70	58	<0.5
E842526		0.012	0.07	4.25	8	0.44	13.45	47	0.6
E842527		0.005	0.05	3.61	8	0.40	13.30	47	<0.5
E842528		0.012	0.13	3.29	18	0.39	8.86	55	0.7
E842529		0.014	0.08	3.80	16	0.31	18.50	56	<0.5
E842530		0.009	0.04	4.86	5	0.35	15.55	43	0.5
E842531		0.008	0.05	4.56	5	0.33	18.05	61	<0.5
E842532		0.009	0.13	3.59	14	0.38	14.70	62	0.5
E842533		0.010	0.07	2.71	12	0.35	9.91	68	0.5
E842534		0.009	0.08	2.51	12	0.32	9.51	67	0.7
E842535		0.024	0.15	1.19	40	0.30	4.37	57	<0.5
E842536		0.011	0.10	5.87	14	0.42	17.25	129	<0.5
E842537		0.008	0.08	6.33	7	0.37	16.20	48	<0.5
E842538		0.008	0.11	6.47	11	0.41	18.50	70	0.5
E842539		0.011	0.12	3.49	22	0.36	10.90	101	0.5
E842540		0.009	0.09	4.45	13	0.50	15.55	103	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842541		0.50	<0.005	0.14	1.18	15.9	<0.2	<10	60	0.83	0.81	0.03	0.09	155.00	37.3	9
E842542		0.46	<0.005	0.20	1.05	19.6	<0.2	<10	50	1.19	1.45	0.03	0.18	141.00	35.9	8
E842543		0.48	<0.005	0.07	0.85	9.6	<0.2	<10	60	0.76	0.80	0.04	0.11	146.00	16.3	6
E842544		0.36	<0.005	0.21	0.84	14.8	<0.2	<10	70	0.71	0.95	0.05	0.11	166.00	26.9	9
E842545		0.50	0.011	0.15	0.91	15.8	<0.2	<10	50	0.68	0.94	0.04	0.07	100.50	22.2	9
E842546		0.46	<0.005	0.12	0.51	10.5	<0.2	<10	260	1.23	0.65	4.58	0.12	17.75	17.6	8
E842547		0.58	<0.005	0.10	1.06	10.8	<0.2	<10	70	0.67	0.96	0.04	0.11	145.00	14.5	7
E842548		0.30	<0.005	0.08	1.94	10.1	<0.2	<10	50	0.55	0.77	0.04	0.15	82.10	9.4	13
E842549		0.24	<0.005	0.12	1.28	14.4	<0.2	<10	80	1.34	0.98	0.09	0.10	180.50	22.9	10
E842550		0.42	<0.005	0.10	1.22	8.0	<0.2	<10	60	0.39	0.61	0.04	0.09	65.90	6.5	12
E842551		0.54	<0.005	0.07	1.32	7.8	<0.2	<10	80	0.52	0.63	0.19	0.13	72.70	6.9	12
E842552		0.38	0.005	0.04	1.25	8.3	<0.2	<10	70	0.59	0.77	0.06	0.06	104.50	8.5	10
E842553		0.26	<0.005	0.06	0.89	7.9	<0.2	<10	60	0.56	0.69	0.04	0.05	97.20	11.3	7
E842554		0.20	<0.005	0.09	1.37	9.5	<0.2	<10	130	0.84	0.86	0.07	0.16	42.60	12.4	15
E842555		0.20	0.005	0.15	2.04	15.0	<0.2	<10	210	1.14	0.55	0.38	0.32	49.00	12.9	27
E842556		0.22	0.012	0.11	0.93	66.7	<0.2	<10	170	0.59	19.65	1.15	0.19	63.80	73.1	10
E842557		0.20	0.005	0.10	1.59	12.0	<0.2	<10	260	0.88	0.59	0.48	0.24	82.80	11.7	23
E842558		0.34	0.005	0.08	1.66	16.0	<0.2	<10	190	0.78	0.78	0.27	0.15	54.00	11.0	23
E842559		0.44	0.007	0.11	1.52	11.3	<0.2	<10	210	1.08	0.84	0.47	0.08	67.40	17.0	24
E842560		0.30	0.005	0.07	1.76	13.7	<0.2	<10	120	1.49	0.79	0.13	0.13	267.00	19.9	24
E842561		0.32	<0.005	0.12	1.66	15.5	<0.2	<10	120	0.93	0.57	0.16	0.13	117.00	16.1	26
E842562		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.02	0.01	0.01	1.15	0.1	<1
E842563		0.32	0.006	0.07	1.62	12.7	<0.2	<10	50	0.78	0.49	0.13	0.11	90.60	11.0	26
E842564		0.70	0.006	0.23	1.79	11.9	<0.2	<10	40	0.48	0.62	0.07	0.07	136.50	10.4	32
E842565		0.88	0.020	0.63	2.24	95.6	<0.2	<10	60	1.75	2.56	0.10	0.95	283.00	103.5	36
E842566		0.60	<0.005	0.28	2.25	83.0	<0.2	<10	50	0.85	1.69	0.10	0.18	82.30	16.9	33
E842567		0.38	<0.005	0.35	2.33	128.0	<0.2	<10	40	1.24	3.02	0.04	0.15	138.50	25.0	33
E842568		0.36	<0.005	0.17	2.06	17.9	<0.2	<10	70	0.57	0.84	0.09	0.16	100.00	37.9	51
E842569		0.42	<0.005	0.45	1.53	36.6	<0.2	<10	70	0.84	1.02	0.09	0.46	52.70	15.4	21
E842570		0.48	<0.005	0.33	1.81	15.9	<0.2	<10	120	1.23	0.51	0.34	1.66	62.70	17.8	21
E842571		0.28	<0.005	0.30	0.94	35.3	<0.2	<10	140	0.82	0.71	1.29	2.30	51.40	17.1	7
E842572		0.28	<0.005	0.45	1.04	24.9	<0.2	<10	90	0.70	0.80	0.31	1.68	115.00	16.2	9
E842573		0.26	<0.005	0.29	0.73	20.4	<0.2	<10	90	0.40	0.53	1.15	1.10	41.30	11.7	5
E842574		0.36	<0.005	0.13	0.92	29.0	<0.2	<10	60	0.41	0.81	0.12	0.17	37.60	7.7	12
E842575		0.22	<0.005	0.26	0.78	12.8	<0.2	<10	110	0.38	0.59	1.28	1.25	33.10	10.8	8
E842576		0.24	<0.005	0.43	0.98	17.2	<0.2	<10	100	0.83	0.87	1.15	0.43	74.50	26.5	10
E842577		0.36	<0.005	0.15	1.39	14.7	<0.2	<10	130	0.72	1.37	2.34	0.07	49.90	16.7	19
E842578		0.38	<0.005	0.14	2.19	28.8	<0.2	<10	60	0.67	0.75	0.06	0.14	27.80	9.9	33
E842579		0.32	<0.005	0.17	1.11	15.0	<0.2	<10	60	0.34	0.59	0.06	0.08	33.00	4.4	18
E842580		0.46	<0.005	0.73	3.11	37.2	<0.2	<10	80	1.19	0.64	0.10	0.21	36.40	16.5	44

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842541		2.87	65.3	2.86	3.18	0.13	0.03	0.07	0.043	0.06	60.5	14.5	0.18	2620	2.42	0.01
E842542		2.69	92.8	2.67	2.85	0.10	0.02	0.03	0.032	0.05	51.6	17.6	0.17	1400	2.13	0.01
E842543		2.20	39.9	2.85	2.40	0.12	0.02	0.03	0.027	0.09	58.6	11.0	0.14	1460	1.40	0.01
E842544		3.64	66.5	2.80	2.59	0.13	0.02	0.05	0.027	0.07	70.8	8.8	0.13	1455	1.85	0.01
E842545		2.47	64.7	2.62	2.86	0.10	0.02	0.04	0.023	0.06	43.6	10.9	0.14	1005	1.98	<0.01
E842546		1.91	24.0	4.29	1.09	<0.05	0.05	0.13	0.070	0.07	8.1	3.3	2.57	2050	1.05	0.01
E842547		2.13	47.2	3.33	2.64	0.11	0.02	0.04	0.040	0.10	60.1	11.4	0.16	1460	1.04	0.01
E842548		2.25	31.7	4.05	3.79	0.09	0.05	0.09	0.036	0.07	34.6	17.6	0.19	675	1.23	0.01
E842549		3.42	64.1	2.88	3.50	0.18	0.04	0.04	0.032	0.10	99.2	14.8	0.19	1240	1.57	0.01
E842550		2.36	25.6	2.24	3.52	0.07	0.02	0.05	0.027	0.10	29.1	8.5	0.17	330	1.31	0.01
E842551		2.56	19.9	2.59	4.61	0.08	0.03	0.03	0.020	0.10	34.5	10.7	0.16	443	1.46	0.01
E842552		2.50	27.1	2.68	3.81	0.11	0.03	0.01	0.027	0.10	47.5	11.1	0.16	438	1.27	0.01
E842553		1.69	23.0	2.45	2.42	0.10	0.03	0.01	0.024	0.11	42.7	11.4	0.15	653	0.87	<0.01
E842554		1.65	113.0	4.36	4.67	0.06	<0.02	0.21	0.120	0.07	18.2	18.0	0.23	4170	3.45	0.01
E842555		1.50	27.7	5.02	5.16	0.08	0.06	0.07	0.077	0.07	24.7	26.7	0.70	3440	1.64	0.01
E842556		0.66	260.0	5.16	2.37	0.11	0.05	0.08	0.141	0.04	53.5	9.3	0.21	12300	2.96	0.01
E842557		1.24	48.8	3.71	4.46	0.13	0.06	0.03	0.064	0.05	68.2	30.4	0.72	2040	1.65	0.01
E842558		1.87	58.2	3.75	5.74	0.08	0.02	0.02	0.051	0.07	27.0	24.2	0.52	1215	1.78	0.01
E842559		1.88	67.2	3.76	4.33	0.10	0.06	0.02	0.037	0.07	32.8	38.5	0.90	1235	0.95	0.01
E842560		2.83	120.0	4.11	6.38	0.18	0.03	0.04	0.048	0.05	105.0	52.5	0.63	1815	1.49	0.01
E842561		2.22	120.5	3.27	4.70	0.13	0.04	0.03	0.034	0.05	57.4	39.5	0.65	972	1.07	0.01
E842562		<0.05	0.7	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	6	<0.05	<0.01
E842563		2.75	150.5	3.54	4.95	0.10	0.02	0.02	0.031	0.05	42.0	43.5	0.57	422	0.89	0.01
E842564		2.14	145.5	5.43	8.21	0.09	0.02	0.07	0.029	0.04	34.2	32.5	0.52	569	3.40	0.01
E842565		2.82	943.0	4.66	8.63	0.46	0.07	0.04	0.112	0.06	135.0	67.5	1.00	1750	1.81	0.01
E842566		1.59	61.0	5.32	6.44	0.13	0.04	0.09	0.030	0.05	22.6	39.9	0.48	696	1.50	0.01
E842567		1.97	125.5	5.87	8.56	0.14	0.05	0.03	0.044	0.04	24.1	45.6	0.63	720	2.15	<0.01
E842568		1.44	26.3	3.59	8.22	0.13	0.04	0.05	0.029	0.06	41.4	44.2	0.50	669	2.71	0.01
E842569		2.59	45.9	4.07	5.22	0.11	0.02	0.05	0.043	0.07	22.7	29.5	0.49	1310	2.16	0.01
E842570		5.37	37.0	4.40	5.32	0.19	0.05	0.07	0.062	0.18	34.0	41.5	1.02	4960	0.73	0.01
E842571		1.26	43.5	3.80	2.90	0.13	0.10	0.10	0.072	0.07	27.0	12.5	0.38	4990	1.71	0.01
E842572		1.73	46.7	3.93	3.72	0.24	0.06	0.10	0.067	0.06	59.4	18.0	0.28	3340	1.95	0.01
E842573		0.98	40.2	3.49	2.17	0.13	0.08	0.11	0.053	0.05	21.5	11.7	0.40	4970	1.62	0.01
E842574		1.22	28.5	3.86	3.57	0.09	<0.02	0.04	0.035	0.06	18.4	15.5	0.30	571	1.93	0.01
E842575		0.95	30.2	2.46	2.51	0.10	0.05	0.14	0.045	0.07	21.7	10.5	0.32	2930	1.20	0.01
E842576		1.65	56.2	3.30	2.90	0.15	0.07	0.04	0.056	0.07	34.8	25.4	0.72	2030	1.35	0.01
E842577		1.11	74.3	3.59	3.65	0.12	0.07	0.02	0.049	0.12	25.7	30.1	2.08	2050	0.89	0.01
E842578		1.84	45.7	5.89	8.81	0.10	0.03	0.07	0.037	0.06	13.6	26.8	0.33	720	1.79	0.01
E842579		3.68	12.6	2.67	7.13	0.08	<0.02	0.03	0.022	0.08	17.0	10.7	0.23	284	1.03	0.01
E842580		3.85	61.1	4.25	5.91	0.11	0.06	0.10	0.054	0.10	15.9	37.5	0.52	573	1.49	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842541		0.80	17.2	670	29.6	12.4	<0.001	0.04	0.81	1.7	0.7	0.2	3.6	0.01	0.06	17.9
E842542		1.35	20.6	490	61.3	10.1	<0.001	0.03	0.96	1.2	0.6	0.2	3.2	0.01	0.10	18.9
E842543		1.69	12.1	320	18.6	11.3	<0.001	0.01	1.18	1.5	0.5	0.2	3.7	0.02	0.05	24.8
E842544		0.65	19.0	540	37.4	13.2	<0.001	0.02	1.79	1.3	0.6	0.2	7.2	0.01	0.09	13.0
E842545		1.01	17.5	560	19.2	11.5	<0.001	0.03	1.39	1.1	0.5	0.2	4.4	0.01	0.08	12.1
E842546		0.13	22.0	950	21.2	6.7	<0.001	0.08	0.86	10.4	0.9	0.2	24.9	<0.01	0.06	1.3
E842547		1.62	13.5	390	16.3	14.6	<0.001	0.02	2.72	1.7	0.6	0.2	3.7	0.01	0.04	20.1
E842548		2.08	13.8	650	15.4	15.0	<0.001	0.05	1.13	1.8	0.8	0.3	4.4	0.01	0.05	13.8
E842549		1.53	15.5	490	30.5	16.9	<0.001	0.04	1.05	1.6	0.9	0.2	5.9	0.01	0.06	14.3
E842550		1.80	10.7	660	14.5	18.5	<0.001	0.08	0.68	1.3	0.7	0.3	5.0	0.01	0.05	6.3
E842551		1.67	10.4	610	18.1	19.5	<0.001	0.06	0.52	1.1	0.6	0.3	8.2	0.01	0.05	6.1
E842552		1.51	11.1	380	14.5	19.0	<0.001	0.03	0.62	1.2	0.5	0.3	4.9	0.01	0.04	9.2
E842553		2.05	10.6	240	15.3	13.7	<0.001	0.02	0.47	1.0	0.4	<0.2	3.3	0.01	0.03	16.3
E842554		0.47	11.4	1030	12.5	22.1	<0.001	0.08	0.64	1.7	0.6	0.4	4.4	<0.01	0.15	2.3
E842555		0.64	28.0	540	16.2	13.2	<0.001	0.04	0.82	5.3	0.9	0.5	12.3	<0.01	0.05	3.7
E842556		0.25	35.9	2590	10.1	6.2	<0.001	0.30	0.69	3.6	1.4	0.2	34.3	0.01	0.11	4.3
E842557		0.38	27.8	880	9.5	11.4	<0.001	0.05	0.76	3.4	0.8	0.3	10.3	<0.01	0.06	5.9
E842558		0.70	26.9	570	11.9	14.9	<0.001	0.03	0.76	3.4	0.5	0.5	10.1	<0.01	0.06	5.0
E842559		0.30	34.4	710	7.1	7.5	<0.001	0.04	0.70	3.1	0.5	0.3	9.6	<0.01	0.07	14.3
E842560		0.22	32.1	780	12.6	11.2	<0.001	0.03	0.59	4.1	0.6	0.4	6.0	<0.01	0.05	21.3
E842561		0.60	33.6	600	9.2	9.1	<0.001	0.01	0.67	3.8	0.6	0.4	11.1	<0.01	0.04	15.0
E842562		<0.05	0.5	10	0.5	0.1	<0.001	0.01	<0.05	<0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E842563		0.58	29.1	560	10.6	9.7	<0.001	0.01	0.65	2.7	0.4	0.4	9.3	<0.01	0.04	14.1
E842564		0.23	22.0	1570	9.9	11.9	<0.001	0.09	0.48	2.1	0.8	0.3	5.6	<0.01	0.11	12.3
E842565		0.29	52.5	810	50.4	10.6	<0.001	0.04	2.46	5.0	2.0	0.3	5.6	0.01	0.19	22.6
E842566		0.74	25.6	1480	11.0	10.9	<0.001	0.06	0.80	2.0	1.2	0.3	6.3	0.01	0.09	7.5
E842567		0.64	32.0	1140	17.5	12.2	<0.001	0.04	1.45	2.9	1.2	0.3	4.5	<0.01	0.11	14.4
E842568		0.75	30.3	1350	13.1	12.6	<0.001	0.05	0.80	3.5	1.2	0.4	9.3	<0.01	0.09	10.3
E842569		0.62	26.4	670	49.5	17.3	<0.001	0.06	2.15	1.7	0.9	0.3	5.9	<0.01	0.11	4.9
E842570		0.47	31.8	960	90.1	31.7	<0.001	0.05	0.97	3.1	1.7	0.3	10.2	0.01	0.09	5.6
E842571		0.47	21.4	1520	119.5	12.7	<0.001	0.15	1.64	1.9	1.8	0.2	36.9	0.01	0.16	3.9
E842572		0.31	33.4	990	60.9	14.6	<0.001	0.07	1.48	1.9	1.8	0.2	10.5	0.01	0.13	3.5
E842573		0.10	29.1	1220	73.0	8.3	<0.001	0.12	1.02	1.5	2.0	<0.2	25.0	0.01	0.14	1.4
E842574		0.54	22.0	740	33.2	10.1	<0.001	0.07	1.61	1.2	1.0	0.2	8.0	<0.01	0.11	3.5
E842575		0.25	18.9	1240	55.4	9.2	<0.001	0.13	0.74	1.6	1.5	0.2	26.5	<0.01	0.10	1.6
E842576		0.23	49.7	520	75.6	9.6	<0.001	0.08	2.06	2.2	1.5	<0.2	19.6	<0.01	0.15	7.5
E842577		0.12	27.2	520	10.3	7.9	<0.001	0.05	0.81	2.6	0.8	0.2	7.6	<0.01	0.05	10.1
E842578		1.18	14.3	1000	12.8	12.9	<0.001	0.05	0.86	2.4	1.1	0.6	6.0	0.01	0.08	5.8
E842579		1.47	9.7	310	16.8	19.4	<0.001	0.02	0.57	1.8	0.5	0.7	7.1	<0.01	0.07	3.3
E842580		1.78	30.3	860	32.9	18.8	<0.001	0.05	1.00	3.9	1.3	0.4	8.7	0.02	0.08	7.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842541		0.007	0.10	6.29	14	0.31	11.85	53	0.6
E842542		0.005	0.07	4.96	10	0.40	12.25	131	<0.5
E842543		0.007	0.07	4.93	9	0.41	15.75	49	<0.5
E842544		0.006	0.10	5.60	12	0.30	13.75	60	<0.5
E842545		0.008	0.08	3.76	14	0.38	9.62	41	<0.5
E842546		<0.005	0.08	0.85	17	0.08	21.50	61	0.9
E842547		0.005	0.11	4.16	11	0.37	14.65	49	<0.5
E842548		0.012	0.13	2.58	24	0.32	7.50	52	1.2
E842549		0.006	0.10	5.63	13	0.38	25.30	67	0.5
E842550		0.010	0.14	2.36	21	0.30	7.47	46	0.5
E842551		0.010	0.13	2.36	23	0.33	8.49	56	0.5
E842552		0.009	0.11	3.62	18	0.35	12.60	48	<0.5
E842553		0.006	0.07	3.46	7	0.37	10.40	46	0.5
E842554		0.024	0.23	1.77	39	0.20	5.08	52	<0.5
E842555		0.040	0.24	1.14	52	0.19	20.90	68	1.3
E842556		0.016	0.26	6.02	19	0.11	33.50	36	1.0
E842557		0.022	0.13	4.23	33	0.18	20.10	65	1.4
E842558		0.032	0.17	1.37	47	0.23	10.20	59	<0.5
E842559		0.038	0.16	2.20	29	0.16	8.73	38	2.1
E842560		0.013	0.16	4.63	27	0.10	15.70	145	0.6
E842561		0.035	0.14	2.43	35	0.19	13.25	113	0.8
E842562		<0.005	<0.02	0.10	<1	<0.05	0.71	3	0.6
E842563		0.027	0.09	1.75	32	0.16	8.00	139	0.5
E842564		0.008	0.08	3.74	30	0.08	7.10	93	0.5
E842565		0.011	0.11	3.49	23	0.15	25.60	255	0.8
E842566		0.018	0.09	1.54	34	0.16	5.36	89	0.8
E842567		0.018	0.12	2.08	35	0.37	9.45	113	1.0
E842568		0.027	0.14	1.63	61	0.19	5.25	69	0.8
E842569		0.028	0.16	1.21	25	0.11	4.44	263	<0.5
E842570		0.061	0.30	1.35	19	0.08	29.80	403	<0.5
E842571		0.016	0.12	2.21	9	0.07	19.00	439	1.9
E842572		0.014	0.12	1.95	14	0.08	20.00	324	0.7
E842573		0.009	0.10	2.10	5	0.06	29.00	237	1.0
E842574		0.019	0.09	0.83	20	0.14	3.58	141	<0.5
E842575		0.015	0.10	1.42	11	0.09	14.75	192	0.7
E842576		0.013	0.09	1.10	10	0.08	20.50	249	1.0
E842577		0.016	0.20	0.71	17	0.08	9.52	62	2.1
E842578		0.033	0.17	0.67	59	0.20	3.69	59	0.7
E842579		0.055	0.23	0.41	46	0.16	2.44	62	<0.5
E842580		0.049	0.22	0.90	39	0.18	5.52	154	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842581		0.26	<0.005	0.09	2.17	23.6	<0.2	<10	120	0.75	0.97	0.05	0.16	40.10	14.5	31
E842582		0.20	<0.005	0.11	3.04	30.2	<0.2	<10	260	1.30	1.03	0.07	0.23	106.00	27.9	43
E842583		0.30	<0.005	0.07	1.20	24.9	<0.2	<10	40	0.41	1.71	0.22	0.08	40.60	10.6	22
E842584		0.28	0.005	0.16	1.28	16.7	<0.2	<10	60	0.36	0.99	0.08	0.14	29.60	5.8	20
E842585		0.34	<0.005	0.04	1.05	18.3	<0.2	<10	40	0.25	0.91	0.05	0.07	33.80	4.9	21
E842586		0.36	<0.005	0.10	1.92	40.5	<0.2	<10	100	1.10	1.08	0.18	0.15	71.30	42.8	26
E842587		0.26	<0.005	0.14	1.24	16.5	<0.2	<10	50	0.38	0.82	0.04	0.10	31.50	6.7	18
E842588		0.46	<0.005	0.20	1.79	32.2	<0.2	<10	80	0.89	1.73	0.21	0.16	55.80	20.1	26
E842589		0.48	<0.005	0.15	1.50	38.7	<0.2	<10	90	0.79	3.51	0.35	0.27	42.20	20.2	24
E842590		0.36	<0.005	0.36	1.48	49.4	<0.2	<10	200	1.03	8.94	1.00	0.21	37.90	10.0	14
E842591		0.32	<0.005	0.17	0.99	16.1	<0.2	<10	90	0.53	0.60	1.18	0.34	59.70	9.9	7
E842592		0.34	<0.005	0.16	1.33	18.5	<0.2	<10	80	0.56	0.87	0.42	0.26	50.30	11.0	12
E842593		0.26	<0.005	0.18	1.38	11.8	<0.2	<10	100	0.31	0.62	0.57	0.18	29.80	5.8	12
E842594		0.30	<0.005	0.54	1.01	27.3	<0.2	<10	70	0.67	1.07	0.95	0.69	30.80	23.1	10
E845952		0.36	0.006	0.33	1.42	33.4	<0.2	<10	920	1.15	1.63	4.67	0.25	64.70	34.5	15
E845953		0.32	<0.005	0.74	0.63	76	<0.2	<10	60	0.91	5.87	10.95	0.10	18.10	35.8	7
E845954		0.32	0.005	0.66	0.56	58	<0.2	<10	50	0.82	5.13	12.10	0.11	16.30	24.8	6
E845601		0.34	<0.005	0.07	1.33	12.7	<0.2	<10	130	1.13	0.73	0.64	0.14	67.40	22.5	30
E845602		0.32	<0.005	0.05	0.92	4.8	<0.2	<10	80	0.81	0.22	1.52	0.11	39.20	9.3	30
E845651		0.52	<0.005	0.32	1.70	43.5	<0.2	<10	40	1.29	1.21	0.07	0.13	133.00	11.4	21
E846552		0.42	<0.005	0.12	1.91	23.9	<0.2	<10	110	1.54	1.18	0.17	0.35	254.00	116.5	22
E846553		0.18	<0.005	1.74	2.68	25.7	<0.2	<10	140	2.09	1.59	0.17	0.28	281.00	42.8	29
E846554		0.32	<0.005	0.66	2.52	84.1	<0.2	<10	100	3.07	3.61	0.08	0.14	292.00	23.0	23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842581		1.73	104.5	3.75	7.25	0.09	0.05	0.03	0.046	0.06	17.7	24.5	0.40	327	1.60	0.01
E842582		2.32	188.0	4.27	8.41	0.13	0.08	0.04	0.066	0.09	34.3	31.6	0.71	597	1.94	0.01
E842583		2.00	42.4	4.47	8.12	0.10	0.02	0.02	0.046	0.05	20.2	9.6	0.26	373	1.94	0.01
E842584		1.04	20.4	3.20	7.13	0.08	0.02	0.06	0.019	0.05	13.8	12.0	0.21	291	1.43	0.01
E842585		1.04	17.4	3.59	6.61	0.07	<0.02	0.02	0.015	0.04	15.2	9.0	0.24	227	1.22	0.01
E842586		4.03	76.1	4.10	6.36	0.13	0.03	0.03	0.031	0.09	29.6	56.6	0.69	1285	1.20	0.01
E842587		1.74	15.6	3.70	6.14	0.08	<0.02	0.04	0.017	0.06	15.8	18.9	0.32	538	1.27	0.01
E842588		1.56	62.5	3.48	4.52	0.10	0.03	0.04	0.036	0.05	19.4	34.8	0.63	701	0.88	0.01
E842589		1.58	75.2	3.47	4.91	0.09	0.03	0.05	0.032	0.07	18.8	29.9	0.47	809	1.06	0.01
E842590		0.82	42.2	4.50	4.04	0.12	0.06	0.04	0.065	0.08	19.3	27.4	0.62	3470	1.33	0.01
E842591		2.73	26.6	2.06	3.56	0.15	0.06	0.08	0.061	0.09	26.5	44.5	1.03	4670	1.22	<0.01
E842592		4.21	22.6	2.86	4.34	0.13	0.05	0.03	0.048	0.11	25.2	51.2	1.15	2160	1.83	0.01
E842593		2.47	18.4	2.99	2.42	0.11	0.03	0.04	0.029	0.17	16.7	28.1	1.40	3010	0.65	0.01
E842594		2.27	89.0	5.90	3.06	0.14	0.05	0.06	0.038	0.08	15.0	21.9	0.70	2600	2.24	0.01
E845952		3.43	157.0	4.20	5.28	0.21	0.16	0.07	0.113	0.24	32.2	43.3	4.19	4910	3.30	0.01
E845953		0.77	266.0	5.18	2.40	0.22	0.06	0.09	0.204	0.04	9.1	17.3	7.24	4340	3.55	0.02
E845954		0.55	143.0	4.88	2.17	0.24	0.06	0.09	0.157	0.04	8.1	16.1	7.86	4090	3.44	0.02
E845601		1.82	55.4	3.78	5.30	0.16	0.06	0.02	0.023	0.08	34.3	35.3	1.06	1050	1.10	0.01
E845602		1.93	29.0	2.09	4.90	0.16	0.06	0.01	0.021	0.12	20.2	20.2	1.30	704	0.47	0.02
E845651		1.98	95.9	5.82	5.73	0.25	0.08	0.01	0.057	0.05	59.5	44.7	0.71	489	4.46	0.02
E846552		3.93	134.5	4.28	5.97	0.21	0.07	0.03	0.049	0.06	74.0	39.7	0.60	1165	3.13	0.01
E846553		6.57	176.5	4.70	8.22	0.39	0.11	0.04	0.077	0.09	137.0	56.2	0.66	534	3.17	0.01
E846554		5.87	238.0	6.71	7.80	0.36	0.08	0.04	0.125	0.07	130.0	52.9	0.73	570	7.33	0.03

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842581		1.26	26.2	390	15.4	13.9	<0.001	0.03	1.01	3.5	1.0	0.6	7.2	<0.01	0.07	7.1
E842582		1.27	43.2	350	21.1	20.0	<0.001	0.02	1.07	6.2	1.1	0.7	11.1	<0.01	0.08	10.9
E842583		1.13	13.8	390	14.7	11.3	<0.001	0.05	1.86	1.9	0.7	0.5	7.8	<0.01	0.09	7.9
E842584		1.07	12.3	490	11.2	10.4	<0.001	0.04	0.70	1.9	0.8	0.6	7.6	<0.01	0.07	4.7
E842585		0.76	10.9	490	8.5	7.0	<0.001	0.03	0.57	1.6	0.6	0.5	4.8	<0.01	0.06	4.8
E842586		0.52	33.6	860	12.5	19.3	<0.001	0.04	0.72	2.6	0.9	0.3	9.1	<0.01	0.09	10.0
E842587		0.71	12.7	570	7.9	15.7	<0.001	0.03	0.48	1.6	0.6	0.3	4.2	<0.01	0.06	5.9
E842588		0.64	39.5	690	10.1	8.0	<0.001	0.03	0.76	2.5	0.8	0.2	10.5	<0.01	0.06	8.9
E842589		0.70	29.8	780	25.4	13.5	<0.001	0.04	0.76	2.3	0.9	0.3	14.1	<0.01	0.05	6.7
E842590		0.28	20.7	870	17.1	12.4	<0.001	0.07	1.10	2.8	1.3	0.3	19.4	<0.01	0.10	4.0
E842591		0.41	15.7	730	24.8	23.4	<0.001	0.09	1.98	2.1	1.7	0.2	19.4	0.01	0.14	1.7
E842592		0.79	17.4	450	32.8	34.3	<0.001	0.05	1.07	2.5	1.2	0.2	11.9	<0.01	0.20	3.9
E842593		0.37	12.3	610	14.6	16.9	<0.001	0.06	0.41	1.4	0.9	<0.2	6.7	<0.01	0.10	1.9
E842594		0.35	65.9	900	90.4	17.4	<0.001	0.11	1.43	2.3	1.9	0.2	21.4	0.01	0.33	1.9
E845952		0.19	27.0	560	25.2	25.3	<0.001	0.06	1.32	5.5	1.5	0.4	15.3	<0.01	0.15	7.0
E845953		0.10	45.0	540	35.8	4.6	<0.001	0.10	5.19	3.4	1.4	0.2	22.2	<0.01	0.09	4.0
E845954		0.10	32.4	580	39.0	3.8	<0.001	0.11	5.13	3.0	1.4	<0.2	23.7	<0.01	0.07	2.7
E845601		0.88	36.3	780	7.6	13.0	<0.001	0.07	0.52	3.5	1.1	0.3	15.4	<0.01	0.09	13.9
E845602		1.14	26.5	840	8.2	20.9	<0.001	0.02	0.43	4.4	0.7	0.6	19.9	<0.01	0.03	9.5
E845651		0.77	31.2	700	28.0	5.7	<0.001	0.19	2.87	3.1	1.7	0.2	17.1	0.01	0.15	30.1
E846552		0.93	129.0	760	25.4	9.0	0.001	0.07	1.88	3.1	2.1	0.3	22.5	0.01	0.13	15.6
E846553		1.00	102.5	960	37.1	11.9	<0.001	0.10	2.13	5.0	3.6	0.5	37.3	0.02	0.16	20.5
E846554		1.66	71.7	1010	99.9	9.4	0.001	0.21	4.04	4.0	4.2	0.6	51.2	0.02	0.36	37.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842581		0.031	0.16	0.99	55	0.23	4.31	89	1.4
E842582		0.039	0.25	2.04	61	0.23	8.10	139	2.6
E842583		0.034	0.17	1.31	50	0.11	3.97	86	<0.5
E842584		0.029	0.12	0.70	50	0.22	3.22	60	<0.5
E842585		0.036	0.09	0.59	52	0.16	3.11	44	<0.5
E842586		0.019	0.14	1.26	26	0.11	7.52	77	0.5
E842587		0.021	0.11	0.53	31	0.13	2.44	43	<0.5
E842588		0.027	0.07	0.96	28	0.22	6.25	77	0.7
E842589		0.031	0.09	0.97	32	0.15	5.81	92	0.5
E842590		0.007	0.08	1.05	16	0.07	15.30	48	1.2
E842591		0.018	0.23	0.89	7	0.07	31.60	112	0.7
E842592		0.039	0.29	1.02	15	0.09	19.00	94	0.8
E842593		0.043	0.20	0.59	14	0.05	15.95	114	<0.5
E842594		0.022	0.14	1.38	14	0.10	18.30	246	0.7
E845952		0.019	0.22	2.90	15	0.38	22.00	96	4.5
E845953		0.006	1.95	1.83	15	0.06	14.55	49	1.7
E845954		0.005	2.26	1.82	15	0.06	14.45	40	1.6
E845601		0.049	0.10	5.67	25	0.25	13.20	59	1.2
E845602		0.078	0.09	1.79	29	0.46	11.05	39	1.4
E845651		0.021	0.07	6.46	12	0.20	15.30	156	2.5
E846552		0.033	0.11	3.23	27	0.38	34.50	281	2.1
E846553		0.031	0.16	5.08	31	0.42	64.00	367	3.1
E846554		0.035	0.17	6.37	18	1.35	43.70	224	2.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 29-AUG-2007
Account: EIAFRG

CERTIFICATE VA07087734

Project: Werneckes

P.O. No.: FRG07-01

This report is for 152 Soil samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840056		0.08	0.008	0.07	0.97	8.2	<0.2	<10	190	0.76	0.25	2.47	0.28	20.70	10.2	17
E840057		0.30	<0.005	0.06	1.48	11.6	<0.2	<10	140	0.66	0.22	1.03	0.31	36.10	12.7	23
E840058		0.28	<0.005	0.07	1.14	8.1	<0.2	<10	100	0.65	0.26	1.10	0.14	34.60	10.7	20
E840059		0.14	<0.005	0.12	1.19	8.3	<0.2	<10	120	0.92	0.21	2.03	0.27	24.20	9.0	19
E840060		0.12	<0.005	0.09	1.25	9.4	<0.2	<10	110	1.01	0.27	1.44	0.25	30.10	9.8	19
E840061		0.14	<0.005	0.10	1.91	7.6	<0.2	<10	100	2.10	0.41	1.16	0.19	57.50	12.1	27
E840062		0.18	<0.005	0.08	1.59	6.6	<0.2	<10	90	1.52	0.51	0.92	0.11	45.70	11.3	26
E840063		0.42	0.007	0.04	1.05	4.5	<0.2	<10	60	1.07	0.15	0.73	0.11	40.30	7.9	24
E840064		0.26	<0.005	0.09	1.57	5.8	<0.2	<10	100	1.25	0.30	0.59	0.06	37.00	9.7	25
E840065		0.14	<0.005	0.09	1.75	5.8	<0.2	<10	110	1.26	0.38	0.85	0.13	35.60	12.5	29
E840066		0.28	<0.005	0.13	1.77	8.6	<0.2	<10	130	1.20	0.34	1.34	0.23	38.50	13.1	29
E840067		0.20	<0.005	0.10	1.99	7.1	<0.2	<10	120	1.45	0.43	1.10	0.21	48.50	13.6	29
E840068		0.16	<0.005	0.07	1.89	6.4	<0.2	<10	90	1.48	0.46	1.02	0.13	43.80	14.3	28
E840069		0.22	<0.005	0.07	1.85	3.4	<0.2	<10	90	1.43	0.43	1.02	0.13	52.40	11.5	29
E840070		0.16	<0.005	0.10	1.81	7.2	<0.2	<10	110	1.31	0.40	1.02	0.20	42.90	12.7	27
E840071		0.34	<0.005	0.06	1.70	6.3	<0.2	<10	100	1.12	0.43	0.80	0.16	43.40	13.2	27
E840072		0.14	<0.005	0.10	1.56	5.2	<0.2	<10	100	1.24	0.34	1.82	0.23	37.80	9.5	21
E840073		0.18	<0.005	0.05	1.53	4.9	<0.2	<10	80	1.29	0.85	1.08	0.14	48.20	18.4	24
E840074		0.14	<0.005	0.14	0.74	6.7	<0.2	<10	120	0.79	0.29	2.69	0.38	18.85	7.1	8
E840075		0.22	<0.005	0.15	1.01	5.4	<0.2	<10	80	0.80	0.27	1.83	0.12	27.00	7.9	17
E840076		0.20	<0.005	0.26	0.79	11.3	<0.2	10	110	0.59	0.28	2.91	0.37	19.75	7.9	10
E840077		0.24	<0.005	0.14	1.43	15.0	<0.2	<10	120	0.81	0.45	1.30	0.21	31.50	12.9	22
E840078		0.22	<0.005	0.35	1.60	267.0	<0.2	<10	90	0.78	6.56	1.12	0.35	40.70	35.9	25
E840079		0.50	<0.005	0.09	1.15	12.0	<0.2	<10	70	0.61	0.40	0.87	0.10	37.30	11.1	23
E840080		0.40	<0.005	0.15	1.13	57.4	<0.2	<10	70	0.62	1.96	1.13	0.24	42.20	18.5	22
E840792		0.22	<0.005	0.17	0.91	18.5	<0.2	<10	40	0.38	0.51	1.96	0.25	22.50	13.2	10
E840793		0.28	<0.005	0.15	1.12	36.0	<0.2	<10	70	0.46	0.91	0.51	0.26	69.90	20.5	9
E840794		0.30	<0.005	0.05	0.74	9.5	<0.2	<10	70	0.21	0.36	0.30	0.57	19.55	4.7	11
E840795		0.38	<0.005	0.03	1.32	16.6	<0.2	<10	70	0.45	0.45	0.23	0.29	43.00	14.8	16
E840796		0.30	<0.005	0.08	0.46	6.3	<0.2	<10	80	0.20	0.21	2.69	0.44	11.15	5.2	6
E840797		0.32	<0.005	0.10	1.12	17.8	<0.2	<10	120	0.38	0.40	1.69	0.23	33.40	12.6	15
E840798		0.36	<0.005	0.08	1.36	22.2	<0.2	<10	80	0.53	1.29	0.70	0.20	51.70	15.1	20
E840799		0.36	<0.005	0.08	1.47	12.7	<0.2	<10	90	0.62	0.38	0.82	0.12	39.30	13.2	22
E840800		0.42	<0.005	0.09	1.64	29.2	<0.2	<10	150	0.88	0.49	0.49	0.26	70.70	17.8	22
E841701		0.44	<0.005	0.07	1.56	21.6	<0.2	<10	90	0.66	0.52	0.27	0.24	69.10	22.2	21
E841702		0.40	<0.005	0.06	1.39	12.8	<0.2	<10	90	0.52	0.35	0.48	0.14	50.70	14.5	24
E841703		0.46	<0.005	0.14	1.37	10.1	<0.2	<10	80	0.60	0.56	0.30	0.15	56.70	14.2	21
E841704		0.54	<0.005	0.12	1.72	15.0	<0.2	<10	120	0.90	0.53	0.26	0.24	69.50	18.1	26
E841705		0.46	<0.005	0.10	1.61	42.7	<0.2	<10	100	0.92	0.63	0.28	0.12	58.10	17.9	26
E841706		0.26	<0.005	1.38	1.08	51.9	<0.2	<10	120	1.34	1.52	2.62	0.55	78.50	13.1	12

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 29-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840056		1.52	149.5	1.65	4.00	0.06	0.03	0.06	0.030	0.05	11.1	14.6	0.61	1140	2.60	0.02
E840057		2.06	11.3	2.33	7.43	0.08	0.02	0.04	0.050	0.06	16.0	22.9	1.17	2060	0.78	0.01
E840058		1.87	21.0	2.21	4.05	0.07	0.02	0.03	0.022	0.04	19.1	20.6	0.59	854	0.63	0.02
E840059		2.27	18.0	1.91	4.43	0.06	0.02	0.07	0.028	0.05	13.0	16.5	0.59	1140	0.62	0.02
E840060		2.22	14.1	2.18	4.96	0.06	0.03	0.08	0.034	0.05	15.6	17.0	0.55	1545	0.83	0.02
E840061		4.52	12.7	2.34	7.83	0.10	0.03	0.06	0.042	0.07	31.9	32.9	0.92	1425	0.54	0.03
E840062		2.92	14.7	2.17	6.84	0.09	0.02	0.04	0.037	0.07	25.2	28.9	0.88	1190	0.57	0.02
E840063		1.85	9.9	1.74	4.79	0.11	0.02	0.01	0.027	0.05	22.1	21.7	0.79	954	0.55	0.03
E840064		2.75	16.8	2.07	6.72	0.10	0.02	0.05	0.030	0.06	21.1	27.0	0.83	577	0.49	0.02
E840065		3.19	16.8	2.31	7.34	0.10	0.03	0.05	0.035	0.08	20.4	32.0	1.03	1135	0.47	0.02
E840066		3.39	18.8	2.46	7.38	0.09	0.03	0.05	0.036	0.08	19.2	30.8	1.02	1955	0.80	0.03
E840067		4.53	19.5	2.48	8.43	0.09	0.02	0.05	0.039	0.08	26.4	38.8	1.09	1575	0.62	0.03
E840068		4.63	21.3	2.42	8.65	0.10	0.02	0.03	0.034	0.07	23.0	45.1	1.09	1205	0.52	0.03
E840069		4.80	19.6	2.05	8.70	0.10	0.02	0.05	0.034	0.07	27.2	41.4	0.97	505	0.24	0.03
E840070		4.40	23.5	2.42	7.59	0.09	0.02	0.05	0.032	0.07	23.6	34.6	0.91	1340	0.44	0.03
E840071		4.88	23.7	2.33	7.95	0.09	0.02	0.03	0.038	0.06	21.0	39.8	0.88	1455	0.49	0.03
E840072		5.05	29.2	1.78	6.13	0.08	0.03	0.05	0.031	0.06	23.2	30.2	0.76	1000	0.46	0.03
E840073		3.97	177.5	2.42	6.25	0.10	0.02	0.03	0.029	0.06	25.3	36.0	0.88	1450	1.24	0.03
E840074		1.60	153.5	1.33	1.70	<0.05	0.03	0.08	0.018	0.03	11.9	5.7	0.26	1510	1.34	0.02
E840075		2.18	103.5	1.60	3.47	0.06	0.03	0.06	0.020	0.05	16.7	14.2	0.51	802	0.58	0.02
E840076		1.53	113.5	1.67	2.00	0.05	0.04	0.08	0.021	0.05	12.2	8.1	0.37	1945	1.22	0.02
E840077		2.57	80.3	2.36	4.94	0.08	0.03	0.06	0.029	0.08	17.6	21.3	0.72	1515	1.42	0.02
E840078		3.12	219.0	3.21	5.71	0.10	0.02	0.03	0.043	0.09	20.6	31.5	0.86	1300	1.41	0.03
E840079		2.58	35.4	2.34	4.33	0.10	0.03	0.02	0.025	0.10	18.8	20.4	0.81	756	0.45	0.03
E840080		2.51	91.7	2.44	4.33	0.09	0.02	0.03	0.030	0.08	18.7	21.6	0.73	1355	0.53	0.03
E840792		1.75	73.1	2.26	2.45	0.06	0.03	0.04	0.027	0.06	13.0	16.0	0.74	1210	1.56	0.02
E840793		2.11	42.9	3.53	3.12	0.11	0.03	0.02	0.038	0.06	33.3	23.6	0.69	1705	3.56	0.01
E840794		1.46	15.3	1.61	3.42	0.05	<0.02	0.02	0.017	0.05	10.3	13.0	0.31	302	1.72	<0.01
E840795		3.23	19.5	2.92	4.14	0.07	0.02	0.02	0.033	0.08	15.7	29.4	0.67	1540	1.41	0.01
E840796		0.93	16.6	1.13	1.42	<0.05	0.02	0.06	0.014	0.04	5.7	5.2	0.37	933	0.88	0.02
E840797		2.21	46.3	2.36	3.27	0.06	0.04	0.04	0.027	0.07	17.3	19.8	0.68	1155	1.17	0.02
E840798		2.08	61.6	2.66	4.16	0.09	0.03	0.03	0.030	0.08	25.9	24.6	0.73	1120	0.92	0.01
E840799		2.14	78.9	2.63	4.56	0.10	0.04	0.03	0.026	0.12	27.4	25.7	0.84	838	0.67	0.02
E840800		3.27	145.5	3.28	5.15	0.16	0.04	0.03	0.034	0.09	61.8	29.0	0.80	2000	2.18	0.01
E841701		1.47	42.1	3.34	4.68	0.10	0.05	0.01	0.032	0.07	31.9	31.3	0.80	893	1.74	0.02
E841702		1.94	36.3	2.80	4.64	0.10	0.05	0.02	0.023	0.12	24.9	25.0	0.82	825	0.63	0.02
E841703		2.23	45.7	2.58	4.08	0.14	0.05	0.04	0.029	0.08	28.2	26.5	0.72	257	0.70	0.01
E841704		2.46	132.5	2.95	5.22	0.19	0.09	0.05	0.034	0.10	41.7	30.1	0.80	646	0.76	0.01
E841705		2.14	111.5	3.19	4.99	0.16	0.08	0.06	0.031	0.08	30.0	30.4	0.77	401	1.00	0.01
E841706		0.90	270.0	1.74	2.73	0.34	0.18	0.14	0.024	0.04	107.0	11.1	0.40	861	1.55	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840056		0.69	19.6	970	19.2	24.2	<0.001	0.11	0.45	3.0	0.9	0.3	19.5	<0.01	0.06	2.5
E840057		1.13	32.7	640	23.2	23.6	<0.001	0.05	0.39	5.6	0.6	0.6	11.9	<0.01	0.03	7.1
E840058		0.83	19.8	630	15.0	16.6	<0.001	0.05	0.42	3.1	0.6	0.4	13.9	<0.01	0.03	4.2
E840059		0.79	19.5	940	20.6	24.4	<0.001	0.11	0.46	3.1	0.8	0.4	17.8	<0.01	0.04	3.0
E840060		0.76	18.8	970	30.7	19.1	<0.001	0.09	0.50	3.5	0.8	0.4	15.0	<0.01	0.04	4.2
E840061		1.57	27.1	740	19.6	22.9	<0.001	0.07	0.44	5.1	0.9	0.6	26.3	0.01	0.03	10.4
E840062		1.32	24.8	710	14.9	20.7	<0.001	0.05	0.41	4.7	0.7	0.6	19.2	<0.01	0.03	10.1
E840063		1.48	21.4	600	8.6	13.5	<0.001	0.03	0.28	4.8	0.5	0.5	13.7	<0.01	0.02	13.7
E840064		1.20	23.6	680	17.6	22.5	<0.001	0.04	0.41	4.6	0.6	0.6	14.5	<0.01	0.03	10.2
E840065		1.35	29.4	770	14.1	25.5	<0.001	0.06	0.42	5.3	0.7	0.6	17.9	<0.01	0.03	10.6
E840066		1.24	29.4	900	18.8	28.3	<0.001	0.07	0.47	5.0	0.9	0.6	20.0	<0.01	0.03	8.2
E840067		1.41	30.6	840	16.8	28.0	<0.001	0.07	0.43	5.2	0.8	0.6	25.2	<0.01	0.03	8.3
E840068		1.63	29.5	870	14.6	24.9	<0.001	0.06	0.45	4.6	0.7	0.7	29.9	0.01	0.04	6.1
E840069		1.62	26.8	880	17.8	25.7	<0.001	0.07	0.43	4.5	0.8	0.7	25.6	0.01	0.04	5.2
E840070		1.33	27.5	890	18.7	24.6	<0.001	0.07	0.43	4.2	0.8	0.6	21.2	0.01	0.04	6.2
E840071		1.35	26.1	690	17.6	23.2	<0.001	0.05	0.37	4.2	0.7	0.7	24.4	0.01	0.03	6.0
E840072		1.10	21.6	1140	15.9	24.5	<0.001	0.11	0.46	3.0	0.9	0.5	25.2	0.01	0.03	4.9
E840073		1.20	22.6	890	9.7	17.5	<0.001	0.07	0.35	3.2	0.7	0.5	25.4	0.01	0.04	5.2
E840074		0.28	10.1	1530	27.8	11.3	<0.001	0.18	0.53	1.3	1.0	0.2	25.9	<0.01	0.04	1.5
E840075		0.66	14.4	1140	15.7	14.4	<0.001	0.14	0.47	2.0	0.9	0.3	17.9	0.01	0.04	2.6
E840076		0.29	14.5	1550	28.8	12.9	<0.001	0.27	0.91	1.2	1.2	0.2	20.7	<0.01	0.06	1.0
E840077		0.83	22.0	870	23.9	25.8	<0.001	0.09	0.63	3.3	0.9	0.4	14.0	<0.01	0.04	3.6
E840078		1.24	30.2	630	46.3	25.6	<0.001	0.06	0.88	3.8	1.1	0.5	15.3	<0.01	0.05	6.7
E840079		1.20	20.6	620	13.3	23.5	<0.001	0.03	0.45	4.0	0.5	0.5	11.6	<0.01	0.03	9.5
E840080		1.14	22.0	450	24.7	20.8	<0.001	0.06	0.48	3.5	0.6	0.5	12.0	<0.01	0.03	7.1
E840792		0.34	25.6	870	21.3	15.6	0.002	0.17	0.95	1.4	1.4	0.2	32.6	<0.01	0.10	2.0
E840793		0.43	33.7	680	25.2	10.9	0.001	0.06	1.33	1.8	0.9	0.2	14.3	<0.01	0.18	7.7
E840794		0.45	10.8	370	23.8	14.9	<0.001	0.02	0.45	1.4	0.4	0.3	10.7	<0.01	0.04	2.5
E840795		0.65	15.5	330	35.6	24.1	<0.001	0.02	0.51	2.2	0.4	0.3	8.2	<0.01	0.06	6.6
E840796		0.21	7.9	1030	27.2	9.1	<0.001	0.16	0.46	0.8	0.7	0.2	38.3	<0.01	0.03	0.5
E840797		0.62	19.2	710	23.7	20.5	<0.001	0.10	0.72	2.1	0.9	0.3	25.9	<0.01	0.06	3.0
E840798		0.71	24.7	600	14.6	19.0	<0.001	0.04	0.60	3.2	0.7	0.3	13.9	<0.01	0.05	7.1
E840799		0.88	25.8	590	12.7	21.8	<0.001	0.05	0.55	3.5	0.8	0.4	17.7	<0.01	0.04	7.8
E840800		0.61	27.2	770	23.9	22.1	<0.001	0.04	0.79	3.4	1.1	0.4	14.2	<0.01	0.06	5.3
E841701		0.88	41.5	350	17.4	11.2	<0.001	0.03	0.97	3.0	0.7	0.3	12.5	<0.01	0.07	11.2
E841702		1.14	26.8	520	12.1	20.1	<0.001	0.01	0.50	3.5	0.5	0.4	12.9	<0.01	0.04	10.8
E841703		0.89	27.4	460	14.9	18.2	<0.001	0.01	0.53	3.6	0.7	0.3	13.4	0.01	0.05	11.3
E841704		0.94	35.3	620	19.1	20.5	<0.001	0.02	0.60	4.8	1.2	0.5	13.6	0.01	0.05	11.0
E841705		1.03	31.0	540	18.3	17.6	<0.001	0.01	0.63	4.6	0.9	0.4	13.2	0.01	0.05	13.0
E841706		0.31	23.9	1550	46.2	9.3	<0.001	0.22	2.23	1.7	5.1	<0.2	55.9	0.03	0.09	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840056	0.025	0.14	9.32	24	0.16	10.80	93	0.8
E840057	0.050	0.15	4.69	37	0.16	11.10	89	0.5
E840058	0.039	0.13	4.51	28	0.26	11.35	61	0.6
E840059	0.031	0.14	18.10	27	0.20	12.40	90	0.7
E840060	0.028	0.16	5.91	30	0.41	13.25	78	0.7
E840061	0.050	0.15	7.74	34	0.33	20.20	77	0.6
E840062	0.051	0.13	5.68	33	0.43	16.25	62	0.5
E840063	0.065	0.10	1.74	26	0.83	16.10	35	0.5
E840064	0.045	0.14	7.85	32	0.30	13.95	57	0.6
E840065	0.054	0.13	5.94	34	0.36	14.60	80	0.7
E840066	0.052	0.18	7.20	35	0.24	14.80	92	0.8
E840067	0.056	0.16	6.26	35	0.32	16.15	83	0.6
E840068	0.064	0.15	5.15	34	0.39	14.10	70	0.5
E840069	0.060	0.15	5.87	34	0.43	15.15	75	0.5
E840070	0.053	0.16	4.28	34	0.29	15.10	73	0.5
E840071	0.056	0.17	3.99	33	0.50	15.10	71	<0.5
E840072	0.036	0.16	4.76	24	0.28	18.35	67	0.6
E840073	0.058	0.13	2.46	27	0.41	18.15	55	<0.5
E840074	0.010	0.13	2.00	13	0.11	10.35	45	1.0
E840075	0.026	0.11	7.36	20	0.17	13.40	50	0.7
E840076	0.010	0.20	3.44	15	0.10	12.55	83	1.1
E840077	0.036	0.19	5.74	29	0.20	13.15	108	1.0
E840078	0.058	0.18	4.82	32	0.26	12.10	160	0.6
E840079	0.059	0.13	1.05	28	0.31	10.55	68	0.8
E840080	0.054	0.16	1.44	26	0.23	10.25	91	0.5
E840792	0.014	0.14	3.64	13	0.06	12.35	139	0.8
E840793	0.020	0.17	2.19	14	0.06	13.90	153	1.0
E840794	0.013	0.14	0.62	26	0.11	3.15	72	0.5
E840795	0.028	0.24	0.79	27	0.12	4.00	101	0.8
E840796	0.008	0.12	0.52	11	<0.05	4.46	93	0.8
E840797	0.022	0.16	2.03	21	0.09	11.05	102	1.0
E840798	0.031	0.13	1.37	22	0.14	11.85	114	0.9
E840799	0.039	0.15	1.24	24	0.19	14.00	85	1.0
E840800	0.031	0.22	4.14	29	0.14	21.20	143	0.7
E841701	0.036	0.14	1.98	27	0.17	14.70	174	1.7
E841702	0.054	0.14	0.81	27	0.22	11.85	73	1.7
E841703	0.040	0.15	1.72	24	0.16	11.15	98	0.9
E841704	0.043	0.18	4.26	30	0.22	19.70	94	0.9
E841705	0.042	0.14	3.67	30	0.22	13.90	72	1.6
E841706	0.007	0.10	26.10	12	0.14	54.50	86	1.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 29-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087734

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841707	0.30	<0.005	0.08	1.64	39.2	<0.2	<10	80	0.72	2.49	0.24	0.19	83.60	28.1	22
E841708	0.36	<0.005	0.05	1.70	41.1	<0.2	<10	40	0.58	3.02	0.07	0.10	39.90	14.6	24
E841709	0.28	<0.005	0.25	1.59	66.2	<0.2	<10	100	0.86	2.14	0.87	0.07	63.20	21.2	22
E841710	0.38	<0.005	0.06	1.32	50.3	<0.2	<10	40	0.68	1.30	0.13	0.06	64.70	18.0	19
E841711	0.38	<0.005	0.05	1.62	25.1	<0.2	<10	50	0.61	0.94	0.10	0.05	48.80	17.0	23
E841712	0.26	<0.005	0.30	1.29	30.4	<0.2	<10	230	1.89	0.78	1.48	0.22	207.00	14.3	15
E841713	0.18	<0.005	0.20	0.52	18.6	<0.2	<10	130	0.66	0.30	2.60	0.13	30.40	5.6	6
E841714	0.32	<0.005	0.20	1.32	69.0	<0.2	<10	120	0.81	0.79	1.44	0.15	56.30	17.7	18
E841715	0.38	<0.005	0.05	1.53	34.2	<0.2	<10	40	0.40	0.79	0.24	0.05	33.90	25.2	22
E841716	0.04	<0.005	<0.01	0.01	0.2	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.25	0.1	<1
E841717	0.32	<0.005	0.10	1.55	38.5	<0.2	<10	90	0.65	1.04	0.55	0.16	39.80	22.6	21
E841718	0.18	<0.005	0.14	1.06	55.6	<0.2	<10	70	0.65	0.96	1.74	0.17	23.60	16.7	14
E841719	0.18	<0.005	0.11	1.01	63.9	<0.2	<10	60	0.61	0.90	1.87	0.18	21.50	17.9	13
E842252	0.28	<0.005	0.03	2.29	5.0	<0.2	<10	110	2.91	0.17	0.89	0.11	48.00	17.0	47
E842253	0.28	<0.005	0.03	1.77	5.0	<0.2	<10	100	2.45	0.11	0.68	0.11	47.70	13.0	32
E842254	0.20	<0.005	0.04	1.87	5.4	<0.2	<10	190	2.70	0.16	0.97	0.13	42.50	12.9	33
E842255	0.14	<0.005	0.07	2.68	4.8	<0.2	<10	150	3.79	0.17	0.97	0.10	64.80	17.8	35
E842256	0.32	<0.005	0.03	1.68	3.5	<0.2	<10	60	2.28	0.09	0.69	0.11	50.40	15.1	34
E842257	0.24	<0.005	0.02	1.41	5.3	<0.2	<10	50	1.73	0.18	0.55	0.09	76.10	12.8	30
E842258	0.22	<0.005	0.04	1.61	7.7	<0.2	<10	80	2.17	0.30	0.60	0.18	66.20	14.7	32
E842259	0.30	<0.005	0.05	1.84	5.2	<0.2	<10	210	4.21	0.50	0.90	0.21	107.00	15.4	34
E842260	0.30	<0.005	0.02	1.52	10.7	<0.2	<10	80	2.48	0.15	0.59	0.10	94.10	15.1	38
E842261	0.34	<0.005	0.03	1.68	8.0	<0.2	<10	120	2.20	0.17	0.45	0.07	91.60	13.8	38
E842262	0.32	<0.005	0.01	1.22	3.9	<0.2	<10	100	1.14	0.09	0.55	0.06	51.40	7.2	32
E842263	0.32	<0.005	0.02	1.57	4.4	<0.2	<10	40	1.77	0.30	0.59	0.10	75.20	15.0	78
E842264	0.56	<0.005	0.02	1.84	4.0	<0.2	<10	400	3.79	0.62	0.34	0.19	107.50	19.6	38
E842265	0.74	<0.005	0.02	2.00	4.6	<0.2	<10	70	1.85	0.48	0.33	0.19	46.30	22.0	33
E842266	0.20	<0.005	0.04	1.82	6.9	<0.2	<10	80	2.90	1.14	0.58	0.14	49.30	17.2	53
E842267	0.32	<0.005	0.08	2.08	9.5	<0.2	<10	110	3.24	1.41	0.51	0.19	49.50	36.9	75
E842268	0.18	<0.005	0.06	2.38	8.5	<0.2	<10	160	5.62	1.03	0.51	0.20	68.30	24.9	35
E842269	0.26	<0.005	0.09	1.16	6.5	<0.2	<10	140	0.70	0.21	2.24	0.22	38.60	10.7	26
E842270	0.40	<0.005	0.09	1.00	6.4	<0.2	<10	120	0.71	0.21	0.79	0.22	38.70	10.0	24
E842271	0.30	<0.005	0.03	1.37	5.8	<0.2	<10	60	1.44	0.21	0.51	0.12	38.60	10.1	30
E842272	0.26	<0.005	0.08	1.30	7.3	<0.2	<10	80	1.04	0.21	0.67	0.11	37.40	10.8	30
E842273	0.56	<0.005	0.04	1.91	9.8	<0.2	<10	100	2.39	0.77	0.48	0.26	54.00	18.8	70
E842274	0.28	<0.005	0.04	1.31	7.8	<0.2	<10	60	1.63	1.60	0.40	0.18	51.20	16.6	67
E842275	0.22	0.012	0.04	1.68	6.6	<0.2	<10	80	2.34	0.83	0.35	0.10	51.20	11.2	34
E842276	0.28	<0.005	0.04	1.75	6.3	<0.2	<10	80	2.31	0.71	0.32	0.08	51.30	11.0	34
E842277	0.32	<0.005	0.04	0.99	5.9	<0.2	<10	70	0.93	0.40	0.48	0.18	40.30	9.9	25
E842278	0.28	<0.005	0.05	0.87	5.4	<0.2	<10	90	0.71	0.17	1.42	0.20	35.40	8.9	23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841707		1.11	69.6	3.61	4.62	0.15	0.06	0.03	0.046	0.04	27.8	32.6	0.60	1220	0.89	<0.01
E841708		1.70	42.5	3.74	4.94	0.12	0.03	0.02	0.034	0.04	17.2	36.3	0.57	478	2.43	<0.01
E841709		1.62	105.0	2.66	4.32	0.18	0.11	0.07	0.044	0.05	44.3	30.7	0.54	597	2.65	0.01
E841710		1.12	84.1	2.62	3.80	0.16	0.07	0.02	0.027	0.03	34.6	28.7	0.52	576	0.77	<0.01
E841711		1.17	72.8	3.14	4.62	0.13	0.04	0.01	0.023	0.04	23.9	36.9	0.67	449	0.51	<0.01
E841712		1.26	425.0	2.00	5.13	0.75	0.24	0.11	0.028	0.05	202.0	20.9	0.43	579	1.35	0.01
E841713		0.36	134.0	0.85	1.24	0.11	0.06	0.07	0.014	0.02	26.2	4.5	0.21	557	2.05	0.02
E841714		0.92	163.0	2.41	3.53	0.18	0.08	0.06	0.021	0.06	51.4	22.7	0.50	564	1.32	0.01
E841715		0.83	43.5	3.23	4.57	0.10	0.02	0.01	0.018	0.04	16.6	34.6	0.67	664	0.77	<0.01
E841716		<0.05	0.8	0.03	0.07	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.2	<0.01	<5	<0.05	<0.01
E841717		1.25	123.0	3.07	4.20	0.11	0.06	0.06	0.030	0.05	20.4	28.8	0.63	1050	0.86	0.01
E841718		1.19	99.9	2.72	2.79	0.10	0.06	0.06	0.038	0.04	13.7	18.2	0.64	1140	1.90	0.01
E841719		1.02	109.5	2.62	3.21	0.07	0.04	0.06	0.032	0.04	13.5	22.0	0.64	1060	1.79	0.01
E842252		3.77	5.9	2.65	14.40	0.34	0.05	0.04	0.057	0.11	27.4	40.2	3.20	1300	0.35	0.01
E842253		1.90	6.7	2.14	10.40	0.24	0.05	0.03	0.049	0.04	24.7	31.2	2.23	1360	0.36	0.01
E842254		1.84	7.8	2.27	9.37	0.19	0.05	0.03	0.048	0.08	21.8	29.5	2.11	1720	0.59	0.01
E842255		2.79	5.3	2.44	15.90	0.24	0.07	0.07	0.076	0.04	38.7	47.0	3.09	1790	0.53	0.01
E842256		1.54	5.0	1.89	10.50	0.22	0.04	0.04	0.045	0.03	28.5	31.8	2.04	1820	0.28	0.01
E842257		1.66	6.0	2.17	7.74	0.20	0.04	0.02	0.045	0.03	41.4	22.0	1.18	1410	0.70	<0.01
E842258		6.63	38.4	2.38	7.68	0.20	0.06	0.03	0.042	0.04	37.8	26.6	1.23	1920	0.74	0.01
E842259		3.44	31.1	2.61	8.98	0.20	0.07	0.06	0.079	0.07	50.3	39.1	0.93	2510	0.68	0.01
E842260		2.30	15.1	2.06	10.65	0.25	0.05	0.02	0.038	0.06	48.5	39.6	1.45	1390	0.47	0.01
E842261		2.66	41.0	2.25	9.65	0.13	0.03	0.04	0.040	0.04	43.1	32.2	1.24	1010	0.45	0.01
E842262		1.66	12.7	1.79	5.03	0.15	0.03	0.02	0.016	0.06	28.3	17.4	1.14	836	0.20	0.01
E842263		3.44	32.9	2.52	11.05	0.11	0.02	0.02	0.045	0.04	32.6	42.7	1.36	1040	0.43	0.01
E842264		3.27	30.4	3.00	9.96	0.15	0.03	0.04	0.073	0.06	42.7	52.6	1.00	1390	0.61	0.01
E842265		2.81	26.4	3.44	11.55	0.09	0.02	0.05	0.058	0.07	19.7	67.1	1.24	1110	0.49	0.01
E842266		4.31	96.8	2.98	8.09	0.09	0.02	0.04	0.043	0.05	25.6	34.0	0.82	984	0.98	0.01
E842267		4.19	166.5	4.18	8.93	0.17	0.05	0.05	0.059	0.07	22.4	52.0	1.40	1640	1.00	0.01
E842268		6.57	133.0	3.52	9.54	0.18	0.11	0.05	0.091	0.07	35.4	52.1	1.12	1780	1.07	0.02
E842269		2.67	31.9	2.24	4.56	0.14	0.12	0.05	0.025	0.16	19.4	19.7	1.24	662	0.76	0.02
E842270		2.06	28.1	2.32	4.09	0.15	0.07	0.03	0.025	0.09	19.7	17.9	0.92	640	0.70	0.02
E842271		3.43	13.4	2.13	6.37	0.10	0.02	0.04	0.032	0.06	20.8	24.7	0.98	1230	0.36	0.01
E842272		4.46	77.6	2.30	5.81	0.11	0.04	0.03	0.027	0.14	21.8	23.3	1.06	765	0.46	0.02
E842273		3.39	132.5	3.29	8.54	0.11	0.03	0.07	0.056	0.08	27.5	39.5	1.19	1475	0.78	0.01
E842274		1.88	128.0	3.05	5.75	0.09	0.02	0.06	0.047	0.06	25.8	26.1	0.88	896	0.78	<0.01
E842275		3.03	33.1	2.72	7.37	0.09	0.02	0.05	0.063	0.06	25.1	36.3	0.79	830	0.59	0.01
E842276		2.98	31.9	2.71	7.24	0.08	0.02	0.04	0.062	0.06	24.1	35.2	0.78	807	0.56	<0.01
E842277		1.96	26.6	2.06	4.25	0.10	0.03	0.03	0.024	0.07	20.8	18.5	0.71	737	0.57	0.01
E842278		1.51	22.7	1.98	3.69	0.10	0.06	0.02	0.018	0.09	18.9	14.9	0.93	527	0.45	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841707		0.28	30.3	570	15.4	6.7	<0.001	0.02	0.61	3.2	1.0	0.2	11.1	0.01	0.05	12.0
E841708		0.39	25.9	320	16.6	9.9	<0.001	0.01	0.48	2.5	0.5	0.2	5.7	0.01	0.06	11.5
E841709		0.42	26.6	790	17.8	12.7	<0.001	0.06	0.52	3.5	2.1	0.2	21.8	0.01	0.06	7.7
E841710		0.35	26.4	420	6.6	7.5	<0.001	<0.01	0.38	2.9	0.8	0.2	6.9	0.01	0.04	11.6
E841711		0.43	28.4	400	6.3	8.2	<0.001	<0.01	0.32	2.8	0.5	0.2	6.4	<0.01	0.04	13.0
E841712		0.41	25.4	1230	17.1	11.4	<0.001	0.15	0.79	3.3	4.5	0.2	40.4	0.03	0.06	5.5
E841713		0.18	11.4	1110	14.0	2.8	0.001	0.22	0.63	1.2	3.1	<0.2	44.4	0.01	0.04	1.6
E841714		0.29	21.5	960	11.8	10.1	<0.001	0.09	0.52	2.5	1.9	<0.2	21.9	0.01	0.05	6.4
E841715		0.36	25.7	330	8.8	7.3	<0.001	0.02	0.31	2.5	0.6	0.2	7.4	<0.01	0.05	10.4
E841716		<0.05	0.5	10	1.5	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E841717		0.41	27.2	810	12.7	10.0	<0.001	0.06	0.48	3.2	1.2	0.2	14.3	0.01	0.06	8.3
E841718		0.30	24.5	830	13.7	10.8	<0.001	0.13	1.16	2.8	2.1	0.2	32.1	0.01	0.07	3.7
E841719		0.28	27.2	860	12.5	10.6	<0.001	0.14	1.07	2.5	1.7	0.2	33.3	0.01	0.06	3.2
E842252		2.20	54.2	990	6.6	36.3	<0.001	0.04	0.25	10.8	1.1	0.9	8.7	0.01	0.04	12.2
E842253		1.65	40.7	810	5.9	18.2	<0.001	0.03	0.29	9.7	0.9	0.8	8.7	0.01	0.02	8.5
E842254		1.45	38.9	920	8.2	37.1	<0.001	0.05	0.33	8.3	1.0	0.7	10.7	0.01	0.02	6.1
E842255		1.19	50.4	990	9.8	21.2	<0.001	0.07	0.26	12.3	1.6	0.8	10.3	0.02	0.03	7.1
E842256		1.13	40.7	860	5.2	16.7	<0.001	0.04	0.22	8.8	1.0	0.6	7.4	0.01	0.02	7.5
E842257		1.26	26.8	600	5.6	11.6	<0.001	0.02	0.40	7.1	0.7	0.7	10.0	0.01	0.04	8.9
E842258		1.63	28.6	830	13.3	12.3	<0.001	0.03	0.57	7.2	0.9	0.9	19.5	0.01	0.04	10.1
E842259		1.25	29.6	1330	21.8	20.2	<0.001	0.09	0.56	4.7	1.6	0.8	22.1	0.02	0.03	6.3
E842260		2.15	38.3	740	10.6	23.6	<0.001	0.03	0.76	9.1	0.9	1.2	9.7	0.01	0.02	12.1
E842261		1.71	34.1	780	19.7	17.3	0.001	0.03	0.65	6.8	0.7	0.9	7.8	<0.01	0.02	9.7
E842262		1.25	21.1	740	15.0	13.3	<0.001	0.03	0.35	4.8	0.6	0.6	5.9	0.01	0.01	7.1
E842263		1.53	66.1	880	19.0	14.1	<0.001	0.05	0.37	4.4	0.7	0.9	7.8	<0.01	0.02	3.3
E842264		3.37	33.6	820	44.4	16.8	<0.001	0.03	0.53	5.7	0.8	1.3	24.7	0.01	0.05	9.7
E842265		2.91	35.9	690	26.9	17.1	<0.001	0.05	0.48	3.7	0.6	1.1	33.3	<0.01	0.04	6.5
E842266		1.31	40.7	810	18.1	18.9	<0.001	0.05	0.54	2.4	1.1	0.7	26.1	0.01	0.05	2.4
E842267		1.66	75.8	830	32.6	23.9	<0.001	0.05	0.61	4.2	1.4	0.8	28.3	0.01	0.08	6.7
E842268		1.57	40.4	880	58.1	24.3	<0.001	0.05	0.74	5.9	2.0	1.0	40.7	0.02	0.11	11.2
E842269		0.81	28.4	830	10.7	26.2	<0.001	0.01	0.57	5.1	0.7	0.6	30.5	0.01	0.03	10.0
E842270		1.27	25.2	860	10.5	21.4	<0.001	0.01	0.56	4.7	0.8	0.5	19.5	0.01	0.03	10.3
E842271		1.05	24.9	850	10.9	17.7	<0.001	0.04	0.37	4.7	0.6	0.6	14.9	<0.01	0.04	5.6
E842272		1.55	26.9	800	11.0	38.7	<0.001	0.02	0.48	6.0	0.5	0.7	16.7	<0.01	0.04	13.8
E842273		1.17	57.5	930	27.7	26.9	<0.001	0.06	0.66	6.2	0.9	0.7	15.7	0.01	0.07	7.0
E842274		0.88	53.0	810	18.8	15.5	<0.001	0.05	0.60	3.7	0.7	0.5	13.8	<0.01	0.06	4.3
E842275		1.46	27.0	720	23.1	19.8	<0.001	0.04	0.50	4.8	0.7	0.8	13.5	<0.01	0.05	8.7
E842276		1.37	25.4	640	23.8	18.6	<0.001	0.03	0.45	4.9	0.8	0.8	12.4	<0.01	0.05	9.6
E842277		1.27	22.8	560	12.6	20.8	<0.001	0.02	0.48	4.7	0.5	0.5	13.9	<0.01	0.04	8.4
E842278		0.99	20.3	820	7.5	18.1	<0.001	0.01	0.44	3.8	0.4	0.5	20.5	<0.01	0.03	9.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 29-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841707		0.006	0.06	1.42	17	0.09	12.35	108	0.7
E841708		0.006	0.07	1.77	22	0.07	5.35	106	0.6
E841709		0.008	0.09	12.05	21	0.09	24.30	81	1.0
E841710		0.014	0.04	4.01	17	0.12	13.55	57	0.7
E841711		0.015	0.06	1.23	20	0.09	5.94	42	0.8
E841712		0.009	0.09	7.27	15	0.18	78.10	60	1.2
E841713		0.005	0.03	11.30	6	0.05	14.15	14	1.0
E841714		0.006	0.05	12.40	14	0.11	19.65	41	0.9
E841715		0.011	0.04	0.75	20	0.08	3.93	35	0.5
E841716		<0.005	<0.02	0.09	<1	<0.05	0.67	3	0.5
E841717		0.010	0.07	5.41	20	0.10	10.25	48	0.9
E841718		0.009	0.06	7.09	14	0.07	12.35	76	0.7
E841719		0.008	0.07	7.05	13	0.13	12.25	76	0.7
E842252		0.107	0.07	2.62	51	0.38	23.30	42	<0.5
E842253		0.091	0.06	2.35	39	0.43	21.30	31	<0.5
E842254		0.086	0.10	2.39	42	0.49	20.40	43	0.5
E842255		0.053	0.08	10.95	44	0.36	33.10	31	<0.5
E842256		0.061	0.08	2.04	38	0.30	19.55	26	0.6
E842257		0.065	0.07	3.13	38	1.67	14.60	28	<0.5
E842258		0.090	0.14	3.47	38	2.01	19.25	36	<0.5
E842259		0.053	0.09	4.65	38	0.92	23.40	58	<0.5
E842260		0.102	0.25	2.59	39	1.15	16.40	38	<0.5
E842261		0.085	0.13	2.48	38	0.94	14.65	40	<0.5
E842262		0.086	0.08	1.52	34	0.46	9.33	35	<0.5
E842263		0.085	0.07	3.02	44	0.62	12.00	54	<0.5
E842264		0.132	0.09	3.44	43	1.41	21.70	76	<0.5
E842265		0.112	0.10	2.69	37	0.92	12.85	70	<0.5
E842266		0.061	0.10	25.70	41	0.71	18.50	53	<0.5
E842267		0.073	0.11	5.55	44	1.03	19.75	65	<0.5
E842268		0.068	0.16	14.25	45	1.02	33.70	90	<0.5
E842269		0.084	0.13	1.27	37	0.41	11.95	57	3.3
E842270		0.068	0.11	1.28	35	0.43	12.30	59	1.5
E842271		0.079	0.17	1.76	33	0.46	11.95	55	<0.5
E842272		0.092	0.18	1.03	36	0.44	13.00	52	0.8
E842273		0.074	0.15	2.76	47	0.68	16.75	80	<0.5
E842274		0.057	0.09	1.78	40	0.57	10.70	62	<0.5
E842275		0.069	0.15	2.20	41	0.57	12.90	50	<0.5
E842276		0.066	0.16	2.43	41	0.63	13.05	50	<0.5
E842277		0.067	0.11	0.93	32	0.48	12.10	45	0.7
E842278		0.072	0.10	0.78	31	0.29	10.30	45	2.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842279		0.30	<0.005	0.06	1.15	6.9	<0.2	<10	80	0.91	0.26	0.62	0.14	33.60	9.6	26
E842280		0.44	0.007	0.06	1.13	6.8	<0.2	<10	100	0.96	0.21	0.49	0.12	33.60	9.7	27
E842281		0.04	<0.005	<0.01	0.01	0.8	<0.2	<10	10	<0.05	<0.01	0.01	0.01	1.10	0.1	<1
E842282		0.34	<0.005	0.04	1.22	7.3	<0.2	<10	80	1.23	0.26	0.33	0.12	45.00	12.0	27
E842283		0.38	0.010	0.06	1.19	7.8	<0.2	<10	120	1.17	0.32	0.38	0.19	47.50	13.4	26
E842284		0.20	<0.005	0.07	1.58	7.6	<0.2	<10	180	1.97	0.96	0.29	0.12	35.90	12.4	25
E842285		0.36	<0.005	0.08	1.21	8.0	<0.2	<10	80	0.55	0.86	0.12	0.07	23.50	5.7	18
E842286		0.32	<0.005	0.10	1.72	7.6	<0.2	<10	270	2.23	1.43	0.97	0.16	69.50	20.9	26
E842287		0.28	<0.005	0.06	1.78	8.4	<0.2	<10	150	1.98	1.55	0.57	0.15	93.30	26.5	27
E842288		0.20	<0.005	0.10	1.69	8.9	<0.2	<10	180	1.81	2.11	1.12	0.14	82.30	20.0	24
E842289		0.44	<0.005	0.02	2.21	10.2	<0.2	<10	90	1.35	0.71	0.16	0.11	50.60	14.7	30
E842290		0.20	<0.005	0.07	1.63	8.7	<0.2	<10	100	0.94	0.65	0.13	0.11	32.90	10.0	22
E842291		0.24	<0.005	0.07	2.21	16.6	<0.2	<10	200	1.98	1.14	0.32	0.18	56.50	20.2	29
E842292		0.24	<0.005	0.08	1.70	10.1	<0.2	<10	240	2.98	1.12	1.25	0.19	190.50	28.9	24
E842293		0.16	<0.005	0.13	0.64	11.0	<0.2	<10	70	0.39	0.83	0.10	0.08	20.30	9.1	13
E842294		0.32	<0.005	0.06	1.72	10.8	<0.2	<10	150	1.98	1.33	0.69	0.14	73.80	25.5	23
E842295		0.18	<0.005	0.10	0.89	46.6	<0.2	<10	270	4.13	9.78	1.78	0.18	44.80	94.7	11
E842296		0.22	0.015	0.16	1.82	74.1	<0.2	<10	180	2.65	3.33	0.98	0.15	113.50	68.9	15
E842297		0.20	<0.005	0.86	2.41	57.4	<0.2	<10	90	3.44	4.03	0.53	2.86	213.00	45.1	28
E842298		0.30	0.005	0.37	2.00	48.9	<0.2	<10	130	2.86	7.15	0.80	0.24	217.00	48.9	22
E842299		0.22	<0.005	0.52	1.49	66.5	<0.2	<10	90	2.56	17.00	1.86	0.59	71.50	63.8	18
E842300		0.36	<0.005	0.14	1.66	18.8	<0.2	<10	170	1.87	4.71	1.47	0.16	62.70	46.7	18
E842301		0.24	<0.005	0.06	1.57	13.7	<0.2	<10	150	1.56	1.45	0.63	0.13	67.30	28.3	20
E842302		0.18	<0.005	0.75	1.64	122.5	<0.2	<10	50	2.71	5.12	1.14	1.59	94.70	50.7	18
E842303		0.16	<0.005	0.85	1.45	55.4	<0.2	<10	30	1.59	2.59	2.16	0.70	44.20	36.9	18
E842304		0.30	<0.005	0.11	1.77	12.1	<0.2	<10	170	1.92	1.41	0.88	0.15	66.00	23.4	25
E842305		0.42	<0.005	0.08	2.00	7.3	<0.2	<10	110	2.01	2.03	0.43	0.10	97.50	23.4	28
E842306		0.38	<0.005	0.11	1.38	5.5	<0.2	<10	80	1.11	3.58	0.35	0.12	61.10	21.3	22
E842307		0.28	<0.005	0.13	1.95	7.4	<0.2	<10	140	1.80	2.42	0.78	0.14	57.10	21.0	25
E842308		0.28	<0.005	0.07	1.32	6.4	<0.2	<10	110	0.78	1.08	0.38	0.17	43.30	13.9	20
E842309		0.34	0.008	0.09	2.26	11.0	<0.2	<10	90	2.03	1.01	0.64	0.13	68.20	23.8	29
E842310		0.20	<0.005	0.11	2.23	10.7	<0.2	<10	130	2.33	1.39	0.77	0.13	91.00	24.7	31
E842311		0.20	<0.005	0.05	1.78	5.8	<0.2	<10	70	0.96	1.00	0.24	0.11	36.70	16.3	24
E842312		0.40	<0.005	0.06	1.37	6.6	<0.2	<10	60	0.73	0.61	0.13	0.16	25.60	8.9	21
E842313		0.32	<0.005	0.05	1.45	6.7	<0.2	<10	90	0.95	0.55	0.31	0.16	49.00	10.9	25
E842314		0.32	<0.005	0.09	1.58	8.3	<0.2	<10	120	1.45	0.45	0.37	0.28	67.90	14.6	31
E842315		0.36	<0.005	0.05	1.38	7.5	<0.2	<10	70	0.95	0.36	0.26	0.18	38.80	11.1	28
E842316		0.24	0.005	0.06	0.66	4.5	<0.2	<10	70	0.32	0.37	0.16	0.05	24.60	6.8	16
E842317		0.18	<0.005	0.09	1.71	9.0	<0.2	<10	110	1.64	0.46	0.38	0.13	54.30	11.3	26
E842318		0.34	<0.005	0.05	1.65	8.6	<0.2	<10	110	1.65	0.61	0.41	0.23	58.30	13.1	25

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842279	2.63	19.9	2.17	5.11	0.11	0.04	0.02	0.030	0.10	17.8	21.0	0.80	593	0.52	0.01
E842280	2.13	26.3	2.23	5.00	0.10	0.04	0.02	0.024	0.07	19.0	20.4	0.78	592	0.49	0.01
E842281	<0.05	0.6	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	<5	<0.05	<0.01
E842282	1.81	33.0	2.33	5.37	0.09	0.02	0.03	0.026	0.06	22.5	22.1	0.70	541	0.60	0.01
E842283	1.72	40.2	2.58	4.88	0.09	0.03	0.03	0.028	0.07	24.7	22.3	0.69	997	0.66	0.01
E842284	4.17	57.1	3.04	6.46	0.06	0.02	0.08	0.034	0.06	16.5	35.9	0.48	827	2.26	<0.01
E842285	2.55	28.3	2.52	6.32	<0.05	<0.02	0.04	0.029	0.07	11.9	19.9	0.28	478	1.17	<0.01
E842286	3.24	91.1	3.10	7.23	0.11	0.04	0.05	0.052	0.08	38.8	45.4	0.85	2160	1.27	0.01
E842287	2.31	35.9	3.24	6.63	0.12	0.03	0.05	0.047	0.05	41.1	39.9	0.80	1880	1.01	0.01
E842288	3.74	59.2	2.79	6.41	0.12	0.04	0.07	0.040	0.05	45.5	39.5	0.71	1965	0.87	0.01
E842289	2.60	24.0	3.26	6.89	0.07	0.02	0.03	0.041	0.05	19.6	46.4	0.59	831	1.00	<0.01
E842290	2.40	19.8	2.69	6.91	0.06	<0.02	0.04	0.028	0.07	16.0	30.6	0.34	594	1.41	<0.01
E842291	3.26	44.7	3.94	7.53	0.10	0.05	0.05	0.049	0.07	34.5	34.7	0.76	2500	1.84	<0.01
E842292	3.47	78.0	3.21	7.12	0.16	0.06	0.13	0.046	0.07	84.3	33.4	0.86	2970	1.06	0.01
E842293	2.42	17.1	1.57	3.15	<0.05	<0.02	0.07	0.018	0.05	11.3	5.2	0.15	175	1.84	0.01
E842294	2.96	38.2	3.61	6.61	0.12	0.04	0.03	0.043	0.05	40.4	41.8	1.03	2050	1.20	<0.01
E842295	1.09	96.1	5.27	3.71	0.12	0.07	0.12	0.097	0.03	23.5	12.5	0.39	5510	2.59	<0.01
E842296	1.73	78.4	7.36	6.75	0.18	0.06	0.09	0.058	0.04	61.2	39.1	1.08	5660	2.44	<0.01
E842297	5.62	64.6	5.55	9.53	0.32	0.09	0.07	0.099	0.06	146.0	63.8	0.92	3420	2.59	<0.01
E842298	2.04	125.5	5.18	7.93	0.23	0.10	0.07	0.098	0.06	114.5	44.6	0.91	3990	2.07	<0.01
E842299	2.50	31.8	4.87	4.77	0.15	0.04	0.12	0.030	0.07	37.7	28.1	0.67	3150	2.19	0.01
E842300	1.67	21.5	3.93	5.61	0.10	0.04	0.09	0.065	0.08	34.0	35.1	0.73	3950	1.98	0.01
E842301	2.26	28.4	3.33	6.36	0.09	0.04	0.06	0.039	0.04	30.3	35.3	0.80	2050	1.51	<0.01
E842302	3.54	157.5	5.70	5.88	0.15	0.06	0.06	0.060	0.05	60.3	33.0	0.74	2150	2.73	<0.01
E842303	4.15	76.7	4.29	4.91	0.13	0.03	0.07	0.030	0.04	25.1	30.8	0.68	1715	2.25	0.02
E842304	4.44	34.5	3.21	7.38	0.11	0.03	0.03	0.050	0.08	36.3	44.9	0.79	2030	1.45	0.01
E842305	4.80	57.7	3.20	7.55	0.12	0.03	0.03	0.053	0.08	35.1	51.2	1.01	1715	0.92	0.01
E842306	2.45	37.3	2.82	7.01	0.10	0.02	0.04	0.057	0.06	29.6	38.4	0.71	1075	1.15	<0.01
E842307	3.54	39.5	3.36	8.05	0.10	0.04	0.07	0.061	0.07	28.7	48.4	0.81	1900	1.16	0.01
E842308	3.18	23.5	3.06	7.80	0.07	0.02	0.05	0.043	0.08	19.5	30.2	0.45	732	1.76	<0.01
E842309	6.57	71.5	3.38	8.11	0.10	0.03	0.11	0.030	0.08	23.4	54.2	0.74	1320	1.07	0.01
E842310	7.15	95.5	3.41	9.08	0.13	0.05	0.04	0.036	0.08	52.9	49.5	0.97	1555	1.65	0.02
E842311	3.96	31.7	2.86	8.34	0.07	0.02	0.05	0.029	0.06	18.1	36.1	0.74	731	1.52	0.01
E842312	5.13	25.3	2.25	6.98	0.06	<0.02	0.09	0.021	0.10	12.1	26.0	0.54	579	0.83	0.01
E842313	3.60	16.9	2.35	6.83	0.08	0.02	0.05	0.019	0.07	22.0	32.0	0.65	1000	0.61	0.01
E842314	2.70	34.8	2.70	6.73	0.10	0.03	0.04	0.039	0.07	29.1	30.7	0.79	956	0.80	0.01
E842315	2.96	16.9	2.35	6.58	0.07	0.03	0.04	0.029	0.06	19.9	27.9	0.70	467	0.59	0.01
E842316	2.62	7.1	1.64	5.20	0.05	<0.02	0.05	0.018	0.06	12.8	11.0	0.24	472	0.73	<0.01
E842317	3.23	21.1	2.60	8.14	0.07	0.03	0.07	0.033	0.06	26.4	29.8	0.58	720	1.02	0.01
E842318	2.86	18.1	2.46	7.43	0.07	0.02	0.09	0.036	0.11	27.6	31.5	0.70	1515	0.80	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 29-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842279		1.38	23.4	530	10.7	26.5	<0.001	0.03	0.46	5.0	0.5	0.5	15.5	<0.01	0.04	6.9
E842280		1.41	24.0	720	10.0	24.5	<0.001	0.01	0.46	5.0	0.5	0.6	16.4	<0.01	0.04	10.7
E842281		<0.05	0.3	10	0.4	0.2	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	0.01	0.3
E842282		1.45	24.0	560	9.2	18.7	<0.001	0.02	0.50	4.1	0.6	0.6	15.9	<0.01	0.04	8.8
E842283		1.05	24.8	860	10.2	16.4	<0.001	0.02	0.51	4.3	0.6	0.5	17.7	<0.01	0.05	9.2
E842284		1.40	17.0	710	10.8	18.6	<0.001	0.09	0.67	1.8	0.9	0.7	19.6	0.01	0.07	1.1
E842285		1.32	10.8	730	11.3	23.1	<0.001	0.06	0.65	1.3	0.6	0.8	12.0	<0.01	0.06	0.4
E842286		0.94	23.0	1080	9.7	22.2	<0.001	0.08	0.59	3.4	1.4	0.5	32.1	0.01	0.08	4.1
E842287		1.00	23.7	680	17.5	15.4	<0.001	0.07	0.53	2.9	1.0	0.5	25.6	0.01	0.07	3.8
E842288		0.81	22.8	940	15.8	19.2	<0.001	0.09	0.50	2.8	1.3	0.5	23.6	0.01	0.06	2.5
E842289		1.99	25.9	400	8.4	16.6	<0.001	0.02	0.63	3.6	0.7	0.6	14.5	0.02	0.05	5.1
E842290		1.41	15.3	610	9.6	19.4	<0.001	0.05	0.62	2.0	0.7	0.8	13.4	0.01	0.06	1.2
E842291		0.77	23.8	1310	17.7	19.4	<0.001	0.08	0.61	3.4	1.0	0.5	14.7	0.01	0.07	3.4
E842292		0.76	25.0	1290	8.7	22.4	<0.001	0.13	0.52	3.1	1.6	0.5	18.0	0.01	0.09	4.2
E842293		0.44	10.2	1240	9.5	12.2	<0.001	0.13	0.60	0.5	0.8	0.5	8.7	<0.01	0.05	<0.2
E842294		0.83	24.5	920	8.7	15.3	<0.001	0.06	0.50	2.9	1.1	0.4	17.9	0.01	0.06	4.0
E842295		0.32	24.8	1740	7.6	6.8	<0.001	0.37	0.59	2.4	2.3	0.2	16.3	0.02	0.09	1.9
E842296		0.45	67.1	1210	18.5	9.6	<0.001	0.16	1.53	3.1	1.5	0.2	11.4	0.02	0.16	4.7
E842297		0.83	49.2	1060	318.0	17.4	<0.001	0.10	2.87	4.7	2.4	0.5	8.6	0.02	0.15	19.1
E842298		0.46	50.9	1100	23.8	12.7	<0.001	0.12	1.34	4.8	2.0	0.3	9.3	0.01	0.14	7.4
E842299		0.67	42.4	1250	41.9	12.4	<0.001	0.33	0.91	1.7	1.5	0.3	32.9	0.01	0.12	2.0
E842300		0.59	21.3	1380	7.5	17.5	<0.001	0.16	0.51	2.5	1.4	0.3	13.6	0.01	0.06	4.0
E842301		0.63	24.1	910	10.0	12.4	<0.001	0.07	0.61	2.7	0.9	0.4	11.6	0.01	0.07	4.0
E842302		0.77	52.4	970	322.0	14.3	<0.001	0.19	3.28	2.9	1.6	0.3	11.4	0.01	0.15	5.8
E842303		0.85	36.2	1080	97.5	10.4	<0.001	0.25	1.29	1.4	1.5	0.3	18.7	0.01	0.11	2.0
E842304		0.84	21.6	1180	15.9	22.4	<0.001	0.10	0.58	2.4	1.2	0.5	22.6	0.01	0.06	2.1
E842305		1.20	24.4	810	21.8	21.2	<0.001	0.06	0.48	3.4	0.9	0.7	20.8	0.01	0.06	4.2
E842306		1.18	17.7	610	15.8	16.0	<0.001	0.05	0.49	3.1	0.8	0.6	27.3	<0.01	0.07	3.2
E842307		0.76	22.7	1110	12.4	23.2	<0.001	0.09	0.53	2.8	1.1	0.6	23.7	0.01	0.05	2.2
E842308		1.28	14.5	630	10.4	34.3	<0.001	0.07	0.54	2.3	0.7	0.8	16.9	<0.01	0.06	1.9
E842309		1.68	24.8	860	12.6	25.5	<0.001	0.07	0.59	3.3	1.0	0.7	23.0	0.01	0.05	3.5
E842310		1.12	30.5	990	21.7	23.7	<0.001	0.07	0.54	4.4	1.4	0.7	36.4	0.01	0.06	4.9
E842311		1.23	20.5	610	15.7	16.9	<0.001	0.06	0.47	2.7	0.7	0.7	25.9	<0.01	0.05	2.3
E842312		1.42	17.1	620	10.8	24.5	<0.001	0.06	0.56	2.3	0.6	0.8	14.9	<0.01	0.05	2.2
E842313		1.12	21.8	680	10.1	21.1	<0.001	0.05	0.52	3.2	0.7	0.7	19.0	<0.01	0.06	3.7
E842314		1.53	30.6	470	21.1	17.8	<0.001	0.02	0.66	5.0	0.8	0.7	23.1	<0.01	0.06	8.5
E842315		1.70	24.7	500	13.9	18.6	<0.001	0.02	0.47	4.6	0.6	0.7	19.5	<0.01	0.04	9.2
E842316		1.32	10.6	380	9.2	18.6	<0.001	0.04	0.44	1.8	0.4	0.8	14.3	<0.01	0.03	1.2
E842317		1.25	22.2	980	20.3	22.0	<0.001	0.07	0.59	2.8	0.9	0.7	17.1	0.01	0.05	2.9
E842318		1.00	24.4	1090	20.4	34.1	<0.001	0.07	0.56	1.7	0.8	0.6	20.8	<0.01	0.04	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 29-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842279		0.070	0.12	0.98	33	0.32	9.36	63	0.8
E842280		0.079	0.10	1.38	35	0.40	11.35	49	1.1
E842281		<0.005	<0.02	0.09	<1	<0.05	0.58	3	0.5
E842282		0.077	0.12	1.66	36	0.49	10.80	47	<0.5
E842283		0.070	0.13	1.87	36	0.38	12.45	53	0.7
E842284		0.076	0.12	1.84	39	0.49	10.90	61	<0.5
E842285		0.064	0.18	1.15	40	0.41	3.59	54	<0.5
E842286		0.054	0.17	7.82	34	0.37	26.30	66	0.5
E842287		0.065	0.24	1.72	34	0.31	18.10	66	<0.5
E842288		0.053	0.25	2.13	33	0.22	22.00	73	<0.5
E842289		0.097	0.19	1.20	43	0.27	8.10	62	0.5
E842290		0.068	0.25	1.03	45	0.29	5.70	52	<0.5
E842291		0.038	0.28	3.41	46	0.23	16.20	92	0.9
E842292		0.034	0.30	2.69	31	0.39	33.30	64	0.5
E842293		0.017	0.23	1.20	23	0.14	4.11	32	<0.5
E842294		0.050	0.23	3.80	28	0.41	24.00	68	<0.5
E842295		0.014	0.61	3.02	12	0.20	52.50	47	<0.5
E842296		0.018	0.51	3.26	18	0.10	34.10	53	0.6
E842297		0.035	0.20	21.50	30	0.14	48.60	918	0.7
E842298		0.019	0.38	2.98	28	0.18	49.30	91	1.2
E842299		0.027	0.29	3.53	22	0.18	20.40	210	<0.5
E842300		0.023	0.30	2.93	21	0.18	26.50	43	0.5
E842301		0.027	0.17	2.28	29	0.20	13.70	55	0.7
E842302		0.021	0.31	4.29	21	0.15	27.60	726	0.7
E842303		0.034	0.33	3.84	21	0.14	13.95	369	<0.5
E842304		0.046	0.22	3.78	32	0.27	22.90	66	<0.5
E842305		0.088	0.19	1.88	31	0.31	17.15	57	<0.5
E842306		0.074	0.17	1.64	31	0.48	11.95	50	<0.5
E842307		0.053	0.21	2.39	34	0.34	20.00	57	<0.5
E842308		0.076	0.17	1.49	39	0.50	7.12	50	<0.5
E842309		0.084	0.17	2.22	38	0.56	16.30	60	<0.5
E842310		0.065	0.22	4.89	39	0.44	29.30	57	<0.5
E842311		0.066	0.15	2.46	35	0.44	9.20	48	<0.5
E842312		0.083	0.22	1.14	33	0.27	5.49	39	<0.5
E842313		0.065	0.18	1.29	35	1.38	8.27	47	<0.5
E842314		0.079	0.15	1.70	43	0.57	15.00	70	<0.5
E842315		0.079	0.14	1.38	39	0.34	8.57	46	0.6
E842316		0.070	0.15	0.90	31	0.49	3.34	24	<0.5
E842317		0.050	0.20	4.00	44	0.36	11.45	57	<0.5
E842318		0.048	0.18	2.49	35	0.34	11.95	69	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842319		0.36	<0.005	0.04	1.26	5.5	<0.2	<10	90	0.86	0.57	0.30	0.09	31.50	7.3	23
E842320		0.38	<0.005	0.07	1.40	8.4	<0.2	<10	100	1.54	0.58	0.38	0.24	65.30	9.5	24
E842321		0.26	<0.005	0.04	1.57	7.8	<0.2	<10	90	1.21	0.26	0.35	0.10	41.60	10.3	28
E842322		0.30	<0.005	0.05	1.74	6.8	<0.2	<10	110	0.79	0.26	0.37	0.10	32.30	9.0	28
E842323		0.26	<0.005	0.05	2.91	14.1	<0.2	<10	110	1.03	0.33	0.08	0.14	41.70	15.2	31
E842324		0.34	<0.005	0.05	1.88	7.1	<0.2	<10	50	1.36	0.41	0.16	0.07	48.10	9.1	31
E842325		0.40	0.010	0.10	1.46	12.8	<0.2	<10	410	2.41	1.13	0.44	0.20	48.30	81.9	13
E842326		0.46	0.019	0.17	1.16	23.9	<0.2	<10	1900	1.71	1.07	0.25	0.07	79.90	70.0	18
E842327		0.22	<0.005	0.12	1.61	137.0	<0.2	<10	190	0.91	1.75	0.06	0.16	49.10	82.6	22
E842328		0.04	0.010	<0.01	0.01	0.8	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.53	0.4	<1
E842329		0.32	<0.005	0.11	1.59	35.5	<0.2	<10	210	0.94	1.02	9.61	0.16	73.10	22.1	16
E842330		0.48	0.005	0.27	2.34	37.4	<0.2	<10	450	1.24	1.83	0.14	0.08	92.80	35.9	27
E842331		0.44	0.007	0.06	3.03	25.0	<0.2	<10	130	1.41	0.42	0.36	0.05	90.90	37.0	33
E842332		0.22	<0.005	0.17	1.88	37.7	<0.2	<10	100	0.98	0.44	0.31	0.07	63.90	17.2	21
E842333		0.40	<0.005	0.07	1.32	21.1	<0.2	<10	200	0.83	0.88	2.76	0.06	58.80	16.8	13
E842334		0.46	<0.005	0.05	1.23	23.7	<0.2	<10	120	0.82	0.58	5.25	0.06	52.70	17.8	12
E842335		0.22	<0.005	0.08	0.90	10.6	<0.2	<10	200	1.06	0.33	3.15	0.10	49.50	26.6	12
E842336		0.22	<0.005	0.05	0.39	2	<0.2	10	100	0.42	0.22	14.05	0.10	22.70	7.4	4
E842337		0.34	<0.005	0.13	1.50	13.7	<0.2	<10	320	0.97	0.49	3.99	0.14	43.90	15.5	14
E842338		0.18	<0.005	0.13	1.36	13.4	<0.2	<10	330	0.90	0.47	3.70	0.15	40.50	14.9	13
E842339		0.56	0.012	0.11	1.16	8.8	<0.2	<10	730	0.80	0.34	0.31	0.12	76.90	11.6	32
E842340		0.38	0.016	0.18	0.86	5.2	<0.2	<10	950	0.52	0.11	0.31	0.08	136.50	9.9	45
E842341		0.34	0.008	0.32	2.53	23.7	<0.2	<10	1700	2.23	0.90	0.24	0.07	54.90	14.4	26
E842342		0.46	0.010	3.11	0.82	114.5	<0.2	<10	2150	1.76	12.45	0.39	0.66	83.00	50.9	8
E842343		0.54	<0.005	0.09	1.01	12.2	<0.2	<10	120	1.08	0.36	0.05	0.09	58.50	17.5	12
E842344		0.22	<0.005	0.12	0.96	12.2	<0.2	<10	340	1.57	0.47	0.09	0.11	54.40	13.0	11
E842345		0.38	<0.005	0.10	1.43	30.0	<0.2	<10	270	1.48	0.66	0.02	0.08	47.20	42.8	17
E842346		0.38	0.008	0.08	1.56	13.7	<0.2	<10	770	2.12	0.70	0.20	0.08	61.60	27.5	20
E842347		0.34	0.006	0.08	2.17	12.7	<0.2	<10	700	1.28	0.69	0.23	0.16	71.70	18.1	29
E842348		0.48	<0.005	0.20	1.48	39.8	<0.2	<10	100	1.04	0.65	0.13	0.17	81.40	22.4	14
E842349		0.52	<0.005	0.08	1.88	12.4	<0.2	<10	170	1.53	0.43	4.84	0.07	49.20	33.0	16
E842350		0.22	<0.005	0.80	1.66	67.4	<0.2	<10	250	1.59	1.53	2.34	0.16	39.60	26.2	13

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 29-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087734

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842319	1.63	16.2	2.34	4.45	0.05	<0.02	0.05	0.024	0.10	13.7	18.8	0.52	682	0.56	<0.01
E842320	2.15	14.3	2.52	7.01	0.07	0.02	0.05	0.045	0.07	22.2	24.8	0.50	944	0.90	<0.01
E842321	2.63	11.2	2.38	6.65	0.06	0.02	0.03	0.028	0.08	17.4	24.2	0.64	633	0.60	0.01
E842322	2.35	10.2	2.75	5.52	0.06	0.02	0.05	0.024	0.06	13.7	19.3	0.58	1040	0.60	0.01
E842323	1.58	14.3	3.34	6.68	0.07	0.10	0.04	0.042	0.07	17.4	26.3	0.43	364	1.31	<0.01
E842324	2.84	7.6	2.47	9.43	0.08	0.02	0.07	0.039	0.05	23.1	32.8	0.77	444	0.61	<0.01
E842325	4.61	17.4	4.91	5.36	0.11	0.35	0.08	0.203	0.22	24.4	18.6	0.71	7960	1.53	<0.01
E842326	3.96	486.0	4.18	5.17	0.12	0.20	0.05	0.095	0.28	44.8	23.7	0.84	2930	2.93	<0.01
E842327	6.40	150.5	4.80	7.64	0.09	0.02	0.08	0.075	0.13	23.9	25.4	0.62	2890	7.55	<0.01
E842328	0.05	1.4	0.04	0.12	<0.05	<0.02	<0.01	<0.005	<0.01	0.7	0.2	<0.01	15	0.09	<0.01
E842329	4.40	39.1	2.76	5.84	0.26	0.18	0.03	0.155	0.22	33.8	54.8	8.07	4550	0.93	0.02
E842330	4.52	96.1	4.12	8.25	0.18	0.30	0.04	0.076	0.20	43.1	68.0	2.34	2380	2.48	<0.01
E842331	4.49	35.0	3.76	10.20	0.21	0.44	0.02	0.057	0.23	38.0	92.3	3.33	1520	0.91	<0.01
E842332	4.92	25.3	2.77	6.65	0.20	0.17	0.02	0.034	0.32	30.6	65.8	2.26	649	0.85	<0.01
E842333	3.00	41.4	2.33	4.64	0.21	0.19	0.02	0.042	0.30	28.5	45.0	3.12	995	1.86	<0.01
E842334	3.36	36.5	2.02	4.53	0.25	0.27	0.01	0.056	0.23	25.8	46.3	4.65	1935	1.32	<0.01
E842335	2.83	37.4	2.25	3.73	0.13	0.11	0.04	0.074	0.15	23.0	25.6	2.69	2280	0.33	<0.01
E842336	0.64	12.4	1.59	1.35	0.07	0.07	0.03	0.091	0.04	10.8	9.6	9.55	2130	0.29	0.02
E842337	2.41	32.4	3.39	4.96	0.17	0.16	0.04	0.162	0.14	20.5	46.0	3.94	3140	0.61	0.01
E842338	2.28	29.2	3.38	4.45	0.18	0.14	0.05	0.157	0.14	19.4	42.2	3.55	3110	0.57	0.01
E842339	2.03	9.7	5.38	5.03	0.13	0.18	0.06	0.093	0.10	42.2	13.6	0.54	4410	1.08	<0.01
E842340	2.02	13.0	5.34	6.12	0.17	0.18	0.03	0.054	0.08	70.9	15.3	0.45	3960	0.62	<0.01
E842341	4.04	31.3	4.00	8.26	0.09	0.24	0.04	0.069	0.13	25.8	49.7	1.50	1415	1.52	<0.01
E842342	4.34	384.0	7.17	3.58	0.14	0.19	0.25	0.308	0.10	44.6	19.8	0.35	14800	9.70	<0.01
E842343	2.74	18.1	1.80	3.56	0.08	0.06	0.02	0.036	0.05	26.6	17.0	0.48	813	1.60	<0.01
E842344	2.69	28.2	1.92	3.14	0.07	0.06	0.02	0.049	0.08	25.6	15.1	0.45	1125	1.82	<0.01
E842345	3.76	140.0	3.23	3.96	0.07	0.07	0.03	0.100	0.07	21.6	19.6	0.56	2440	1.73	<0.01
E842346	2.92	73.2	3.83	5.35	0.10	0.12	0.03	0.097	0.11	31.3	25.3	0.78	3070	3.41	<0.01
E842347	5.78	22.8	5.28	9.39	0.11	0.07	0.08	0.066	0.08	36.6	35.9	1.07	3030	3.34	<0.01
E842348	1.39	107.5	2.60	4.32	0.11	0.14	0.06	0.050	0.10	36.2	22.0	0.77	863	1.28	<0.01
E842349	5.89	43.7	2.57	5.68	0.24	0.15	0.06	0.088	0.20	22.6	77.1	5.37	2140	0.66	<0.01
E842350	3.08	170.5	2.58	4.54	0.10	0.16	0.08	0.093	0.14	16.7	39.5	2.28	2020	2.05	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842319		1.15	14.7	740	10.1	21.0	<0.001	0.06	0.42	1.9	0.5	0.5	12.2	<0.01	0.03	1.5
E842320		1.20	19.6	880	16.5	20.6	<0.001	0.08	0.68	2.4	0.8	0.8	29.1	<0.01	0.07	1.4
E842321		1.45	24.0	520	14.1	22.7	<0.001	0.03	0.49	4.0	0.5	0.7	15.8	<0.01	0.04	8.2
E842322		1.00	17.3	600	15.2	17.7	<0.001	0.03	0.35	3.0	0.4	0.5	9.9	<0.01	0.03	5.6
E842323		1.47	27.8	280	24.4	14.7	<0.001	0.02	0.78	5.0	0.8	0.6	9.2	0.01	0.05	9.3
E842324		1.86	24.4	500	16.8	13.1	<0.001	0.04	0.54	3.8	0.8	0.9	20.0	<0.01	0.05	8.8
E842325		0.26	41.8	1960	18.5	38.6	<0.001	0.10	1.36	6.1	1.9	0.5	8.3	0.02	0.25	3.3
E842326		0.28	51.7	770	7.7	34.8	<0.001	0.05	1.60	6.9	1.2	0.8	12.3	0.01	0.12	8.6
E842327		0.55	24.3	800	13.1	22.2	0.001	0.06	2.22	2.5	0.9	0.6	6.8	<0.01	0.14	1.9
E842328		<0.05	0.4	10	0.5	0.2	<0.001	0.02	<0.05	0.2	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E842329		0.15	21.7	420	13.6	29.0	<0.001	0.05	1.78	4.3	1.1	0.3	28.2	0.01	0.04	6.6
E842330		0.08	32.3	380	22.6	22.1	<0.001	0.02	1.95	5.9	0.9	0.4	4.3	0.01	0.10	13.3
E842331		<0.05	34.3	330	9.3	23.1	<0.001	0.02	0.80	6.2	0.6	0.3	4.3	<0.01	0.04	11.8
E842332		0.39	25.4	380	6.8	41.9	<0.001	0.03	1.05	5.9	0.7	0.4	6.3	<0.01	0.03	6.0
E842333		0.14	18.5	420	7.4	29.9	<0.001	0.02	1.27	4.5	0.7	0.2	11.1	<0.01	0.03	7.0
E842334		0.08	18.8	380	7.7	23.4	<0.001	<0.01	1.49	5.2	0.7	0.2	19.9	<0.01	0.03	5.8
E842335		0.13	31.0	590	4.8	16.4	<0.001	0.03	1.27	4.6	0.8	0.2	10.1	<0.01	0.06	2.1
E842336		0.13	7.0	230	6.1	5.2	<0.001	0.02	0.63	2.3	0.7	<0.2	32.1	<0.01	0.02	1.0
E842337		0.17	22.2	590	8.0	16.9	<0.001	0.03	0.87	5.9	1.1	0.2	15.8	0.01	0.05	3.1
E842338		0.15	20.9	640	7.5	16.1	<0.001	0.06	0.81	5.3	1.1	0.2	14.8	0.01	0.05	2.4
E842339		0.18	19.8	900	6.9	8.7	<0.001	0.05	0.76	15.8	0.9	0.7	5.5	<0.01	0.09	11.7
E842340		0.16	23.5	950	11.3	8.1	<0.001	0.03	0.83	16.2	0.7	1.0	7.8	0.01	0.03	18.9
E842341		0.14	33.2	800	19.2	15.1	<0.001	0.07	1.27	9.6	0.7	0.6	11.3	<0.01	0.05	8.7
E842342		0.08	59.1	1060	65.1	10.0	0.001	0.13	10.80	8.4	2.1	0.3	6.1	0.01	0.25	12.1
E842343		0.25	16.6	490	6.8	6.7	<0.001	0.01	0.92	1.1	0.5	0.2	4.0	<0.01	0.03	4.8
E842344		0.16	13.9	520	6.5	7.1	<0.001	0.02	0.69	1.4	0.4	0.3	3.3	<0.01	0.03	3.3
E842345		0.15	26.6	630	9.5	8.3	<0.001	0.03	1.20	1.6	0.7	0.3	2.6	<0.01	0.06	3.0
E842346		0.18	28.7	570	6.4	9.7	<0.001	0.03	1.09	8.9	0.7	0.4	5.2	<0.01	0.05	7.5
E842347		0.38	18.8	1240	7.5	12.1	<0.001	0.06	0.88	8.0	0.9	0.9	7.1	<0.01	0.15	4.3
E842348		0.09	27.1	500	8.5	6.1	<0.001	0.05	3.06	2.0	0.6	0.2	4.7	<0.01	0.04	7.7
E842349		0.08	32.0	560	6.7	18.1	<0.001	0.01	1.72	5.3	0.7	0.2	16.2	<0.01	0.07	5.7
E842350		<0.05	26.0	330	24.9	7.4	<0.001	0.06	3.67	3.5	0.5	0.3	11.6	<0.01	0.05	6.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087734

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842319		0.066	0.09	1.04	35	0.37	5.86	49	<0.5
E842320		0.061	0.13	1.46	42	0.59	9.01	73	<0.5
E842321		0.067	0.15	1.90	40	0.34	8.51	52	<0.5
E842322		0.066	0.15	1.73	48	0.30	6.90	64	<0.5
E842323		0.044	0.17	1.37	52	0.25	7.20	63	3.0
E842324		0.079	0.17	3.37	43	0.36	9.89	46	<0.5
E842325		0.026	0.17	3.07	21	0.62	46.90	29	7.3
E842326		0.034	0.11	7.19	24	0.85	20.70	22	5.1
E842327		0.040	0.22	2.14	39	0.31	7.45	71	0.5
E842328		<0.005	<0.02	0.09	<1	<0.05	0.72	3	<0.5
E842329		0.012	0.35	0.89	19	0.06	27.50	62	5.0
E842330		0.025	0.12	1.65	22	0.32	24.80	78	12.2
E842331		0.015	0.10	0.60	21	<0.05	20.00	79	18.0
E842332		0.041	0.23	0.74	24	0.08	20.90	48	4.9
E842333		0.024	0.16	0.85	14	0.10	15.65	32	7.2
E842334		0.015	0.19	0.51	13	<0.05	15.35	34	11.3
E842335		0.012	0.12	0.36	15	0.08	18.50	30	2.6
E842336		0.008	0.08	0.21	7	0.06	15.45	20	1.4
E842337		0.014	0.12	0.53	16	0.05	23.50	38	3.8
E842338		0.013	0.11	0.52	15	<0.05	23.10	36	3.4
E842339		0.034	0.07	4.26	41	0.40	17.45	32	4.5
E842340		0.065	0.04	3.53	56	0.70	16.45	31	7.4
E842341		0.007	0.12	4.09	32	0.16	10.80	36	5.5
E842342		0.006	3.45	3.88	16	0.11	29.50	189	7.8
E842343		0.012	0.07	0.91	16	0.09	4.99	26	1.4
E842344		0.007	0.07	1.35	15	0.07	5.64	35	1.3
E842345		0.008	0.11	1.34	19	0.07	6.11	35	1.9
E842346		0.009	0.10	2.62	40	0.15	12.15	35	3.3
E842347		0.015	0.14	2.86	48	0.30	6.62	54	1.8
E842348		<0.005	0.07	1.68	11	<0.05	9.68	39	4.3
E842349		0.013	0.13	0.61	15	<0.05	17.45	48	8.0
E842350		<0.005	0.13	3.40	12	<0.05	8.50	68	7.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 26-AUG-2007
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CERTIFICATE VA07087735

Project: Werneckes

P.O. No.: FRG07-01

This report is for 114 Soil samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	WEI-21	Au-AA23	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.005	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
E842352		0.32	0.005		0.11	1.52	6.2	<0.2	<10	170	1.04	0.33	0.13	0.03	51.60	11.0
E842353		0.26	<0.005		0.19	0.83	28.7	<0.2	<10	980	1.42	0.91	8.59	0.12	28.00	22.0
E842354		0.24	<0.005		0.17	0.75	21.8	<0.2	<10	440	1.12	0.79	7.42	0.10	30.90	24.6
E842355		0.28	0.015		0.16	0.78	10.3	<0.2	<10	2050	1.38	0.84	3.37	0.09	42.30	30.7
E842356		0.44	0.017		0.13	1.62	11.9	0.2	<10	2490	1.34	0.71	0.41	0.07	62.60	41.6
E842357		0.40	<0.005		0.13	2.11	20.4	<0.2	<10	270	1.25	0.73	0.23	0.16	66.30	21.4
E842358		0.24	0.005		0.40	1.92	43.8	<0.2	<10	370	1.32	1.27	0.35	0.44	71.70	40.5
E842359		0.22	<0.005		0.30	2.51	32.7	<0.2	<10	440	1.48	2.40	2.05	0.28	93.30	25.2
E842360		0.32	<0.005		0.22	1.16	19.1	<0.2	<10	250	0.75	1.60	7.69	0.31	40.40	13.5
E842361		0.26	<0.005		0.18	1.19	18.9	<0.2	<10	90	0.84	0.71	5.25	0.23	40.70	13.4
E842362		0.48	<0.005		0.46	2.11	44.7	<0.2	<10	370	1.13	1.76	0.77	0.41	69.80	51.3
E842363		0.40	<0.005		0.93	2.13	48.5	<0.2	<10	320	1.42	6.19	0.38	0.38	61.30	41.4
E842364		0.70	0.042		0.29	0.52	15.8	<0.2	<10	490	1.21	0.89	0.17	0.09	85.70	41.1
E842365		0.48	0.036		0.27	1.37	19.8	<0.2	<10	850	2.34	1.21	0.19	0.09	90.00	71.8
E842366		0.54	0.053		0.23	0.88	17.6	<0.2	<10	380	2.11	1.70	0.18	0.08	111.00	49.6
E842367		0.56	0.025		0.25	0.69	8.7	<0.2	<10	600	2.16	5.23	0.23	0.05	85.60	34.2
E842368		0.20	0.034		0.47	1.26	100.0	<0.2	<10	450	1.73	3.50	0.55	0.08	80.10	57.8
E842369		0.44	0.034		0.13	0.65	11.2	<0.2	<10	200	1.97	1.07	0.18	0.03	113.00	23.4
E842370		0.52	0.047		0.53	2.00	114.5	<0.2	<10	680	2.59	5.15	0.19	0.20	75.20	79.2
E842371		0.38	0.309		1.34	1.54	144.0	0.2	<10	1790	1.86	3.50	0.50	0.14	75.50	290.0
E842372		0.38	0.007		0.04	3.33	15.7	<0.2	<10	940	2.25	0.43	0.24	0.05	58.00	22.4
E842373		0.30	0.009		0.07	1.18	8.3	<0.2	<10	630	1.61	0.52	0.09	0.03	111.00	13.8
E842374		0.52	0.063	0.072	0.30	1.70	44.2	<0.2	<10	1730	1.98	2.81	0.39	0.07	79.60	249.0
E842375		0.26	0.028		0.45	2.18	264.0	<0.2	<10	760	2.07	2.56	0.73	0.19	55.40	86.0
E842376		0.50	0.006		1.02	0.47	272.0	<0.2	<10	210	1.12	2.50	5.08	0.71	43.80	24.0
E842377		0.46	<0.005		0.59	0.44	126.0	<0.2	<10	80	1.12	1.61	6.79	0.22	32.70	21.3
E842378		0.32	0.006		0.44	0.32	70.5	<0.2	<10	80	1.12	0.80	4.37	0.10	41.60	23.3
E842379		0.04	<0.005		0.01	0.01	0.7	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.19	0.2
E842380		0.38	0.006		0.77	0.64	227.0	<0.2	<10	160	1.74	3.93	3.13	0.35	50.40	52.9
E842381		0.54	0.010		0.75	0.60	139.5	<0.2	<10	90	1.18	8.11	0.27	0.23	59.40	28.8
E842382		0.52	0.005		0.26	0.33	45.5	<0.2	<10	70	1.00	0.46	7.79	0.33	44.00	17.1
E842383		0.34	<0.005		0.60	0.28	87	<0.2	<10	70	0.87	0.91	11.05	0.20	36.70	22.6
E842384		0.26	<0.005		0.66	0.31	104	<0.2	<10	80	1.04	1.12	11.15	0.19	40.80	25.9
E842385		0.28	<0.005		0.40	0.42	60.7	<0.2	<10	80	1.07	2.60	9.56	0.38	30.60	15.8
E842386		0.26	0.009		0.91	0.31	33	<0.2	<10	100	0.80	4.50	11.95	0.23	30.60	9.3
E842387		0.34	<0.005		0.69	0.34	15	<0.2	<10	170	0.95	3.70	11.50	0.38	31.00	7.0
E842388		0.40	<0.005		2.30	0.66	8.1	<0.2	<10	120	1.94	6.36	9.02	0.29	47.50	5.3
E842389		0.36	<0.005		0.32	0.36	17	<0.2	<10	100	0.88	1.07	12.60	0.39	29.90	7.4
E842390		0.38	<0.005		0.17	0.32	16	<0.2	<10	110	0.90	0.54	12.65	0.34	34.10	8.9
E842391		0.24	0.008		0.60	0.50	44.4	<0.2	<10	90	1.15	1.18	4.83	0.60	43.10	13.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 26-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
E842352		21	1.18	10.4	2.45	4.44	0.09	0.13	0.03	0.014	0.06	24.1	21.2	0.95	406	1.30
E842353		7	1.86	41.6	2.89	2.34	0.10	0.07	0.08	0.129	0.08	13.5	21.6	5.72	5040	2.73
E842354		7	2.40	52.7	2.59	2.19	0.10	0.07	0.05	0.140	0.07	15.0	19.0	5.04	5660	2.40
E842355		8	1.99	61.7	3.79	2.39	0.10	0.19	0.08	0.229	0.10	22.4	16.2	2.24	7380	4.56
E842356		18	6.46	194.5	4.51	6.50	0.15	0.14	0.10	0.128	0.28	35.2	44.3	1.66	3080	8.80
E842357		19	5.22	73.0	4.57	7.13	0.20	0.22	0.03	0.102	0.18	37.0	56.9	2.16	3010	1.26
E842358		18	8.07	151.0	4.55	6.45	0.18	0.26	0.11	0.136	0.13	37.8	51.2	1.84	4780	3.39
E842359		24	6.07	87.9	4.19	8.79	0.39	0.22	0.04	0.144	0.18	43.4	99.0	4.41	6650	5.15
E842360		10	3.20	26.9	2.71	4.23	0.25	0.19	0.06	0.125	0.21	19.8	42.1	6.07	3290	1.06
E842361		10	6.22	28.8	1.89	3.91	0.26	0.25	0.06	0.044	0.41	20.4	49.3	4.20	1250	0.93
E842362		18	6.48	133.5	4.75	7.33	0.27	0.24	0.07	0.124	0.23	32.9	61.9	2.37	4470	2.47
E842363		20	4.87	87.4	6.01	6.80	0.14	0.23	0.22	0.155	0.12	28.6	29.9	1.22	9260	2.11
E842364		12	2.81	126.0	4.67	2.61	0.12	0.13	0.08	0.078	0.14	51.3	8.6	0.28	3030	6.83
E842365		17	6.01	1210.0	5.24	6.00	0.15	0.16	0.11	0.129	0.23	49.2	30.9	1.11	3370	7.96
E842366		17	4.56	126.0	4.86	3.99	0.16	0.16	0.05	0.119	0.27	60.0	18.1	0.63	2330	2.54
E842367		12	2.73	97.1	3.32	2.83	0.11	0.16	0.06	0.101	0.25	50.2	13.2	0.42	2130	1.43
E842368		18	2.62	175.0	7.49	5.23	0.14	0.21	0.13	0.147	0.28	52.1	22.4	0.76	3880	11.45
E842369		14	1.94	24.9	4.16	3.17	0.15	0.14	0.03	0.063	0.24	64.1	12.6	0.42	1380	1.43
E842370		23	4.18	479.0	7.65	8.31	0.26	0.35	0.08	0.129	0.22	39.7	45.6	1.56	4190	13.40
E842371		30	2.76	1730.0	14.55	10.70	0.29	0.33	0.20	0.346	0.13	47.4	25.4	0.93	9220	42.20
E842372		30	0.95	19.5	4.79	12.80	0.11	0.11	0.03	0.061	0.10	32.4	99.5	4.08	856	3.07
E842373		17	0.95	14.8	3.72	4.92	0.12	0.07	0.01	0.081	0.20	59.9	31.1	0.79	1380	8.12
E842374		23	3.75	1025.0	6.84	8.53	0.20	0.20	0.09	0.120	0.19	46.8	40.9	1.69	3370	15.60
E842375		28	4.59	697.0	8.66	9.92	0.18	0.20	0.11	0.265	0.17	34.2	37.6	1.66	3830	12.15
E842376		5	1.75	117.0	5.28	1.96	0.12	0.10	0.40	0.118	0.18	21.0	7.4	3.05	2130	16.00
E842377		3	1.21	86.5	5.26	1.19	0.12	0.20	0.28	0.089	0.15	17.8	8.0	4.20	1530	13.50
E842378		2	0.99	71.8	4.94	0.98	0.11	0.17	0.32	0.081	0.11	22.6	4.8	2.56	1145	12.55
E842379		<1	<0.05	1.0	0.02	0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.2	<0.01	<5	0.12
E842380		6	1.22	99.0	6.65	1.89	0.19	0.12	0.34	0.263	0.21	23.0	7.0	1.79	2920	21.60
E842381		7	2.18	113.5	5.21	2.64	0.17	0.08	0.74	0.387	0.23	29.1	5.5	0.15	2080	33.10
E842382		4	0.47	36.8	4.10	1.17	0.14	0.09	0.13	0.129	0.10	22.2	4.4	4.67	2510	9.53
E842383		3	0.67	54.8	4.20	1.04	0.13	0.06	0.33	0.164	0.09	19.9	4.7	6.75	2340	10.50
E842384		4	0.83	59.4	4.51	1.16	0.13	0.06	0.47	0.178	0.09	22.4	5.0	6.67	2410	11.90
E842385		4	0.98	39.1	5.64	1.50	0.14	0.07	0.33	0.101	0.14	16.7	8.8	5.77	2340	8.04
E842386		4	0.91	803.0	3.65	1.21	0.12	0.10	0.19	0.180	0.09	16.0	6.9	7.40	4120	3.96
E842387		4	0.69	34.0	3.59	1.30	0.12	0.10	0.12	0.131	0.07	16.0	5.9	7.08	5190	2.35
E842388		8	1.61	47.9	2.31	2.19	0.13	0.12	0.34	0.120	0.16	25.7	15.3	5.52	4110	0.79
E842389		5	0.97	45.5	2.65	1.25	0.10	0.07	0.09	0.100	0.10	14.6	7.2	7.79	3220	3.89
E842390		5	1.33	42.5	2.17	1.29	0.11	0.06	0.10	0.073	0.08	16.9	6.9	7.94	3050	1.65
E842391		6	1.52	59.5	3.39	1.84	0.13	0.08	0.22	0.134	0.14	22.7	8.1	2.94	2170	8.89

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
E842352		<0.01	<0.05	37.1	240	18.1	4.8	0.001	<0.01	0.81	2.1	0.4	0.2	1.3	<0.01	0.06
E842353		<0.01	0.08	16.5	330	10.6	6.6	<0.001	0.02	1.95	4.0	0.9	<0.2	25.3	<0.01	0.04
E842354		<0.01	0.09	18.3	310	12.8	6.4	<0.001	0.01	1.26	3.7	0.8	<0.2	19.9	<0.01	0.04
E842355		<0.01	0.11	20.2	850	10.1	10.8	<0.001	0.06	0.94	5.0	1.4	0.3	16.9	<0.01	0.12
E842356		<0.01	0.31	39.8	890	5.6	37.4	<0.001	0.06	0.98	7.2	1.4	0.6	31.4	0.01	0.20
E842357		<0.01	0.21	27.4	690	10.2	24.4	<0.001	0.02	0.79	6.3	1.5	0.3	5.0	0.01	0.06
E842358		<0.01	0.23	26.1	700	47.5	19.6	<0.001	0.03	1.47	6.1	1.8	0.3	5.1	0.01	0.12
E842359		<0.01	0.21	34.0	570	20.7	28.5	<0.001	0.03	1.92	5.6	1.4	0.4	7.5	0.01	0.09
E842360		<0.01	0.09	15.4	320	14.7	18.7	<0.001	0.02	1.23	3.9	0.8	0.2	16.2	<0.01	0.05
E842361		<0.01	0.19	17.0	330	37.1	38.6	<0.001	0.01	1.97	3.7	0.7	0.2	13.7	<0.01	0.05
E842362		<0.01	0.13	29.3	560	33.5	23.4	<0.001	0.01	2.08	5.7	1.0	0.3	5.7	<0.01	0.15
E842363		<0.01	0.21	33.2	1710	25.3	15.6	<0.001	0.07	1.28	6.0	2.2	0.3	8.7	0.01	0.47
E842364		<0.01	0.27	33.0	700	14.3	15.5	<0.001	0.01	1.86	5.1	1.8	0.5	3.2	0.01	0.20
E842365		<0.01	0.28	76.6	820	12.4	30.0	<0.001	0.02	2.16	7.4	2.5	0.7	4.9	0.01	0.20
E842366		<0.01	0.29	43.1	820	12.0	33.5	<0.001	0.01	2.08	6.8	1.3	0.7	3.5	0.01	0.18
E842367		<0.01	0.23	29.0	720	10.3	30.5	<0.001	0.02	1.45	5.2	1.1	0.6	2.8	0.01	0.14
E842368		<0.01	0.61	41.4	1110	18.9	34.0	<0.001	0.10	3.44	7.3	2.3	1.3	4.9	0.01	0.31
E842369		<0.01	0.30	24.9	640	8.3	24.9	<0.001	<0.01	2.10	4.2	0.8	0.7	2.1	<0.01	0.12
E842370		<0.01	0.24	44.5	630	53.1	25.3	<0.001	0.04	4.06	9.6	3.0	1.0	3.9	0.01	0.38
E842371		<0.01	0.62	57.7	1120	25.2	20.7	0.002	0.16	3.51	24.3	6.5	2.3	6.4	0.02	1.11
E842372		<0.01	0.22	27.5	630	6.7	16.4	<0.001	0.03	1.12	7.7	0.7	0.9	7.5	<0.01	0.08
E842373		<0.01	0.24	11.8	610	5.2	24.8	<0.001	0.02	1.14	3.1	0.6	0.8	2.8	<0.01	0.08
E842374		<0.01	0.45	49.3	1290	13.0	26.8	<0.001	0.09	1.98	11.5	3.0	0.9	13.1	0.01	0.45
E842375		<0.01	0.55	42.5	1600	18.7	34.6	<0.001	0.11	1.80	18.0	3.2	0.7	11.2	0.01	0.25
E842376		<0.01	0.12	52.0	900	103.0	11.2	0.003	0.24	5.81	5.0	3.6	0.3	16.7	0.01	0.23
E842377		<0.01	0.08	71.6	710	59.9	9.2	0.004	0.11	5.51	4.5	4.0	0.2	18.1	<0.01	0.12
E842378		<0.01	0.10	81.0	680	48.4	8.4	0.003	0.06	5.98	5.2	3.5	0.2	13.3	0.01	0.14
E842379		<0.01	<0.05	0.5	10	0.6	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01
E842380		0.01	0.10	104.5	1280	107.5	12.3	0.003	0.27	8.73	7.3	5.2	0.2	19.9	0.01	0.32
E842381		<0.01	0.05	107.0	1630	71.6	14.2	0.014	0.18	7.01	7.8	7.4	0.2	21.6	0.01	0.43
E842382		0.02	0.08	53.7	800	29.8	6.7	0.001	0.06	2.61	5.5	2.4	<0.2	21.0	0.01	0.09
E842383		0.02	0.08	73.2	720	81.5	6.4	0.001	0.04	4.10	4.1	2.6	<0.2	29.8	0.01	0.08
E842384		0.02	0.07	83.6	780	106.5	7.0	0.001	0.04	4.71	4.3	2.5	<0.2	29.2	0.01	0.10
E842385		0.02	0.11	50.0	630	88.1	11.0	0.001	0.07	5.35	3.8	3.0	0.2	21.8	0.01	0.08
E842386		0.02	0.07	33.1	470	33.6	5.8	0.001	0.04	2.46	4.2	3.1	0.2	28.3	0.01	0.08
E842387		0.03	0.06	22.7	750	43.5	5.7	0.001	0.09	1.17	3.0	3.9	<0.2	25.5	0.01	0.08
E842388		0.02	0.12	30.7	960	43.3	11.1	0.001	0.06	0.95	4.1	4.1	0.3	23.9	0.01	0.15
E842389		0.03	0.07	33.6	680	51.7	6.9	<0.001	0.07	1.16	2.9	4.3	0.2	27.2	0.01	0.06
E842390		0.02	0.10	36.5	430	22.4	5.9	<0.001	0.04	1.14	3.6	1.9	<0.2	27.9	<0.01	0.07
E842391		0.02	0.14	53.9	740	116.5	9.9	0.001	0.09	2.78	4.0	3.9	0.4	12.8	0.01	0.11

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 26-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842352		10.4	<0.005	0.06	1.53	11	<0.05	6.02	19	6.4
E842353		2.1	<0.005	0.38	1.24	11	<0.05	15.25	40	2.3
E842354		2.8	<0.005	0.24	1.44	10	0.05	14.65	28	3.0
E842355		3.2	0.008	0.14	2.32	12	0.32	21.10	19	5.1
E842356		7.7	0.040	0.17	4.97	32	0.59	24.10	35	4.3
E842357		7.1	0.021	0.17	1.30	21	0.08	34.90	70	5.7
E842358		5.5	0.013	0.28	1.06	18	0.07	37.80	169	7.0
E842359		6.3	0.016	0.62	1.42	27	0.07	30.00	101	6.0
E842360		4.9	0.009	0.32	1.02	12	<0.05	14.30	133	10.0
E842361		6.0	0.020	0.41	1.00	11	0.06	12.70	111	13.3
E842362		7.6	0.017	0.46	3.60	20	0.08	18.20	177	10.4
E842363		4.5	0.013	0.19	2.21	21	0.17	36.50	126	6.0
E842364		11.8	0.036	0.16	7.22	17	1.10	19.95	26	6.4
E842365		12.9	0.034	0.15	15.20	23	0.91	27.70	31	7.2
E842366		14.5	0.040	0.14	6.37	19	1.14	27.60	29	8.0
E842367		9.1	0.021	0.11	3.51	14	0.89	21.40	17	5.7
E842368		5.2	0.024	1.64	8.92	48	1.06	27.30	30	5.9
E842369		11.9	0.034	0.12	4.04	16	1.11	16.05	14	5.9
E842370		13.7	0.031	0.89	20.00	32	0.92	30.60	106	18.5
E842371		13.3	0.024	0.33	26.10	56	2.56	55.10	36	10.3
E842372		12.2	0.016	0.09	3.09	41	0.37	5.69	29	3.3
E842373		5.1	0.014	0.10	2.63	21	0.82	6.78	15	1.6
E842374		14.8	0.033	0.19	11.25	35	0.73	29.50	31	6.4
E842375		6.4	0.027	0.30	22.50	55	0.37	44.10	59	4.5
E842376		3.4	<0.005	2.02	2.46	41	0.13	25.40	313	3.6
E842377		4.5	<0.005	1.81	2.39	27	0.07	21.60	106	11.5
E842378		4.8	<0.005	2.11	2.73	18	0.07	23.80	79	9.0
E842379		0.3	<0.005	0.03	0.09	<1	<0.05	0.72	2	0.6
E842380		4.1	0.006	1.05	3.61	45	0.13	36.90	142	5.4
E842381		4.2	<0.005	0.45	3.82	68	0.09	24.80	140	3.7
E842382		1.5	0.005	0.52	1.76	35	0.07	41.70	88	2.3
E842383		2.1	<0.005	0.77	2.66	22	0.06	25.80	145	2.1
E842384		2.7	<0.005	0.83	3.08	23	0.06	25.50	174	2.7
E842385		1.8	0.006	2.02	2.43	29	0.06	24.40	162	2.5
E842386		2.8	<0.005	0.45	1.80	26	0.07	23.60	92	5.7
E842387		0.7	<0.005	0.22	1.24	30	0.06	29.40	118	2.4
E842388		1.8	0.006	0.11	1.36	47	0.06	26.40	112	3.8
E842389		0.8	0.005	0.20	1.25	35	0.05	22.90	151	2.0
E842390		2.2	0.005	0.16	1.38	37	0.09	22.60	152	3.2
E842391		1.5	0.007	0.46	1.42	39	0.12	29.20	295	2.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	WEI-21	Au-AA23	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.005	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1
E842392		0.34	0.010		0.33	0.33	37.7	<0.2	<10	110	0.83	1.68	7.77	0.34	32.70	9.8
E842393		0.46	0.005		0.53	0.36	58	<0.2	<10	110	1.16	1.18	11.30	0.37	35.30	15.5
E842394		0.56	<0.005		0.51	0.86	35.2	<0.2	<10	180	1.36	1.08	0.30	0.30	62.50	24.8
E842395		0.62	<0.005		0.23	2.08	32.5	<0.2	<10	390	2.61	1.86	0.10	0.14	54.30	41.1
E842396		0.76	<0.005		0.85	2.92	180.5	<0.2	<10	800	3.67	12.50	0.18	0.46	55.30	55.2
E842397		0.36	<0.005		0.37	0.89	92.1	<0.2	<10	620	1.30	1.65	4.45	0.37	56.30	29.2
E842398		0.58	<0.005		0.23	2.39	456.0	<0.2	<10	270	4.29	7.06	0.16	0.76	51.40	60.6
E842399		0.30	0.009		0.08	1.75	186.0	<0.2	<10	210	1.40	2.57	0.13	0.19	49.40	55.8
E842400		0.22	0.046		0.13	0.95	78.8	<0.2	<10	360	1.26	1.30	0.37	0.10	70.80	46.8
E842401		0.42	0.097		0.16	1.01	38.2	<0.2	<10	550	1.44	0.92	0.26	0.29	50.30	53.3
E842402		0.42	0.015		0.04	1.22	11.8	<0.2	<10	240	1.16	0.57	0.12	0.08	65.30	41.4
E842403		0.50	0.032		0.18	3.36	147.5	<0.2	<10	920	2.04	3.32	0.11	0.21	47.30	679.0
E842404		0.34	0.063		0.23	0.61	19.9	<0.2	<10	520	2.23	1.09	0.32	0.10	83.00	41.2
E842405		0.30	0.025		0.45	0.89	39.1	<0.2	<10	660	1.17	0.84	0.62	0.06	58.70	39.2
E842406		0.54	0.045		0.30	1.09	12.6	<0.2	<10	260	2.14	1.77	0.14	0.05	100.00	50.9
E842407		0.32	0.029		0.09	0.87	29.5	<0.2	<10	940	1.63	0.70	0.35	0.08	66.10	48.6
E842408		0.32	0.024		0.14	1.01	20.4	<0.2	<10	1170	1.22	0.72	0.37	0.08	59.10	31.9
E842409		0.28	0.036		0.24	1.56	20.8	<0.2	<10	670	1.46	1.56	0.46	0.12	60.20	34.4
E842410		0.32	0.064		0.66	1.83	16.8	<0.2	<10	920	1.40	1.79	0.32	0.15	62.30	33.3
E842411		0.30	<0.005		0.17	1.79	35.2	<0.2	<10	130	1.14	0.92	0.48	0.16	64.00	18.7
E842412		0.22	<0.005		0.10	1.61	21.7	<0.2	<10	100	1.01	0.46	0.51	0.15	62.80	13.2
E842413		0.24	<0.005		0.15	1.80	68.1	<0.2	<10	220	1.09	0.55	0.66	0.12	60.90	20.7
E842414		0.30	0.006		0.14	1.89	19.7	<0.2	<10	1300	1.77	0.58	0.66	0.14	60.40	19.6
E842415		0.16	<0.005		0.06	1.83	12.4	<0.2	<10	160	1.55	0.29	0.50	0.14	51.60	14.4
E842416		0.24	<0.005		0.09	1.72	13.5	<0.2	<10	360	1.30	0.30	1.13	0.17	53.70	13.0
E842417		0.36	0.011		0.37	1.14	81.3	<0.2	<10	470	1.53	3.71	1.51	0.48	49.70	47.1
E842418		0.22	<0.005		2.82	0.94	232.0	<0.2	<10	490	1.16	124.50	1.25	1.17	55.50	108.5
E842419		0.14	0.005		0.54	0.79	40.1	<0.2	<10	430	0.74	1.68	2.83	0.38	42.50	12.2
E842420		0.28	0.005		0.54	0.87	107.5	<0.2	10	410	0.98	2.07	7.54	0.52	47.30	26.0
E842421		0.30	0.013		0.92	1.26	56.9	<0.2	10	230	1.26	1.35	4.70	0.51	46.40	13.1
E842422		0.44	0.042		0.16	0.97	15.7	<0.2	<10	2380	1.30	0.53	0.26	0.09	76.00	31.0
E842423		0.44	0.017		0.47	1.08	12.0	<0.2	<10	430	1.71	0.73	0.21	0.33	89.70	61.9
E842424		0.04	<0.005		<0.01	<0.01	0.1	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.12	0.1
E842425		0.36	0.043		0.10	0.60	10.2	<0.2	<10	410	1.22	0.97	0.19	0.07	102.50	25.2
E842426		0.46	0.068		0.12	1.30	11.4	<0.2	<10	160	1.42	1.25	0.23	0.03	111.00	49.4
E842427		0.62	<0.005		0.23	1.37	83.1	<0.2	<10	120	1.59	1.29	0.12	0.11	72.10	14.4
E842428		0.44	<0.005		0.73	1.15	32.5	<0.2	<10	390	1.36	1.60	1.83	0.42	66.10	20.7
E842429		0.38	0.018		1.44	0.84	50.3	<0.2	<10	350	1.59	4.20	3.07	1.17	66.50	21.3
E842430		0.26	0.009		0.36	0.31	31	<0.2	<10	120	0.58	0.77	13.10	0.21	32.90	10.8
E842431		0.30	0.007		0.37	0.32	43	<0.2	<10	120	0.81	0.81	12.55	0.22	34.30	11.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
E842392		4	1.19	58.3	2.77	1.25	0.10	0.07	0.11	0.137	0.10	17.6	7.3	4.87	2580	6.47
E842393		3	2.50	53.1	3.53	1.29	0.13	0.25	0.14	0.149	0.15	18.7	8.2	7.12	2810	10.70
E842394		10	2.03	71.2	4.53	3.09	0.16	0.16	0.07	0.083	0.23	30.2	10.5	0.56	2650	3.50
E842395		19	4.51	138.0	6.42	8.29	0.22	0.24	0.07	0.102	0.16	24.6	34.8	1.36	3530	2.84
E842396		20	4.29	249.0	9.47	11.10	0.32	0.26	0.11	0.206	0.18	26.1	50.8	2.16	5700	9.05
E842397		12	1.77	46.0	4.01	3.69	0.16	0.09	0.09	0.081	0.21	27.4	17.3	3.15	2880	2.85
E842398		24	7.55	106.5	7.01	8.27	0.19	0.08	0.12	0.157	0.18	22.0	34.8	1.20	4220	3.63
E842399		25	1.60	317.0	4.88	5.73	0.13	0.05	0.04	0.159	0.10	26.4	22.8	0.97	1705	5.46
E842400		13	0.94	122.5	4.48	3.60	0.15	0.15	0.04	0.116	0.15	41.8	9.0	0.47	2560	3.22
E842401		13	2.18	121.0	3.90	4.10	0.11	0.04	0.05	0.114	0.19	27.8	8.9	0.31	4300	2.96
E842402		18	3.55	9.6	3.52	5.17	0.12	<0.02	0.04	0.076	0.25	36.0	22.8	0.63	1870	4.24
E842403		61	3.61	4430.0	8.99	13.95	0.26	0.09	0.16	0.485	0.05	24.0	51.1	2.62	7600	5.92
E842404		11	0.92	233.0	5.52	2.69	0.19	0.11	0.07	0.171	0.15	47.5	6.1	0.30	5110	9.07
E842405		14	1.00	88.0	3.93	3.27	0.12	0.13	0.07	0.078	0.17	35.2	10.7	0.64	1960	2.35
E842406		17	6.44	143.0	3.95	3.91	0.20	0.05	0.04	0.116	0.35	59.3	20.6	0.63	2610	3.51
E842407		16	4.80	97.2	3.78	3.32	0.15	0.15	0.06	0.120	0.21	37.6	13.2	0.51	3500	1.33
E842408		15	2.26	128.0	4.40	3.67	0.15	0.14	0.05	0.119	0.16	34.8	13.2	0.52	4420	5.65
E842409		22	2.88	377.0	4.60	5.81	0.17	0.16	0.08	0.104	0.17	39.5	26.0	1.07	3880	4.23
E842410		23	4.86	425.0	4.83	6.36	0.19	0.13	0.07	0.084	0.21	33.1	36.7	1.44	4860	3.08
E842411		22	4.32	51.3	3.46	6.94	0.22	0.11	0.04	0.064	0.32	33.0	50.8	2.16	1300	2.47
E842412		20	3.37	29.5	3.34	6.06	0.18	0.07	0.04	0.044	0.23	31.7	40.0	1.52	1035	0.92
E842413		20	3.43	93.1	3.84	5.87	0.20	0.08	0.03	0.055	0.35	31.4	39.0	2.20	1770	2.15
E842414		22	4.90	64.7	4.63	6.73	0.23	0.11	0.04	0.140	0.24	31.1	48.3	2.28	3930	2.15
E842415		24	3.37	34.7	3.33	6.79	0.23	0.07	0.05	0.081	0.24	27.8	54.5	2.08	1645	0.56
E842416		19	6.75	26.4	3.92	5.51	0.20	0.10	0.04	0.293	0.24	26.2	52.3	2.36	4500	0.34
E842417		12	2.93	157.0	4.04	3.11	0.11	0.18	0.05	0.210	0.14	23.8	18.2	1.10	5640	1.59
E842418		10	2.12	500.0	5.51	3.34	0.17	0.09	0.42	0.646	0.08	25.2	18.0	0.81	13350	1.51
E842419		11	1.01	88.0	4.07	2.22	0.10	0.07	0.06	0.244	0.07	20.7	9.5	1.85	7330	1.59
E842420		9	1.39	397.0	4.08	2.35	0.11	0.09	0.10	0.234	0.09	24.3	14.5	5.06	6380	3.62
E842421		12	2.17	47.6	2.97	3.28	0.12	0.11	0.16	0.129	0.16	21.7	23.8	3.67	2890	1.76
E842422		28	1.91	56.9	5.54	5.45	0.15	0.16	0.06	0.090	0.14	42.7	15.9	0.72	4410	6.00
E842423		16	3.26	210.0	4.50	3.78	0.15	0.15	0.05	0.127	0.36	50.1	18.1	0.82	3250	1.40
E842424		1	<0.05	1.0	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	<0.01	7	<0.05
E842425		15	2.31	17.3	4.95	2.71	0.15	0.13	0.03	0.078	0.20	60.7	5.7	0.30	2580	1.41
E842426		24	3.45	3.3	5.97	4.92	0.18	0.51	0.02	0.076	0.47	64.3	18.1	1.20	2310	1.81
E842427		13	5.47	49.8	3.36	4.91	0.15	0.33	0.04	0.048	0.37	36.9	16.7	0.99	1055	1.25
E842428		11	4.34	164.5	4.53	3.81	0.17	0.25	0.08	0.088	0.22	32.9	13.3	1.79	3500	1.36
E842429		9	3.11	190.5	3.62	2.61	0.14	0.46	0.38	0.229	0.23	33.4	6.6	1.94	2570	8.84
E842430		4	1.37	43.5	2.97	0.92	0.08	0.16	0.17	0.072	0.10	16.2	4.9	7.83	2120	7.49
E842431		4	1.38	46.1	3.11	0.93	0.09	0.19	0.17	0.073	0.11	16.8	5.1	7.77	2090	8.18

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 26-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
E842392		0.02	0.08	46.5	490	39.0	6.8	0.001	0.05	2.47	3.0	3.0	0.2	17.7	<0.01	0.08
E842393		0.02	0.06	61.9	480	52.3	9.3	0.001	0.11	3.65	5.0	2.4	0.2	25.4	<0.01	0.11
E842394		0.01	0.09	41.1	870	44.1	17.0	0.001	0.04	3.70	5.5	1.4	0.2	3.3	0.01	0.19
E842395		<0.01	0.05	44.9	290	20.3	17.7	0.001	0.02	6.07	7.9	1.8	0.3	2.3	0.01	0.27
E842396		0.01	0.07	61.0	340	106.5	21.9	<0.001	0.04	7.87	13.4	1.9	0.4	3.9	0.01	0.20
E842397		0.02	0.24	28.6	440	30.8	21.9	<0.001	0.05	3.28	4.9	1.2	0.3	11.3	0.01	0.05
E842398		0.01	0.44	49.1	1050	104.5	28.7	<0.001	0.06	3.46	6.6	1.9	0.5	7.1	0.01	0.31
E842399		0.01	0.36	52.2	670	12.8	11.8	0.001	0.04	1.40	5.2	1.1	0.4	7.4	<0.01	0.10
E842400		0.01	0.25	21.6	1320	18.6	18.7	0.001	0.06	0.92	8.5	1.4	0.4	5.4	0.01	0.09
E842401		0.01	0.10	19.2	1780	9.8	26.3	<0.001	0.10	0.87	1.2	1.4	0.5	6.1	0.01	0.11
E842402		0.01	0.26	22.3	660	5.0	34.8	<0.001	0.05	0.93	1.3	0.6	0.6	5.6	<0.01	0.07
E842403		0.02	0.26	54.1	1020	9.2	10.0	0.001	0.09	0.81	52.4	3.2	0.3	6.5	0.01	0.08
E842404		0.01	0.27	20.8	950	9.7	16.2	0.001	0.04	1.29	8.3	2.0	0.4	3.8	0.01	0.25
E842405		0.01	0.25	17.1	1110	4.9	19.7	<0.001	0.09	1.08	5.5	1.6	0.4	5.8	0.01	0.12
E842406		<0.01	0.21	36.1	840	6.3	42.8	<0.001	0.03	1.31	4.4	1.3	0.7	2.5	0.01	0.12
E842407		0.01	0.27	29.2	930	5.8	28.2	0.001	0.05	1.24	5.5	1.2	0.5	5.5	0.01	0.11
E842408		0.02	0.29	21.3	1210	6.1	20.2	0.001	0.07	0.93	5.5	1.5	0.5	7.3	0.01	0.11
E842409		0.02	0.28	31.1	1270	8.2	18.8	0.001	0.08	1.06	7.8	1.7	0.6	6.6	0.01	0.12
E842410		0.02	0.48	32.2	880	13.2	24.8	0.001	0.05	1.14	7.6	2.3	0.5	9.7	0.01	0.19
E842411		0.01	0.42	24.0	600	9.4	37.4	<0.001	0.04	1.62	5.6	1.2	0.4	6.9	0.01	0.03
E842412		0.01	0.43	19.2	650	9.7	32.8	<0.001	0.06	1.29	4.5	1.1	0.4	7.4	<0.01	0.03
E842413		0.01	0.28	20.7	680	9.4	35.9	0.001	0.05	1.53	4.6	1.1	0.4	4.9	<0.01	0.04
E842414		0.02	0.20	27.8	890	10.5	26.1	0.001	0.08	1.55	6.3	1.5	0.3	10.1	0.01	0.04
E842415		0.01	0.31	25.8	730	9.0	28.9	<0.001	0.06	1.56	5.3	1.1	0.4	6.6	<0.01	0.04
E842416		0.02	0.20	26.8	830	7.2	28.5	<0.001	0.07	1.33	5.2	1.1	0.3	7.1	<0.01	0.04
E842417		0.02	0.18	48.7	1350	16.2	11.6	<0.001	0.13	2.63	5.4	1.3	0.2	11.8	0.01	0.08
E842418		0.02	0.10	49.9	1470	367.0	9.9	<0.001	0.14	41.80	4.8	1.9	0.2	8.6	0.01	0.05
E842419		0.02	0.13	17.2	930	22.0	6.5	<0.001	0.07	1.73	4.2	1.3	0.2	11.5	0.01	0.05
E842420		0.02	0.12	26.4	790	22.6	7.8	<0.001	0.07	2.40	3.6	1.4	0.2	19.4	0.01	0.10
E842421		0.01	0.11	20.0	530	16.5	9.7	<0.001	0.06	2.47	3.3	0.7	0.3	13.7	<0.01	0.04
E842422		0.03	0.37	43.9	840	6.4	15.0	<0.001	0.06	2.34	12.2	1.7	1.1	10.0	0.01	0.13
E842423		0.01	0.31	42.9	790	17.6	38.1	0.001	0.03	1.80	5.1	1.3	0.8	3.1	0.01	0.11
E842424		<0.01	<0.05	0.3	10	0.6	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01
E842425		0.01	0.38	22.8	770	11.5	24.4	<0.001	0.02	1.82	5.7	0.9	0.7	3.0	<0.01	0.13
E842426		0.01	0.16	48.3	810	7.3	52.9	0.001	0.01	1.82	4.3	0.9	1.0	3.4	<0.01	0.18
E842427		0.01	0.14	16.7	320	41.4	32.4	0.001	0.02	1.79	2.9	1.0	0.6	2.4	<0.01	0.03
E842428		0.02	0.11	20.2	440	89.1	22.1	0.001	0.03	2.91	3.9	5.7	0.4	6.3	<0.01	0.07
E842429		0.01	<0.05	64.1	1220	64.5	16.7	0.003	0.09	3.24	4.2	3.9	0.8	12.8	<0.01	0.38
E842430		0.02	0.09	38.4	550	40.2	7.2	0.001	0.06	3.14	2.9	2.0	0.2	28.8	<0.01	0.08
E842431		0.03	0.09	40.6	590	42.2	7.2	0.001	0.06	3.51	3.0	2.3	0.2	28.6	<0.01	0.09

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842392		2.5	0.005	0.45	1.47	24	<0.05	17.70	179	3.6
E842393		3.8	<0.005	0.89	1.84	29	0.05	24.90	167	15.6
E842394		7.5	0.009	0.31	3.67	15	0.12	19.55	171	9.7
E842395		7.1	0.016	0.28	7.16	19	0.44	22.70	68	14.7
E842396		8.2	0.015	0.55	6.56	24	0.06	37.10	171	14.1
E842397		3.5	0.018	0.46	1.78	19	0.08	21.00	110	2.6
E842398		3.1	0.036	0.36	3.94	37	0.17	25.60	200	1.8
E842399		2.4	0.030	0.18	2.26	49	0.30	10.80	133	1.1
E842400		3.7	0.019	0.07	2.32	34	0.53	20.20	41	4.5
E842401		0.4	0.010	0.14	2.63	23	0.40	16.85	48	0.6
E842402		0.7	0.027	0.09	2.41	29	0.44	6.80	28	<0.5
E842403		2.6	0.029	0.12	5.64	145	0.53	37.50	55	2.2
E842404		10.0	0.023	0.08	4.82	19	0.85	36.10	18	4.5
E842405		4.5	0.017	0.07	5.88	24	0.71	21.00	13	3.8
E842406		3.4	0.029	0.12	3.88	17	0.88	27.10	15	0.8
E842407		5.0	0.028	0.08	4.35	20	0.75	21.90	21	4.8
E842408		4.4	0.025	0.09	4.19	20	0.71	25.30	24	4.3
E842409		4.5	0.027	0.11	5.80	26	0.72	28.50	40	4.3
E842410		7.1	0.043	0.14	7.40	29	0.50	32.10	59	4.0
E842411		4.4	0.040	0.21	0.91	28	0.11	22.90	63	3.6
E842412		2.9	0.038	0.22	0.80	28	0.10	18.80	68	2.0
E842413		3.0	0.038	0.20	0.97	25	0.17	21.60	56	2.1
E842414		2.6	0.020	0.17	1.50	26	0.28	28.30	45	2.9
E842415		2.0	0.031	0.15	0.73	29	0.18	20.40	50	2.1
E842416		1.8	0.024	0.14	0.56	22	0.20	24.20	47	3.1
E842417		2.0	0.010	0.14	1.06	22	0.26	26.80	118	6.2
E842418		0.9	0.007	0.56	1.31	19	0.11	39.00	289	2.0
E842419		0.8	0.010	0.32	0.80	24	0.08	24.00	102	1.7
E842420		1.3	0.006	0.44	1.01	19	0.14	25.40	187	2.5
E842421		4.2	0.005	0.13	0.62	16	0.06	14.60	282	4.3
E842422		8.6	0.037	0.07	5.16	34	1.34	19.30	25	6.4
E842423		10.8	0.042	0.12	5.87	19	0.92	27.60	67	7.3
E842424		0.4	<0.005	<0.02	0.13	<1	<0.05	0.64	3	0.5
E842425		10.6	0.039	0.07	3.49	21	1.70	22.50	21	6.5
E842426		16.7	0.061	0.12	3.38	26	2.07	22.20	17	31.0
E842427		9.8	0.020	0.21	5.68	14	0.21	11.95	52	17.7
E842428		8.3	0.017	0.42	4.32	17	0.14	17.95	109	15.1
E842429		9.3	<0.005	1.62	3.13	54	0.07	25.20	654	28.1
E842430		3.7	0.006	0.46	1.64	26	0.06	18.50	124	10.2
E842431		4.0	0.007	0.49	1.65	27	0.06	18.30	128	12.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-AA23 Au Check ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1
E842432		0.56	0.005		0.64	1.74	23.1	<0.2	<10	740	2.60	5.71	2.27	0.61	61.90	67.9
E842433		0.66	0.012		0.65	0.40	76	<0.2	<10	220	1.22	1.10	10.50	0.73	37.30	28.4
E842434		0.34	0.009		1.35	0.56	117.0	<0.2	<10	100	1.44	1.04	9.60	1.29	26.20	32.1
E842435		0.48	0.033		2.90	1.92	658.0	<0.2	<10	80	1.11	8.51	0.34	0.49	121.00	157.5
E842436		0.76	<0.005		0.63	1.73	268.0	<0.2	<10	600	2.72	10.85	0.41	0.35	72.20	67.2
E842437		0.40	0.008		0.72	2.48	793.0	<0.2	<10	540	2.43	6.27	0.29	0.37	68.60	203.0
E842438		0.54	0.007		0.46	2.40	324.0	<0.2	<10	350	2.75	4.36	0.11	0.45	70.80	91.0
E842439		0.44	0.044		0.46	3.01	100.5	<0.2	<10	1440	1.85	2.15	0.41	0.13	73.50	162.0
E842440		0.24	0.108		0.42	3.26	61.5	<0.2	<10	2110	2.22	2.79	0.86	0.23	50.40	104.0
E842441		0.60	0.089		0.45	1.87	84.6	<0.2	<10	1240	2.75	2.33	0.61	0.06	75.20	167.5
E842442		0.44	0.008		0.12	1.62	18.9	<0.2	<10	320	1.34	1.04	0.13	0.05	90.00	30.0
E842443		0.38	0.025		0.20	1.30	21.8	<0.2	<10	530	1.58	1.07	0.52	0.04	78.60	20.9
E842444		0.54	0.027		0.30	1.04	60.6	<0.2	<10	450	1.71	2.70	0.33	0.08	116.50	36.4
E842445		0.50	0.031		0.27	1.26	83.8	<0.2	<10	450	1.62	5.37	0.28	0.09	108.00	47.0
E842446		0.48	<0.005		0.43	1.54	45.1	<0.2	<10	250	0.66	1.64	4.51	0.58	66.80	21.2
E842447		0.52	<0.005		1.20	3.11	77.6	<0.2	<10	290	1.10	7.67	0.31	0.45	86.80	50.1
E842448		0.40	0.010		1.30	2.84	232.0	<0.2	<10	290	1.12	15.85	0.22	0.46	81.50	71.8
E842449		0.42	0.008		0.48	2.02	50.8	<0.2	<10	260	0.84	2.72	3.57	0.53	72.80	26.4
E842450		0.26	0.007		0.41	1.61	31.0	<0.2	<10	1500	0.69	1.07	4.19	0.79	60.40	15.9
E842451		0.48	<0.005		0.15	2.07	13.9	<0.2	<10	120	0.71	0.66	3.77	0.11	68.40	13.1
E842452		0.38	<0.005		0.13	2.10	18.0	<0.2	<10	140	1.06	1.30	0.25	0.10	61.00	24.3
E842453		0.42	0.021		0.25	1.02	55.1	<0.2	<10	1300	1.25	0.81	2.85	0.13	48.70	121.5
E842454		0.26	0.007		0.29	0.44	36	<0.2	<10	490	0.72	0.70	10.15	0.30	28.50	39.9
E842455		0.34	<0.005		0.05	2.33	15.0	<0.2	<10	190	1.19	0.78	0.11	0.18	59.40	22.3
E842456		0.30	<0.005		0.15	1.97	20.7	<0.2	<10	510	0.92	0.99	1.35	0.20	66.40	22.9
E842457		0.30	<0.005		0.18	2.49	37.0	<0.2	<10	410	1.55	0.97	0.34	0.30	69.30	29.5
E842458		0.38	0.020		0.57	0.84	33.9	<0.2	<10	1520	1.07	1.74	6.53	0.16	44.80	43.9
E842459		0.18	0.010		0.12	0.57	8.9	<0.2	<10	2320	1.19	0.52	2.37	0.09	37.40	24.1
E842460		0.40	0.036		1.80	1.19	233.0	<0.2	<10	1150	1.59	7.49	0.78	0.34	55.00	105.5
E842461		0.34	0.027		0.50	1.53	41.3	<0.2	<10	1210	1.29	1.41	0.92	0.11	44.60	48.9
E842462		0.54	0.099		0.11	0.92	27.4	<0.2	<10	1840	0.98	1.07	2.98	0.03	66.50	62.5
E842463		0.50	0.010		0.40	1.07	109.5	<0.2	<10	310	1.38	2.75	2.09	0.08	44.90	68.6
E842464		0.44	0.023		0.35	1.39	67.0	<0.2	<10	500	1.40	1.57	0.74	0.09	58.90	41.1
E842465		0.72	0.008		0.18	1.02	22.7	<0.2	<10	370	1.35	0.84	0.13	0.05	56.60	55.3

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Finalized Date: 26-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cr	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
	LOR	1	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05
E842432		18	5.37	78.6	5.51	4.63	0.17	0.49	0.10	0.081	0.17	28.9	24.2	2.27	4450	5.17
E842433		4	2.57	140.0	4.77	1.05	0.13	0.34	0.36	0.184	0.16	19.0	5.1	6.44	2600	20.40
E842434		4	3.74	150.0	5.04	1.26	0.10	0.40	0.70	0.211	0.25	14.1	7.6	5.12	1320	19.55
E842435		38	3.20	929.0	21.60	9.58	0.39	0.33	0.26	0.229	0.69	90.2	32.1	0.66	3130	99.50
E842436		18	4.71	293.0	8.71	5.76	0.22	0.17	0.20	0.206	0.28	34.6	23.9	1.22	5250	4.21
E842437		25	3.42	370.0	8.03	7.81	0.20	0.26	0.16	0.215	0.25	30.5	30.5	1.47	3990	4.58
E842438		23	8.51	219.0	5.50	8.25	0.17	0.15	0.08	0.131	0.30	33.7	40.7	1.63	2130	10.15
E842439		41	3.64	1450.0	9.16	13.40	0.33	0.16	0.12	0.138	0.24	41.5	65.0	3.43	3000	14.80
E842440		55	3.17	1090.0	14.75	11.95	0.42	0.28	0.11	0.503	0.12	25.1	52.8	3.50	14000	49.40
E842441		22	8.36	711.0	9.98	9.15	0.21	0.19	0.09	0.191	0.37	41.4	44.2	1.70	5530	20.20
E842442		24	1.39	46.6	4.75	6.87	0.14	0.03	0.03	0.063	0.24	49.9	31.2	1.33	1200	5.03
E842443		19	1.26	86.0	4.30	4.71	0.15	0.13	0.04	0.098	0.23	44.9	21.3	1.03	1205	4.18
E842444		19	2.45	135.0	5.49	4.10	0.22	0.13	0.06	0.089	0.35	67.5	15.3	0.76	2220	4.88
E842445		21	3.02	127.0	6.07	4.63	0.20	0.16	0.05	0.115	0.40	62.0	18.8	0.98	3070	2.84
E842446		13	3.90	60.1	3.75	4.68	0.16	0.14	0.13	0.110	0.21	32.5	29.8	3.96	4640	1.42
E842447		26	3.88	213.0	8.66	9.38	0.22	0.19	0.25	0.208	0.22	37.0	39.4	2.18	14150	3.08
E842448		24	5.84	290.0	8.11	8.43	0.23	0.16	0.33	0.225	0.11	35.1	34.0	1.75	10350	9.02
E842449		18	5.46	84.9	4.59	6.00	0.24	0.15	0.10	0.134	0.36	35.5	51.7	4.32	6970	3.78
E842450		12	3.84	53.6	4.97	4.73	0.17	0.11	0.11	0.133	0.18	30.0	30.9	4.02	10300	2.57
E842451		18	5.24	34.1	2.58	5.68	0.31	0.15	0.04	0.040	0.45	32.3	49.6	4.87	1935	1.08
E842452		21	6.69	50.0	3.55	7.46	0.20	0.17	0.03	0.064	0.19	29.3	59.5	2.28	2150	1.24
E842453		13	2.98	727.0	5.48	4.23	0.14	0.15	0.08	0.191	0.14	25.8	20.9	2.39	5470	11.00
E842454		5	0.55	109.5	3.42	1.69	0.08	0.07	0.06	0.102	0.04	14.2	7.5	6.51	6250	4.47
E842455		23	5.46	40.0	4.28	7.99	0.16	0.10	0.05	0.088	0.18	27.6	53.3	2.03	3790	1.83
E842456		21	4.85	58.5	3.71	6.22	0.21	0.20	0.04	0.076	0.25	31.8	51.8	3.10	4170	2.66
E842457		23	6.36	93.7	5.56	8.73	0.20	0.26	0.07	0.135	0.21	37.0	62.0	2.33	4330	2.23
E842458		9	1.85	134.0	4.50	3.41	0.12	0.12	0.11	0.293	0.09	23.4	19.9	4.52	12250	3.59
E842459		8	0.96	100.5	3.66	2.00	0.08	0.11	0.14	0.202	0.08	19.6	8.2	1.04	6260	3.98
E842460		9	3.61	2290.0	7.84	4.30	0.18	0.18	0.10	0.401	0.11	25.7	25.7	0.97	13200	10.80
E842461		21	4.57	295.0	7.07	4.72	0.13	0.28	0.12	0.213	0.11	21.0	24.4	0.81	10750	10.15
E842462		15	3.18	188.5	4.50	3.98	0.16	0.31	0.06	0.094	0.18	37.5	22.9	2.55	2910	9.70
E842463		12	3.17	278.0	3.97	3.23	0.11	0.17	0.05	0.087	0.11	21.8	18.0	1.76	3440	5.24
E842464		17	3.63	177.0	5.80	4.05	0.15	0.18	0.05	0.176	0.14	29.1	26.4	1.44	4560	4.98
E842465		19	1.76	107.0	4.54	3.69	0.14	0.16	0.04	0.103	0.12	28.3	12.4	0.65	2120	5.67

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 26-AUG-2007
Account: EIAFRG

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CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01
E842432		0.02	<0.05	120.5	830	38.2	14.9	0.001	0.03	8.63	6.5	3.8	0.4	9.8	0.01	0.23
E842433		0.02	0.06	115.5	860	103.5	9.8	0.006	0.15	7.03	4.2	4.2	0.4	26.2	0.01	0.14
E842434		0.02	<0.05	105.5	790	153.0	15.3	0.015	0.28	6.85	2.8	3.2	0.7	23.0	<0.01	0.16
E842435		0.01	0.27	97.2	2020	106.0	35.0	0.007	1.70	21.10	18.0	3.9	3.9	15.4	0.01	0.75
E842436		0.01	0.19	64.7	810	54.3	30.3	0.001	0.08	2.92	8.9	3.1	0.5	5.8	0.01	0.18
E842437		0.01	0.16	67.9	1300	68.9	24.6	0.001	0.12	2.24	7.8	2.9	0.6	6.3	0.01	0.67
E842438		0.01	0.18	41.7	450	170.5	38.3	<0.001	0.04	3.04	5.7	1.7	0.7	3.4	<0.01	0.10
E842439		0.02	0.21	42.4	880	16.6	37.3	0.001	0.13	1.97	15.2	2.1	1.7	17.1	<0.01	0.20
E842440		0.04	0.18	54.0	1170	33.5	22.3	0.001	0.14	2.07	41.4	3.1	0.5	9.2	0.01	0.23
E842441		0.02	0.51	40.1	790	13.9	61.9	<0.001	0.19	2.41	12.8	2.7	0.9	6.8	0.01	0.30
E842442		0.01	0.23	27.0	770	10.2	33.0	<0.001	0.03	1.27	2.3	0.7	0.9	3.4	<0.01	0.08
E842443		0.01	0.33	22.0	990	8.9	30.1	<0.001	0.07	1.33	4.3	1.5	0.8	5.3	0.01	0.11
E842444		0.01	0.47	32.8	1030	13.8	36.0	0.001	0.05	2.24	5.0	1.4	1.0	4.1	<0.01	0.17
E842445		0.01	0.38	35.4	790	17.3	41.5	<0.001	0.04	2.23	5.8	1.4	0.9	3.3	<0.01	0.16
E842446		0.02	0.14	18.5	470	55.5	21.7	<0.001	0.03	1.34	3.6	0.9	0.2	12.3	<0.01	0.09
E842447		0.01	0.18	33.9	870	56.8	18.5	<0.001	0.05	1.20	6.9	1.7	0.3	12.3	0.01	0.48
E842448		0.01	0.17	39.5	790	42.9	12.4	0.001	0.05	2.57	7.2	1.8	0.3	12.4	0.01	0.53
E842449		0.02	0.17	26.3	540	54.8	32.4	<0.001	0.05	2.12	4.8	1.2	0.4	10.9	<0.01	0.12
E842450		0.03	0.13	20.7	410	33.3	15.8	0.001	0.04	1.59	3.5	1.1	0.2	10.0	0.01	0.04
E842451		0.01	0.16	18.0	390	15.3	37.7	<0.001	0.02	1.23	3.0	0.7	0.3	7.7	<0.01	0.05
E842452		0.01	0.27	24.2	490	15.3	30.1	<0.001	0.04	0.60	4.7	1.4	0.3	4.7	<0.01	0.06
E842453		0.02	0.20	39.0	850	9.8	14.9	<0.001	0.09	1.71	8.4	2.2	0.4	14.0	0.01	0.15
E842454		0.02	0.09	15.5	440	26.1	4.4	<0.001	0.06	0.99	2.9	1.7	<0.2	23.1	0.01	0.07
E842455		0.01	0.31	21.7	790	18.1	28.5	<0.001	0.04	0.95	5.6	1.5	0.4	4.3	0.01	0.06
E842456		0.01	0.13	22.2	490	15.8	22.7	<0.001	0.02	1.11	5.4	0.9	0.3	4.0	<0.01	0.06
E842457		0.01	0.33	28.6	900	15.0	27.6	<0.001	0.05	0.93	7.4	2.3	0.4	5.3	0.01	0.08
E842458		0.03	0.12	23.7	480	22.0	8.4	<0.001	0.04	2.48	5.8	1.9	0.3	24.6	<0.01	0.07
E842459		0.04	0.09	11.7	1120	6.4	8.9	<0.001	0.14	0.75	3.9	1.9	0.2	13.4	0.01	0.09
E842460		0.02	0.08	133.0	660	38.0	9.6	<0.001	0.11	5.46	8.7	2.2	0.3	7.4	0.01	0.28
E842461		0.02	0.08	32.4	1190	8.0	9.6	<0.001	0.10	1.68	15.2	1.7	0.4	6.3	0.01	0.15
E842462		0.02	0.14	30.8	690	7.4	15.1	<0.001	0.06	1.35	5.5	1.3	0.7	21.7	<0.01	0.15
E842463		0.01	<0.05	68.4	580	10.6	7.3	<0.001	0.07	2.69	6.1	1.0	0.3	8.5	<0.01	0.11
E842464		0.01	0.16	28.0	760	10.7	12.1	<0.001	0.05	2.14	8.9	1.4	0.4	4.7	0.01	0.15
E842465		0.01	0.07	27.0	650	6.1	7.3	<0.001	0.18	0.92	4.0	1.3	0.3	4.8	<0.01	0.16

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07087735

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.2	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842432		9.4	0.009	0.96	5.72	27	0.10	32.10	476	38.3
E842433		5.9	<0.005	0.83	2.82	32	0.11	25.80	483	22.3
E842434		6.3	<0.005	0.57	4.82	26	0.11	18.10	1130	25.5
E842435		7.0	0.012	19.45	16.95	175	1.36	22.80	135	19.9
E842436		8.1	0.019	0.72	13.20	28	0.18	44.20	97	8.8
E842437		6.1	0.012	0.48	8.36	31	0.09	34.90	111	9.9
E842438		8.5	0.017	0.71	10.70	25	0.12	22.40	158	7.6
E842439		22.8	0.047	0.60	14.85	87	0.97	22.30	38	8.7
E842440		19.6	0.031	0.28	16.40	125	0.31	62.90	64	10.5
E842441		16.2	0.036	0.54	15.20	37	0.93	47.30	27	9.0
E842442		2.4	0.028	0.13	3.63	39	0.79	8.92	25	0.8
E842443		4.8	0.024	0.12	10.25	25	0.85	17.25	23	4.5
E842444		12.2	0.045	0.24	8.69	25	1.42	19.90	27	6.8
E842445		11.7	0.045	0.35	5.86	29	1.65	21.80	33	8.4
E842446		6.8	0.014	0.25	1.12	14	0.08	15.55	231	7.7
E842447		8.6	0.017	0.16	2.98	26	0.10	28.00	198	7.0
E842448		9.3	0.018	0.23	4.61	27	0.11	29.90	180	6.7
E842449		7.8	0.020	0.50	2.11	21	0.08	21.20	226	8.6
E842450		6.1	0.011	0.24	1.13	14	0.05	18.55	324	5.3
E842451		8.7	0.028	0.27	0.96	15	<0.05	14.00	64	8.6
E842452		7.1	0.028	0.17	1.01	16	0.06	26.20	54	5.4
E842453		6.4	0.021	0.19	3.09	22	0.40	27.20	31	4.1
E842454		0.8	0.006	0.17	1.06	11	0.06	21.00	56	1.4
E842455		6.3	0.034	0.16	0.99	22	0.12	26.70	68	2.4
E842456		7.9	0.025	0.21	1.13	25	0.12	16.95	92	8.4
E842457		7.0	0.025	0.16	2.07	25	0.10	36.40	103	7.0
E842458		3.7	0.009	0.52	2.62	17	0.27	19.55	46	3.6
E842459		1.6	0.007	0.08	4.40	11	0.27	21.00	18	2.7
E842460		4.6	0.006	0.82	4.43	15	0.20	26.20	93	4.5
E842461		12.2	0.008	0.28	3.52	30	0.24	22.80	40	9.6
E842462		12.1	0.029	0.08	4.16	21	1.25	13.25	19	15.6
E842463		8.8	0.006	0.12	3.72	12	0.17	11.65	34	8.3
E842464		10.5	0.028	0.11	5.05	27	0.46	16.55	45	7.8
E842465		16.7	0.018	0.05	6.99	18	0.41	10.45	16	8.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 18-SEP-2007
Account: EIAFRG

CERTIFICATE VA07096030

Project: Werneckes

P.O. No.: FRG07-01

This report is for 54 Soil samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840622		0.36	0.009	0.39	1.58	68.4	<0.2	<10	90	1.01	2.31	0.04	0.13	78.00	9.8	21
E840623		0.32	0.008	0.48	1.72	61.1	<0.2	<10	60	0.80	1.43	0.03	0.12	75.00	9.1	25
E840624		0.28	0.005	0.41	1.70	45.1	<0.2	<10	70	0.75	1.24	0.03	0.10	81.90	7.7	21
E840625		0.38	0.012	0.41	1.78	58.3	<0.2	<10	70	0.77	1.87	0.03	0.13	62.40	11.2	29
E840626		0.40	0.019	0.54	2.00	35.4	<0.2	<10	100	1.40	2.19	0.03	0.10	119.00	8.4	25
E840627		0.38	0.011	0.71	1.76	88.4	<0.2	<10	90	1.18	1.97	0.05	0.20	71.00	10.3	22
E840628		0.34	0.031	1.16	0.70	60.8	<0.2	<10	90	0.55	7.00	0.01	0.08	248.00	3.8	11
E840629		0.42	0.006	0.23	1.62	36.5	<0.2	<10	40	0.74	0.89	0.02	0.08	76.40	6.7	17
E840630		0.36	0.005	0.26	1.82	21.6	<0.2	<10	50	0.57	0.83	0.04	0.12	69.30	6.6	23
E840631		0.46	0.012	0.46	1.64	53.0	<0.2	<10	90	0.89	1.99	0.03	0.12	105.00	9.1	23
E840632		0.36	0.021	0.60	2.20	75.1	<0.2	<10	50	2.10	3.84	0.02	0.65	111.00	70.2	17
E840633		0.32	0.018	0.55	1.39	112.5	<0.2	<10	90	0.83	3.36	0.07	0.22	58.70	13.0	20
E840634		0.28	0.008	0.36	1.94	62.7	<0.2	<10	110	0.97	2.37	0.03	0.09	68.00	7.6	22
E840635		0.44	0.012	0.34	2.10	73.2	<0.2	<10	130	1.36	2.72	0.04	0.40	101.50	20.5	21
E840636		0.44	0.013	0.78	1.44	79.2	<0.2	<10	310	1.44	2.00	0.40	5.78	57.70	72.1	9
E840637		0.16	<0.005	0.24	0.47	16.4	<0.2	<10	200	0.40	0.87	1.92	0.73	13.30	8.7	4
E840638		0.32	0.017	1.71	0.93	118.5	<0.2	<10	190	1.29	2.56	0.40	1.52	50.30	25.3	7
E840639		0.32	0.005	1.22	1.80	130.5	<0.2	<10	160	1.58	2.79	0.69	1.08	47.10	25.7	10
E840640		0.20	0.008	0.43	0.60	65.8	<0.2	<10	250	1.20	0.89	1.83	0.64	21.60	26.7	6
E840641		0.38	0.011	0.22	0.91	117.0	<0.2	<10	180	1.18	0.91	0.27	0.29	54.60	54.7	13
E840642		0.36	0.023	0.13	0.62	71.9	<0.2	<10	910	0.59	0.92	2.44	0.11	22.30	106.0	10
E840643		0.40	0.005	0.07	1.77	14.1	<0.2	<10	230	0.63	0.74	0.12	0.13	44.70	15.1	19
E840644		0.34	<0.005	0.09	1.83	11.5	<0.2	<10	330	1.04	0.68	0.61	0.08	37.30	10.9	18
E842095		0.32	0.011	1.32	1.00	275.0	<0.2	<10	400	1.30	8.00	0.28	1.24	52.20	48.9	8
E842096		0.42	0.006	0.66	1.18	134.0	<0.2	<10	140	1.26	28.40	0.08	0.60	50.20	31.9	9
E842097		0.20	0.005	0.64	0.93	107.5	<0.2	<10	240	0.80	1.43	0.63	1.24	55.00	29.9	8
E842098		0.28	<0.005	0.61	0.52	57.8	<0.2	<10	100	0.41	1.47	0.31	0.69	30.60	12.9	6
E842099		0.30	0.006	1.33	0.72	78.3	<0.2	<10	380	1.01	2.17	1.44	1.33	36.10	29.7	5
E842100		0.42	0.039	5.75	1.27	279.0	<0.2	<10	170	1.38	3.55	0.05	2.78	31.50	31.1	9
E843851		0.30	<0.005	0.57	0.66	94.1	<0.2	<10	240	0.64	1.02	0.54	0.73	31.80	24.6	5
E843852		0.32	<0.005	0.99	1.37	70.8	<0.2	10	280	0.88	0.90	0.83	0.58	31.50	13.8	10
E843853		0.44	0.019	1.61	1.56	151.0	<0.2	<10	230	1.21	2.58	0.37	1.74	139.00	52.0	11
E843854		0.26	0.006	0.24	0.94	51.0	<0.2	<10	310	0.68	0.85	1.20	1.68	35.60	14.0	6
E843855		0.20	0.011	0.34	0.62	43.0	<0.2	<10	130	0.36	0.87	0.93	1.02	22.80	10.1	6
E843856		0.48	<0.005	0.64	1.50	47.0	<0.2	<10	180	1.28	0.80	0.22	1.03	58.70	22.0	17
E843857		0.44	0.011	1.84	2.03	71.8	<0.2	<10	120	1.22	2.58	0.10	2.10	92.30	37.6	22
E843858		0.40	0.005	0.70	1.79	55.9	<0.2	<10	80	0.57	1.15	0.05	1.08	50.20	40.6	21
E843859		0.48	0.008	0.24	1.62	66.1	<0.2	<10	80	0.78	1.70	0.04	0.17	90.20	10.3	18
E843860		0.38	0.013	1.04	1.39	70.0	<0.2	<10	70	0.74	4.27	0.03	0.10	43.30	10.7	22
E843861		0.30	<0.005	0.20	0.82	14.3	<0.2	<10	40	0.21	0.50	0.05	0.13	47.90	4.0	11

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 18-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840622		1.47	94.7	5.07	5.70	0.13	0.04	0.05	0.050	0.07	41.3	22.8	0.32	353	7.45	0.02
E840623		1.44	84.0	5.54	5.87	0.12	0.06	0.07	0.051	0.06	40.9	23.7	0.40	484	8.00	0.02
E840624		1.54	64.2	4.16	5.74	0.12	0.04	0.09	0.043	0.06	46.4	24.0	0.29	338	5.96	0.02
E840625		2.03	104.5	6.17	6.37	0.11	0.04	0.04	0.071	0.06	34.0	19.9	0.34	511	8.45	0.02
E840626		2.10	108.0	5.56	5.97	0.13	0.06	0.05	0.052	0.08	74.1	30.9	0.35	354	9.11	0.04
E840627		2.72	81.8	5.06	6.07	0.11	0.03	0.07	0.051	0.06	42.5	21.8	0.24	322	7.15	0.03
E840628		0.82	69.4	7.04	4.60	0.21	0.06	0.06	0.045	0.24	105.5	9.6	0.07	107	4.92	0.13
E840629		1.41	56.0	4.23	6.30	0.10	0.06	0.11	0.037	0.05	39.6	16.8	0.20	290	4.00	0.01
E840630		1.88	39.7	4.16	5.48	0.07	0.03	0.05	0.034	0.05	38.4	21.0	0.28	244	3.33	0.01
E840631		1.73	88.2	5.98	5.20	0.14	0.04	0.06	0.048	0.07	53.3	23.4	0.39	396	8.29	0.05
E840632		3.37	157.5	10.35	5.62	0.23	0.14	0.10	0.145	0.07	51.9	28.4	0.35	4430	7.00	0.01
E840633		1.22	132.0	6.95	4.97	0.13	0.05	0.10	0.060	0.09	36.8	19.4	0.44	561	8.61	0.02
E840634		1.34	81.9	5.36	6.24	0.11	0.05	0.09	0.054	0.09	39.5	26.3	0.32	347	7.13	0.03
E840635		1.24	121.5	6.45	5.05	0.14	0.12	0.08	0.052	0.11	55.4	28.8	0.42	817	8.99	0.03
E840636		1.62	172.0	10.55	3.99	0.18	0.26	0.27	0.308	0.10	28.4	19.5	0.48	19750	10.50	0.01
E840637		0.46	14.1	1.90	1.79	<0.05	0.06	0.15	0.044	0.04	5.6	2.6	0.32	4630	1.30	0.02
E840638		2.71	83.9	4.61	2.63	0.10	0.22	0.21	0.139	0.16	24.3	17.8	0.49	5820	7.26	0.01
E840639		2.91	48.5	4.25	4.29	0.09	0.27	0.13	0.117	0.10	22.5	37.8	2.02	3430	4.97	0.01
E840640		1.02	236.0	1.83	1.48	<0.05	0.14	0.07	0.042	0.08	10.6	8.2	0.48	1320	1.90	0.02
E840641		1.84	221.0	3.13	2.80	0.08	0.10	0.04	0.037	0.12	27.3	16.7	0.55	1120	3.09	<0.01
E840642		1.27	184.5	3.41	1.87	0.06	0.10	0.08	0.066	0.13	11.4	10.8	1.33	2340	5.66	0.04
E840643		3.09	25.7	3.59	7.49	0.07	0.02	0.04	0.040	0.13	21.8	32.6	1.13	1190	1.88	0.01
E840644		4.03	42.4	2.73	5.61	0.10	0.06	0.04	0.044	0.14	22.3	45.8	1.68	547	0.91	0.01
E842095		2.13	173.0	5.04	2.44	0.10	0.14	0.14	0.150	0.07	24.4	16.3	0.33	5070	2.15	0.01
E842096		3.77	123.5	4.65	2.78	0.10	0.07	0.05	0.108	0.08	24.1	21.0	0.31	1730	3.31	0.01
E842097		1.82	49.3	3.65	2.53	0.08	0.12	0.13	0.304	0.08	23.7	11.6	0.48	4550	1.37	0.01
E842098		2.04	59.6	2.52	2.83	0.05	<0.02	0.10	0.075	0.11	14.8	3.8	0.18	895	2.39	0.01
E842099		1.03	221.0	6.49	1.87	0.11	0.23	0.20	0.185	0.08	16.6	7.3	0.31	11100	3.61	0.01
E842100		3.29	165.0	7.05	3.07	0.12	0.06	0.23	0.097	0.38	14.6	12.4	0.29	2020	29.80	0.04
E843851		0.47	62.3	7.93	1.72	0.10	0.18	0.10	0.122	0.05	13.2	3.2	0.18	10900	4.54	0.01
E843852		0.83	36.2	5.96	3.54	0.10	0.09	0.11	0.283	0.06	12.7	22.5	4.27	6730	2.74	0.01
E843853		1.71	174.5	9.81	4.15	0.26	0.23	0.21	0.093	0.08	90.2	15.6	0.60	5930	24.60	0.03
E843854		0.68	25.8	3.33	3.08	0.06	0.07	0.12	0.070	0.05	14.5	5.2	0.26	6640	2.42	0.01
E843855		0.66	27.9	2.75	2.82	0.05	0.05	0.14	0.060	0.10	10.7	3.6	0.23	2550	2.87	0.01
E843856		1.68	85.1	6.85	4.33	0.12	0.12	0.12	0.110	0.10	30.2	24.8	0.49	5990	4.85	<0.01
E843857		2.41	124.5	6.51	5.68	0.14	0.07	0.13	0.086	0.10	44.5	36.6	0.74	3970	8.27	0.01
E843858		1.86	70.5	5.58	5.97	0.10	0.09	0.15	0.072	0.07	24.1	20.0	0.53	5370	4.83	0.02
E843859		1.67	79.5	5.07	6.14	0.13	0.05	0.09	0.058	0.07	44.6	24.9	0.31	581	6.12	0.01
E843860		1.52	87.9	5.92	5.45	0.10	0.03	0.07	0.050	0.07	21.5	21.7	0.32	466	7.70	0.01
E843861		0.69	28.2	3.41	6.68	0.07	0.02	0.08	0.024	0.06	25.8	6.9	0.13	164	3.25	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840622		0.55	22.1	1020	62.4	11.5	<0.001	0.14	7.02	2.2	1.9	0.4	11.4	<0.01	0.20	13.6
E840623		0.36	19.7	1270	92.5	9.6	<0.001	0.12	4.15	2.1	2.0	0.5	8.5	<0.01	0.21	13.6
E840624		0.53	18.3	1250	75.0	11.7	<0.001	0.16	3.11	1.8	2.2	0.5	9.6	<0.01	0.19	4.9
E840625		0.57	20.8	1450	190.5	11.1	<0.001	0.13	4.95	2.7	1.9	0.6	10.5	<0.01	0.20	26.7
E840626		0.39	22.8	1600	140.5	10.9	<0.001	0.26	5.12	2.3	1.6	0.5	17.7	<0.01	0.20	22.0
E840627		0.79	22.5	1090	151.0	10.1	<0.001	0.18	4.25	2.6	2.5	0.6	14.1	<0.01	0.27	12.5
E840628		0.16	9.9	1430	345.0	15.6	<0.001	1.18	6.34	2.2	2.0	0.5	39.3	<0.01	0.36	34.2
E840629		0.34	19.9	1050	18.3	10.2	<0.001	0.10	1.71	1.5	1.2	0.4	4.6	<0.01	0.11	6.0
E840630		0.99	16.8	610	36.9	10.1	<0.001	0.09	1.76	2.2	1.0	0.5	8.2	<0.01	0.08	8.3
E840631		0.35	23.0	1300	84.9	8.8	<0.001	0.31	4.76	2.4	1.9	0.4	13.4	<0.01	0.18	12.3
E840632		0.33	124.0	1290	38.4	12.9	0.001	0.11	15.35	3.9	2.9	0.3	4.7	0.01	0.35	26.1
E840633		0.24	22.9	1440	121.5	8.8	<0.001	0.21	8.68	2.0	2.3	0.4	13.8	<0.01	0.31	19.9
E840634		0.39	17.3	1180	62.4	14.3	<0.001	0.22	5.98	1.9	1.7	0.5	14.1	<0.01	0.19	10.5
E840635		0.60	43.9	1000	103.0	11.4	<0.001	0.28	7.52	3.2	2.5	0.3	21.2	0.01	0.29	31.4
E840636		0.28	121.0	1080	29.2	11.4	0.001	0.12	17.20	5.0	2.7	0.2	17.8	0.02	0.14	17.5
E840637		0.22	7.4	1470	10.8	3.1	<0.001	0.23	0.88	1.4	1.2	0.2	15.0	0.01	0.06	0.6
E840638		0.14	40.0	1160	42.0	9.3	0.002	0.20	4.69	3.3	2.1	0.3	14.3	0.01	0.33	4.6
E840639		0.12	37.3	900	53.8	10.8	0.001	0.10	3.94	3.7	1.5	0.4	10.3	0.01	0.19	3.9
E840640		0.10	17.0	920	23.8	7.8	0.002	0.18	1.69	1.6	1.1	0.2	12.7	<0.01	0.05	1.7
E840641		0.09	31.3	640	35.4	8.9	0.001	0.05	1.06	3.9	0.6	0.3	4.2	<0.01	0.07	8.3
E840642		0.13	29.4	1170	7.5	8.8	0.003	0.26	0.70	2.7	1.3	0.3	24.1	<0.01	0.12	5.4
E840643		0.45	17.8	660	11.4	22.6	0.002	0.06	0.72	2.0	1.0	0.5	6.1	<0.01	0.10	1.0
E840644		0.29	21.2	920	8.0	21.9	0.001	0.09	0.42	2.7	1.3	0.3	8.8	0.01	0.08	1.6
E842095		0.12	54.5	900	41.6	7.4	0.001	0.11	3.53	2.9	1.2	0.2	9.4	<0.01	0.13	4.9
E842096		0.18	47.5	740	43.2	8.5	0.001	0.16	3.14	1.9	1.2	0.2	9.0	<0.01	0.11	5.2
E842097		0.14	20.7	1060	106.0	8.4	0.001	0.11	3.75	2.6	1.0	0.2	8.6	<0.01	0.08	3.0
E842098		0.19	12.1	1330	45.9	9.8	<0.001	0.14	2.02	0.7	0.6	0.3	6.4	<0.01	0.07	0.2
E842099		0.12	36.5	1520	63.9	5.9	<0.001	0.16	4.01	3.4	1.8	0.2	14.9	0.01	0.13	1.3
E842100		0.32	59.4	1490	703.0	17.5	0.001	0.79	10.05	2.5	5.1	0.3	35.4	<0.01	1.24	3.4
E843851		0.14	30.0	1790	84.5	4.3	0.001	0.13	3.61	3.5	1.7	<0.2	9.2	0.01	0.31	1.6
E843852		0.17	24.3	1370	40.9	4.9	<0.001	0.13	4.97	1.9	1.3	0.3	17.1	0.01	0.11	0.8
E843853		0.35	89.5	1740	158.0	8.8	0.001	0.17	11.75	3.9	5.4	0.3	22.2	0.02	1.07	6.7
E843854		0.23	11.7	1480	35.8	5.8	<0.001	0.16	1.86	2.2	1.1	0.4	11.7	0.01	0.11	0.6
E843855		0.29	10.3	1780	31.1	7.2	<0.001	0.17	1.59	1.6	0.9	0.4	9.9	<0.01	0.10	0.4
E843856		0.29	44.0	920	82.3	12.1	<0.001	0.05	3.90	4.5	1.2	0.3	12.8	0.01	0.09	8.8
E843857		0.27	51.6	1410	280.0	12.0	<0.001	0.14	10.25	2.9	1.7	0.5	23.0	0.01	0.18	8.9
E843858		0.28	28.2	2070	449.0	13.6	<0.001	0.15	4.40	1.8	1.2	0.3	11.5	0.01	0.15	5.7
E843859		0.48	20.1	1230	42.0	15.3	<0.001	0.12	4.32	1.8	1.6	0.4	9.2	<0.01	0.19	13.1
E843860		0.37	22.6	1200	77.6	12.7	<0.001	0.13	17.60	1.9	1.7	0.4	7.8	<0.01	0.22	6.0
E843861		0.38	10.1	1130	13.2	10.2	<0.001	0.09	1.61	1.0	0.7	0.3	4.2	<0.01	0.08	3.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 18-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E840622		0.018	0.18	5.21	28	0.26	5.74	92	0.9	
E840623		0.013	0.17	3.88	26	0.18	9.44	108	1.2	
E840624		0.015	0.16	4.12	27	0.18	6.71	81	0.8	
E840625		0.021	0.21	3.14	37	0.61	9.05	105	0.8	
E840626		0.012	0.20	4.59	24	0.19	7.73	112	1.3	
E840627		0.026	0.21	3.35	34	0.87	6.91	111	0.6	
E840628		0.008	0.35	6.01	14	0.13	5.94	57	1.8	
E840629		0.009	0.14	2.98	27	0.12	4.38	70	1.3	
E840630		0.029	0.16	2.02	42	0.22	3.33	70	0.8	
E840631		0.017	0.23	7.04	26	0.18	8.23	109	0.8	
E840632		0.011	0.21	9.08	20	0.11	29.50	199	2.7	
E840633		0.012	0.22	4.99	20	0.14	13.30	127	0.6	
E840634		0.012	0.22	4.73	29	0.27	5.72	79	0.9	
E840635		0.017	0.23	6.93	25	0.14	10.90	125	3.4	
E840636		<0.005	0.20	7.26	12	0.14	75.40	1690	4.8	
E840637		0.010	1.30	0.63	9	0.05	11.05	157	1.4	
E840638		0.005	0.59	2.90	10	0.09	26.00	1050	5.7	
E840639		<0.005	1.16	1.74	16	0.08	18.40	674	6.6	
E840640		<0.005	0.36	2.04	6	0.09	10.60	275	4.0	
E840641		0.008	0.09	2.08	15	0.18	8.14	155	3.0	
E840642		0.010	0.09	5.45	10	0.28	11.45	29	2.5	
E840643		0.024	0.16	0.86	31	0.18	5.36	62	<0.5	
E840644		0.020	0.12	0.92	17	0.11	17.70	59	1.1	
E842095		<0.005	0.14	1.21	9	0.06	17.20	533	3.7	
E842096		0.005	0.46	1.29	10	0.07	8.97	400	1.8	
E842097		0.005	0.14	1.17	10	0.05	12.00	799	3.0	
E842098		<0.005	0.09	1.05	15	0.08	2.18	372	<0.5	
E842099		0.005	0.57	1.15	9	0.11	40.70	547	4.8	
E842100		0.019	2.76	2.59	19	0.18	11.95	1070	1.6	
E843851		0.008	0.67	1.60	15	0.11	22.00	373	4.0	
E843852		0.009	2.52	1.16	22	0.11	22.50	160	1.7	
E843853		0.019	2.59	2.94	24	0.20	55.80	704	4.9	
E843854		0.009	2.29	0.68	17	0.09	14.15	356	1.3	
E843855		0.011	0.88	0.76	18	0.10	8.23	296	0.8	
E843856		0.010	0.27	1.89	21	0.17	27.30	466	2.3	
E843857		0.012	0.45	4.31	24	0.14	15.20	548	1.1	
E843858		0.012	0.28	2.08	22	0.11	6.59	415	2.3	
E843859		0.013	0.20	4.11	26	0.14	4.77	100	1.4	
E843860		0.021	0.17	3.96	29	0.16	4.27	83	0.9	
E843861		0.012	0.05	1.31	26	0.11	2.00	55	0.5	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 18-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E843862		0.56	0.006	0.34	2.07	66.4	<0.2	<10	90	0.75	1.41	0.03	0.10	85.10	9.6	22
E843863		0.42	0.013	0.35	1.75	72.7	<0.2	<10	60	1.33	3.42	0.02	0.29	110.00	30.1	18
E843864		0.34	0.009	1.76	2.18	38.3	<0.2	<10	190	1.33	0.77	0.16	2.95	95.00	123.0	21
E843865		0.40	0.012	4.02	1.33	193.5	<0.2	<10	280	1.39	2.48	0.40	49.70	46.70	39.6	8
E843866		0.34	0.008	1.27	0.83	109.0	<0.2	<10	720	1.14	1.46	0.75	5.85	36.10	23.7	6
E843867		0.22	0.014	0.78	0.68	236.0	<0.2	<10	150	0.73	1.18	0.37	1.41	38.10	25.1	6
E843868		0.58	0.007	0.14	0.95	84.7	<0.2	<10	390	0.79	0.66	0.59	0.17	30.50	79.8	9
E843869		0.48	0.009	0.19	0.84	39.0	<0.2	<10	450	0.50	1.04	0.08	0.09	30.10	118.0	11
E843870		0.40	0.031	0.09	3.15	36.1	<0.2	<10	3100	1.04	0.42	0.55	0.16	33.30	159.5	93
E843871		0.38	<0.005	0.10	1.88	92.1	<0.2	<10	1440	0.96	0.76	0.90	0.15	54.20	32.2	19
E843872		0.38	<0.005	0.18	2.54	20.7	<0.2	<10	500	1.45	1.22	0.35	0.21	80.40	25.5	27
E845959		0.46	<0.005	1.57	0.13	73	<0.2	<10	50	0.33	1.42	14.75	1.36	13.65	5.4	2
E845960		0.40	<0.005	2.42	0.18	91	<0.2	<10	70	0.45	1.77	11.20	0.48	16.40	9.1	2
E846503		0.58	0.006	0.18	1.31	31.4	<0.2	<10	730	0.87	0.84	1.19	0.19	43.80	35.9	13

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E843862		2.57	93.1	5.46	7.20	0.14	0.11	0.05	0.070	0.11	40.5	48.3	0.57	604	5.83	0.01
E843863		1.39	194.0	8.73	6.33	0.20	0.10	0.08	0.084	0.04	52.1	25.8	0.46	3020	7.64	0.01
E843864		2.20	132.5	7.28	6.34	0.18	0.13	0.18	0.080	0.07	43.1	49.4	1.04	15100	4.06	0.02
E843865		3.82	373.0	8.87	4.74	0.15	0.13	1.07	0.635	0.10	22.8	18.3	0.49	10750	20.60	0.01
E843866		1.41	82.5	6.50	2.24	0.10	0.26	0.31	0.136	0.08	19.4	13.0	0.54	5460	10.20	0.02
E843867		2.03	47.5	3.44	2.25	0.07	0.07	0.13	0.062	0.10	19.1	6.2	0.20	2320	1.76	0.02
E843868		3.03	185.0	3.74	2.57	0.07	0.10	0.11	0.102	0.08	14.0	12.2	0.28	3730	3.30	0.02
E843869		3.41	37.3	3.02	3.21	0.07	0.03	0.06	0.025	0.10	14.8	14.3	0.20	781	8.02	0.05
E843870		16.35	1530.0	9.58	8.13	0.18	0.05	0.07	0.180	0.50	16.9	40.3	2.83	6000	2.75	0.02
E843871		6.28	50.6	4.02	7.00	0.19	0.09	0.07	0.083	0.24	28.6	56.4	2.42	2020	1.45	0.02
E843872		6.51	50.0	4.68	8.43	0.23	0.15	0.09	0.077	0.17	37.4	74.9	2.53	5580	0.66	0.01
E845959		0.44	62.5	5.32	0.50	0.08	0.03	0.48	0.045	0.02	7.8	4.1	9.33	2220	8.47	0.03
E845960		0.53	40.2	7.66	0.63	0.11	0.05	0.88	0.059	0.03	8.3	5.4	6.97	2560	2.95	0.03
E846503		3.54	100.5	3.47	4.25	0.13	0.12	0.05	0.065	0.11	22.5	33.1	1.77	3160	2.67	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E843862		0.17	19.0	1030	35.8	19.5	<0.001	0.16	7.45	2.7	1.2	0.4	6.5	<0.01	0.12	15.2
E843863		0.30	56.9	1090	87.1	8.3	<0.001	0.10	9.05	3.1	4.3	0.3	6.0	0.01	0.36	18.9
E843864		0.13	161.0	1050	191.5	8.4	<0.001	0.09	6.42	4.5	1.8	0.2	25.2	0.01	0.11	19.7
E843865		0.15	75.4	1790	164.0	12.0	0.001	0.17	9.32	4.2	4.8	0.7	9.6	0.01	0.46	3.8
E843866		0.13	45.4	1250	159.0	7.6	0.001	0.12	6.26	2.8	2.2	0.3	10.3	0.01	0.29	3.4
E843867		0.11	20.0	1360	104.5	8.1	<0.001	0.19	2.18	1.8	0.8	0.2	10.1	<0.01	0.09	1.9
E843868		0.13	32.0	2160	12.9	9.1	<0.001	0.10	0.66	6.2	1.0	0.2	9.3	<0.01	0.07	6.1
E843869		0.13	22.0	1580	15.3	9.4	0.002	0.31	0.86	0.9	0.6	0.3	11.9	<0.01	0.07	5.1
E843870		0.20	125.5	710	9.8	84.3	0.001	0.07	0.80	19.7	1.9	0.3	29.7	0.01	0.18	2.4
E843871		0.34	35.8	700	14.4	31.1	<0.001	0.08	0.64	5.6	1.2	0.4	22.2	<0.01	0.07	4.6
E843872		0.15	31.0	900	44.1	22.3	<0.001	0.06	0.79	6.5	1.6	0.3	5.7	0.01	0.11	6.0
E845959		0.07	20.5	180	399.0	1.8	0.001	0.19	8.69	1.7	1.0	<0.2	23.6	<0.01	0.06	1.1
E845960		0.09	31.9	310	166.0	2.6	<0.001	0.27	10.55	2.7	0.8	<0.2	19.8	<0.01	0.05	1.6
E846503		0.12	29.4	470	15.5	13.8	<0.001	0.03	1.09	4.2	0.7	0.3	7.4	<0.01	0.05	6.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 18-SEP-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096030

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	Zn-OG46
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5	0.01
E843862		0.006	0.17	3.96	22	0.08	4.98	88	3.0	
E843863		0.016	0.60	4.91	22	0.12	13.50	149	2.5	
E843864		0.006	0.58	5.73	18	0.09	49.00	885	3.4	
E843865		0.008	0.73	2.37	22	0.14	37.90	>10000	3.0	1.76
E843866		0.006	1.93	1.53	11	0.24	30.70	2470	7.2	
E843867		0.005	0.11	0.92	8	0.06	8.18	452	1.7	
E843868		0.006	0.08	3.30	12	0.11	15.90	52	2.7	
E843869		0.008	0.10	3.21	17	0.35	4.44	42	0.7	
E843870		0.115	0.39	3.56	97	0.15	26.20	59	1.0	
E843871		0.039	0.14	1.54	34	0.19	21.00	72	2.3	
E843872		0.019	0.17	1.25	19	0.09	45.00	87	3.0	
E845959		<0.005	1.40	1.68	11	0.06	13.65	1300	1.4	
E845960		<0.005	0.64	1.40	9	0.07	13.30	289	2.3	
E846503		0.014	0.10	1.61	15	0.17	12.90	76	3.9	

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 19-SEP-2007
Account: EIAFRG

CERTIFICATE VA07096031

Project: Werneckes

P.O. No.: FRG07-01

This report is for 158 Soil samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07096031

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842051	0.36	<0.005	0.32	0.43	23.2	<0.2	<10	560	0.95	1.61	1.90	0.16	30.90	37.0	7
E842052	0.32	0.047	2.48	0.36	554.0	<0.2	10	400	0.83	16.10	6.65	0.20	26.60	193.5	7
E842053	0.56	<0.005	0.98	0.19	42	<0.2	10	60	0.46	0.29	12.30	0.11	16.80	16.8	4
E842054	0.40	<0.005	2.07	0.36	82.5	<0.2	10	120	1.06	0.41	5.10	0.31	26.30	26.6	7
E842055	0.40	<0.005	1.72	0.25	71.7	<0.2	10	50	0.60	0.25	8.83	0.21	17.25	15.9	5
E842056	0.36	<0.005	1.49	0.22	48	<0.2	10	40	0.65	0.29	10.55	0.54	18.55	17.2	4
E842057	0.40	<0.005	1.44	0.13	69	<0.2	10	30	0.50	0.75	12.00	0.18	15.05	10.9	2
E842058	0.38	<0.005	4.84	0.11	94.3	<0.2	<10	50	0.61	0.20	8.66	0.62	16.90	17.1	2
E842059	0.40	<0.005	2.89	0.14	112.5	<0.2	<10	40	0.51	0.15	8.04	0.37	16.15	20.3	3
E842060	0.42	<0.005	3.12	0.17	86	<0.2	<10	170	0.57	0.19	12.05	2.12	14.70	10.5	3
E842061	0.04	<0.005	0.01	0.01	0.2	<0.2	<10	10	<0.05	0.01	0.02	0.02	1.13	0.1	<1
E842062	0.32	<0.005	2.83	0.13	151	<0.2	<10	50	0.57	0.26	10.60	1.22	13.45	10.7	3
E842063	0.48	<0.005	2.28	0.18	139	<0.2	<10	60	0.47	1.85	10.55	0.15	14.30	9.5	3
E842064	0.38	<0.005	2.75	0.71	155	<0.2	<10	50	0.46	13.80	11.05	0.14	13.80	12.2	6
E842065	0.38	<0.005	1.27	0.16	83	<0.2	10	40	0.40	3.13	14.45	0.33	12.80	6.1	3
E842066	0.34	<0.005	2.09	0.15	62	<0.2	10	30	0.35	0.70	14.45	1.87	12.30	6.3	3
E842067	0.30	<0.005	2.40	0.56	89.0	<0.2	<10	90	0.62	1.35	7.23	1.94	20.60	11.6	8
E842068	0.34	<0.005	1.74	0.40	74.8	<0.2	10	70	0.55	0.62	8.07	0.23	20.00	8.1	5
E842069	0.36	0.006	5.38	0.57	104.0	<0.2	<10	250	1.13	0.59	0.92	2.31	35.30	15.0	10
E842070	0.30	<0.005	1.79	0.22	91	<0.2	10	50	0.65	1.51	12.00	0.17	17.70	15.8	3
E842071	0.40	0.008	1.26	0.18	57	<0.2	10	80	0.70	0.62	10.00	0.17	19.00	8.7	3
E842072	0.50	<0.005	0.87	0.09	58	<0.2	10	90	0.46	0.68	14.35	0.08	14.20	14.3	2
E842073	0.36	<0.005	1.13	0.28	97.9	<0.2	<10	70	0.64	1.12	8.20	0.23	20.80	24.1	6
E842074	0.46	<0.005	2.15	0.34	159.0	<0.2	<10	90	0.84	0.52	5.74	0.41	26.00	42.4	6
E842075	0.42	<0.005	4.05	0.09	134	<0.2	10	20	0.27	8.78	13.45	0.10	12.15	54.4	2
E842076	0.38	<0.005	0.86	0.60	42.9	<0.2	<10	110	0.95	0.95	0.77	0.25	39.50	25.9	10
E842077	0.50	<0.005	0.51	0.21	58.8	<0.2	10	540	0.52	1.72	9.16	0.11	16.80	25.7	4
E842078	0.50	<0.005	0.40	0.27	19	<0.2	10	60	0.72	0.20	10.85	0.12	25.40	13.3	5
E842079	0.36	<0.005	0.68	0.34	23.1	<0.2	10	110	1.11	0.42	8.33	0.17	27.40	17.4	7
E842080	0.42	<0.005	0.77	0.22	29.2	<0.2	10	50	0.85	0.26	8.25	0.14	25.30	18.5	5
E842081	0.38	<0.005	0.75	0.16	36	<0.2	10	30	0.44	0.20	10.55	0.17	20.10	12.4	4
E842082	0.44	<0.005	0.79	0.27	37.1	<0.2	10	60	0.71	0.25	8.57	0.15	26.20	14.4	6
E842083	0.40	<0.005	0.95	0.15	47	<0.2	10	30	0.49	0.17	11.25	0.14	18.70	11.8	4
E842084	0.34	<0.005	0.30	0.52	18.2	<0.2	<10	120	0.82	0.25	0.70	0.59	35.80	8.6	10
E842085	0.46	<0.005	1.84	0.21	90.5	<0.2	<10	60	0.55	0.26	8.40	0.56	21.10	15.4	4
E842086	0.32	<0.005	1.77	0.51	84.3	<0.2	<10	60	0.89	0.35	1.34	0.61	34.00	19.9	10
E842087	0.40	<0.005	3.10	0.18	136.5	<0.2	<10	40	0.49	0.21	7.24	0.32	14.80	14.1	4
E842088	0.38	<0.005	3.04	0.19	138.5	<0.2	<10	40	0.47	0.19	7.43	0.31	14.70	14.0	4
E842089	0.44	0.006	2.89	0.28	88	<0.2	<10	60	0.45	0.38	11.20	0.86	15.15	15.0	5
E842090	0.34	<0.005	2.23	0.26	94.0	<0.2	<10	60	0.49	0.30	9.07	0.64	14.50	7.7	4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 19-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842051		0.77	115.5	6.29	1.34	0.08	0.09	0.17	0.317	0.10	15.4	4.9	1.01	5650	5.27	0.03
E842052		0.49	1940.0	5.60	1.21	0.08	0.06	0.20	0.349	0.07	13.5	6.4	3.90	2420	11.25	0.03
E842053		0.27	60.8	3.31	0.67	0.06	0.03	0.22	0.052	0.04	8.1	5.9	7.66	1250	0.62	0.03
E842054		0.26	88.4	7.65	1.24	0.08	0.05	0.55	0.069	0.05	13.0	6.2	3.07	1860	1.48	0.02
E842055		0.27	52.2	7.21	0.82	0.08	0.04	0.42	0.038	0.05	8.4	7.9	5.43	1250	0.82	0.03
E842056		0.31	54.4	5.19	0.75	0.07	0.04	1.30	0.073	0.07	8.9	8.8	6.37	1370	0.87	0.03
E842057		0.25	30.2	4.63	0.47	0.06	0.04	0.45	0.044	0.03	7.5	3.5	7.44	2120	0.39	0.03
E842058		0.21	87.1	8.17	0.40	0.08	0.03	1.47	0.065	0.02	8.6	3.3	5.25	1560	0.61	0.02
E842059		0.26	41.4	7.61	0.59	0.12	0.05	0.95	0.056	0.03	7.5	3.5	4.90	1340	1.17	0.02
E842060		0.17	72.1	5.64	0.55	0.05	0.03	1.91	0.051	0.02	7.5	3.6	7.53	1240	0.88	0.03
E842061		<0.05	0.8	0.02	<0.05	<0.05	0.02	0.01	<0.005	<0.01	0.6	0.1	0.01	<5	<0.05	0.01
E842062		0.18	42.6	5.51	0.46	0.06	0.03	1.13	0.043	0.02	7.1	2.6	6.49	1130	0.63	0.02
E842063		0.24	63.0	5.94	0.56	0.06	0.04	0.37	0.049	0.03	7.0	3.8	6.50	1590	0.54	0.03
E842064		0.69	48.5	7.30	2.43	0.25	0.07	0.67	0.116	0.08	6.6	19.6	7.76	1860	0.83	0.03
E842065		0.20	25.0	3.01	0.59	0.05	0.03	0.47	0.042	0.03	6.6	5.1	9.09	1200	0.46	0.03
E842066		0.21	24.3	2.71	0.54	0.06	0.03	1.40	0.053	0.03	6.7	5.3	9.22	861	0.45	0.03
E842067		0.46	42.2	5.41	1.59	0.07	0.05	0.43	0.080	0.06	10.8	7.6	4.48	1850	1.18	0.02
E842068		0.26	35.1	5.32	1.07	0.06	0.06	0.22	0.057	0.04	10.2	4.9	4.88	1900	0.63	0.02
E842069		0.34	107.0	7.82	1.78	0.08	0.05	2.63	0.097	0.03	18.2	5.4	0.56	2520	0.99	0.02
E842070		0.42	53.4	5.41	0.76	0.07	0.04	0.26	0.079	0.05	8.7	5.7	7.34	3160	0.59	0.03
E842071		0.15	28.9	4.68	0.60	0.05	0.05	0.22	0.070	0.03	9.5	3.9	6.15	2390	0.53	0.03
E842072		0.18	45.6	3.52	0.33	<0.05	0.03	0.20	0.047	0.02	6.9	4.3	8.92	1580	0.49	0.03
E842073		0.19	94.9	4.92	0.84	0.05	0.05	0.32	0.089	0.04	10.1	3.8	4.86	1830	0.64	0.03
E842074		0.42	137.0	8.34	1.22	0.09	0.06	0.64	0.083	0.08	12.0	11.1	3.30	2530	1.20	0.02
E842075		0.10	688.0	4.89	0.38	0.08	0.03	0.65	0.136	0.02	5.9	2.3	8.40	1040	1.40	0.03
E842076		0.31	66.4	4.61	1.78	0.07	0.05	0.19	0.118	0.05	18.9	6.1	0.39	1990	1.54	0.02
E842077		0.28	127.5	3.35	0.55	<0.05	0.05	0.17	0.114	0.04	8.2	3.3	5.52	2210	1.70	0.03
E842078		0.32	19.7	2.34	0.95	0.07	0.08	0.11	0.064	0.05	11.6	5.7	6.62	1850	0.69	0.03
E842079		0.44	44.8	3.35	1.11	0.06	0.06	0.12	0.091	0.06	13.4	8.3	5.00	1920	0.81	0.03
E842080		0.28	40.3	3.57	0.79	0.07	0.05	0.18	0.056	0.05	12.4	8.5	4.91	1610	0.69	0.03
E842081		0.21	27.9	3.81	0.72	0.09	0.04	0.20	0.036	0.04	9.7	8.4	6.49	1180	0.63	0.02
E842082		0.26	37.3	4.33	0.95	0.07	0.05	0.18	0.043	0.06	14.1	14.7	5.25	1660	0.55	0.02
E842083		0.20	29.2	4.01	0.59	0.06	0.03	0.20	0.027	0.04	9.5	8.2	6.90	1140	0.42	0.03
E842084		0.25	18.1	3.11	1.88	0.06	0.03	0.16	0.060	0.06	15.9	9.9	0.29	2580	0.78	0.02
E842085		0.21	38.9	6.91	0.74	0.09	0.04	0.53	0.045	0.04	9.8	5.9	5.15	1460	0.71	0.02
E842086		0.31	38.1	6.31	1.63	0.08	0.05	0.51	0.065	0.05	16.9	11.4	0.64	1370	0.83	0.02
E842087		0.16	45.8	7.76	0.49	0.07	0.07	0.67	0.048	0.02	7.1	3.1	4.31	1330	0.77	0.02
E842088		0.16	45.4	7.80	0.50	0.07	0.07	0.69	0.049	0.02	7.2	3.1	4.45	1350	0.76	0.02
E842089		0.20	42.4	4.99	0.73	0.06	0.06	0.67	0.050	0.02	7.8	5.1	7.01	1510	1.13	0.03
E842090		0.19	32.0	5.16	0.71	0.06	0.06	0.67	0.037	0.03	7.4	4.5	5.59	1260	0.78	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842051		0.14	28.2	870	15.2	9.9	0.001	0.09	1.94	8.1	1.7	0.2	5.9	0.01	0.08	4.0
E842052		0.16	114.0	550	43.5	7.8	<0.001	0.18	4.85	6.2	1.7	0.2	18.9	0.01	0.06	2.2
E842053		0.12	20.2	240	61.4	3.8	<0.001	0.09	6.14	3.2	0.9	<0.2	17.9	<0.01	0.02	1.7
E842054		0.22	40.8	330	192.5	4.2	<0.001	0.15	12.35	4.6	1.1	0.2	10.1	0.01	0.03	2.8
E842055		0.16	34.7	240	120.0	3.8	<0.001	0.22	8.80	3.8	0.7	<0.2	14.2	<0.01	0.01	2.3
E842056		0.13	26.8	310	125.0	4.6	0.001	0.23	7.75	3.7	0.8	<0.2	15.0	<0.01	0.02	2.6
E842057		0.08	24.5	210	78.5	2.5	<0.001	0.10	6.73	2.6	0.5	<0.2	22.9	<0.01	0.03	1.4
E842058		0.10	34.8	180	199.0	1.6	<0.001	0.36	23.50	3.1	0.7	<0.2	15.0	<0.01	0.03	2.1
E842059		0.12	44.5	190	134.5	2.4	0.001	0.43	13.75	3.6	0.8	<0.2	15.5	0.01	0.03	1.8
E842060		0.15	24.4	170	198.0	1.5	<0.001	0.33	14.05	1.9	0.7	<0.2	23.0	<0.01	0.02	1.5
E842061		<0.05	0.4	10	1.3	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E842062		0.10	40.0	200	103.5	1.7	<0.001	0.20	12.40	2.5	1.0	<0.2	18.9	<0.01	0.02	1.3
E842063		0.10	35.2	240	76.4	2.5	<0.001	0.15	14.05	3.0	0.7	<0.2	22.1	<0.01	0.02	1.7
E842064		0.12	40.8	190	67.4	7.9	<0.001	0.59	9.84	2.9	0.6	<0.2	27.7	<0.01	0.03	2.5
E842065		0.11	14.7	170	50.5	2.7	<0.001	0.11	6.05	1.7	0.6	<0.2	26.2	<0.01	0.02	1.1
E842066		0.15	14.7	160	324.0	2.4	<0.001	0.13	8.39	1.6	0.6	<0.2	27.3	<0.01	0.02	1.0
E842067		0.20	29.0	510	276.0	5.3	<0.001	0.10	9.95	2.9	0.9	0.2	15.5	<0.01	0.04	1.1
E842068		0.16	25.0	500	65.1	3.5	<0.001	0.11	5.57	2.7	0.9	<0.2	15.8	<0.01	0.03	1.0
E842069		0.23	38.7	440	178.5	3.8	<0.001	0.12	24.10	3.9	1.2	0.2	5.8	0.01	0.04	1.7
E842070		0.10	35.5	350	58.0	4.6	<0.001	0.19	8.04	2.7	0.8	<0.2	26.8	<0.01	0.04	1.3
E842071		0.10	21.2	270	71.9	2.3	<0.001	0.10	6.23	2.7	0.8	<0.2	19.2	<0.01	0.02	1.4
E842072		0.06	20.4	170	48.8	1.7	<0.001	0.25	5.02	2.6	0.5	<0.2	24.9	<0.01	0.02	1.8
E842073		0.14	34.2	400	93.7	2.8	<0.001	0.10	8.00	4.3	1.0	<0.2	13.9	<0.01	0.03	1.9
E842074		0.17	71.2	390	146.5	6.8	<0.001	0.28	14.30	5.5	1.3	0.2	11.6	0.01	0.03	2.7
E842075		0.10	32.8	160	151.5	1.3	0.001	0.11	9.68	2.2	1.0	<0.2	26.5	<0.01	0.02	1.0
E842076		0.17	31.3	650	41.6	5.6	<0.001	0.07	4.95	4.2	1.4	0.2	5.7	0.01	0.04	1.2
E842077		0.08	18.8	500	25.2	3.1	<0.001	0.09	2.71	3.5	0.8	<0.2	15.8	<0.01	0.03	1.6
E842078		0.12	18.8	400	21.7	4.2	<0.001	0.06	2.84	4.6	1.1	<0.2	17.2	0.01	0.02	1.6
E842079		0.13	22.2	490	41.6	5.2	<0.001	0.06	3.73	4.8	1.1	0.2	12.4	<0.01	0.03	1.6
E842080		0.10	28.0	410	54.5	4.1	<0.001	0.10	4.90	4.8	1.0	<0.2	12.3	<0.01	0.02	1.9
E842081		0.14	21.5	250	67.4	3.7	<0.001	0.23	4.51	3.6	0.7	<0.2	17.3	<0.01	0.02	2.1
E842082		0.14	26.3	320	65.5	5.1	<0.001	0.11	4.13	4.6	0.8	<0.2	14.3	<0.01	0.03	2.7
E842083		0.11	23.9	250	82.1	3.1	<0.001	0.18	4.67	3.6	0.7	<0.2	17.1	<0.01	0.01	2.3
E842084		0.15	14.5	520	56.6	5.7	<0.001	0.09	2.20	2.9	1.0	0.2	5.9	<0.01	0.05	0.7
E842085		0.14	37.2	270	163.0	2.9	<0.001	0.13	10.55	3.6	0.8	<0.2	15.2	<0.01	0.02	2.1
E842086		0.18	38.7	540	156.5	4.9	<0.001	0.10	7.97	4.3	1.3	0.2	5.9	0.01	0.06	1.1
E842087		0.12	41.3	260	129.5	1.8	<0.001	0.11	12.00	3.0	0.6	<0.2	12.9	<0.01	0.03	1.4
E842088		0.11	41.6	250	128.0	1.8	<0.001	0.11	11.75	3.0	0.7	<0.2	13.1	<0.01	0.02	1.5
E842089		0.21	30.6	240	260.0	1.8	<0.001	0.08	9.70	2.2	0.5	<0.2	22.7	<0.01	0.02	1.6
E842090		0.16	27.5	280	90.9	2.5	<0.001	0.07	8.48	2.6	0.7	<0.2	17.2	<0.01	0.01	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 19-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842051		0.008	0.21	3.36	15	0.40	29.30	57	2.4
E842052		0.007	0.11	7.16	15	0.22	25.10	56	1.6
E842053		0.005	0.11	0.88	7	0.05	13.20	56	1.1
E842054		0.009	0.14	1.33	14	0.17	18.75	144	2.2
E842055		0.006	0.11	0.98	10	0.07	12.80	113	1.7
E842056		0.005	0.18	1.03	8	0.06	13.75	569	1.5
E842057		<0.005	0.38	0.34	5	<0.05	11.90	97	1.0
E842058		<0.005	0.74	0.35	7	<0.05	12.60	501	1.1
E842059		<0.005	0.97	0.29	7	0.05	13.25	247	1.3
E842060		0.006	0.58	0.49	8	0.08	10.25	1890	1.2
E842061		<0.005	<0.02	0.09	<1	<0.05	0.64	5	0.6
E842062		<0.005	0.64	0.31	6	<0.05	11.25	1130	0.8
E842063		<0.005	0.55	0.30	5	0.07	11.60	63	1.2
E842064		<0.005	0.68	0.63	8	<0.05	13.05	71	3.8
E842065		<0.005	0.60	0.35	5	<0.05	10.05	176	0.9
E842066		0.005	0.43	0.30	5	<0.05	11.10	1070	0.7
E842067		0.012	0.38	0.63	16	0.10	14.90	2490	1.2
E842068		0.008	0.54	0.31	10	0.06	15.70	82	1.5
E842069		0.013	0.47	0.70	22	0.13	23.70	1520	1.3
E842070		<0.005	0.59	0.62	5	<0.05	15.20	57	1.1
E842071		<0.005	0.29	0.30	7	<0.05	15.95	64	1.2
E842072		<0.005	0.16	0.55	4	0.05	12.20	35	1.6
E842073		0.006	0.37	1.03	11	0.16	16.40	115	1.4
E842074		0.007	0.42	1.63	13	0.07	18.30	243	2.0
E842075		<0.005	0.10	1.10	7	<0.05	11.50	44	0.8
E842076		0.009	0.19	1.57	22	0.09	25.70	60	1.0
E842077		0.005	0.17	1.02	9	0.16	14.30	50	1.5
E842078		<0.005	0.14	0.53	9	0.05	18.75	31	1.7
E842079		0.006	0.13	0.72	12	0.06	21.60	54	1.6
E842080		<0.005	0.09	0.67	10	0.05	20.20	57	1.4
E842081		<0.005	0.07	0.64	8	0.05	12.70	72	1.5
E842082		0.006	0.07	0.81	10	0.09	18.00	56	1.3
E842083		<0.005	0.06	0.87	7	<0.05	12.70	62	1.1
E842084		0.009	0.14	0.50	18	0.06	18.00	222	0.6
E842085		0.005	0.42	0.42	9	0.06	14.50	317	1.2
E842086		0.010	0.41	0.54	19	0.07	23.90	443	1.0
E842087		<0.005	0.37	0.33	8	0.05	12.00	203	1.3
E842088		<0.005	0.35	0.35	8	0.05	11.85	202	1.3
E842089		0.009	0.54	0.39	9	0.07	10.70	594	1.2
E842090		0.007	0.33	0.33	8	0.06	10.50	397	1.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07096031

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842091	0.32	<0.005	1.20	1.00	56.1	<0.2	10	120	0.93	1.77	3.64	0.50	30.80	9.8	10
E842092	0.04	<0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.02	0.01	1.10	0.1	<1
E842093	0.34	<0.005	2.64	0.08	159	<0.2	10	20	0.29	1.43	13.95	0.30	10.10	7.0	1
E842094	0.34	0.005	2.11	0.61	92.3	<0.2	<10	110	0.61	1.29	5.46	0.49	20.30	11.4	11
E842101	0.56	<0.005	0.15	1.40	11.9	<0.2	<10	740	5.95	1.13	0.46	0.30	56.40	26.0	14
E842102	0.54	<0.005	0.07	1.89	7.1	<0.2	<10	170	1.57	0.97	0.04	0.15	25.60	21.8	21
E842103	0.58	0.014	0.57	0.62	28.1	<0.2	<10	1920	1.17	2.53	1.75	0.30	24.50	21.7	9
E842104	0.50	<0.005	1.59	0.48	186.0	<0.2	<10	440	1.64	9.89	0.17	0.40	28.20	53.0	8
E842105	0.60	<0.005	0.74	0.22	190.0	<0.2	<10	300	1.26	5.15	3.62	0.35	43.30	85.6	4
E842106	0.38	<0.005	1.49	0.86	416.0	<0.2	<10	700	2.13	4.23	0.69	0.43	15.60	223.0	13
E842107	0.56	NSS	5.84	1.40	208.0	<0.2	<10	840	1.80	3.55	0.17	0.18	19.65	135.5	14
E842108	0.48	<0.005	0.12	0.60	7.3	<0.2	<10	300	0.67	0.39	0.05	0.22	23.10	31.0	12
E842109	0.50	0.011	0.06	0.71	5.4	<0.2	<10	490	1.81	0.38	0.18	0.31	37.20	14.2	20
E842110	0.60	0.015	0.08	0.58	6.3	<0.2	<10	1290	1.37	0.49	0.22	0.52	40.50	14.6	22
E842111	0.58	<0.005	0.07	0.72	6.5	<0.2	<10	310	1.23	0.42	0.08	0.26	22.50	16.3	27
E842112	0.50	<0.005	0.03	0.39	5.3	<0.2	<10	160	0.56	0.19	0.03	0.04	17.00	9.7	22
E842113	0.44	<0.005	0.04	0.37	6.5	<0.2	<10	120	0.38	0.17	0.03	0.26	11.00	11.6	18
E842114	0.56	<0.005	0.04	0.56	9.6	<0.2	<10	50	0.65	0.23	0.03	0.07	14.50	8.8	16
E842115	0.60	0.006	0.03	0.46	6.1	<0.2	<10	200	0.91	0.23	0.04	0.06	29.70	4.4	12
E842116	0.44	<0.005	0.15	0.69	12.0	<0.2	<10	650	1.41	1.20	0.77	0.19	20.30	21.1	11
E842117	0.40	0.022	0.06	0.59	8.5	<0.2	<10	930	1.18	0.25	1.06	0.17	24.10	21.2	10
E842118	0.44	0.009	0.13	0.50	8.7	<0.2	<10	1280	1.16	2.86	0.91	0.19	27.20	22.0	10
E842119	0.46	0.006	0.14	1.46	17.7	<0.2	<10	350	0.71	0.85	0.23	0.11	28.30	13.0	21
E842120	0.48	0.015	0.19	0.99	7.3	<0.2	<10	810	1.38	0.32	0.87	0.38	29.30	13.6	19
E842121	0.50	0.118	1.24	0.71	6.5	<0.2	<10	650	1.05	1.24	0.88	0.14	24.50	8.8	10
E842122	0.36	0.023	0.24	0.70	6.4	<0.2	<10	580	0.97	0.68	1.48	0.17	19.25	9.0	10
E842123	0.44	0.010	0.35	0.96	15.0	<0.2	<10	620	1.24	0.56	0.54	0.17	24.80	10.3	18
E842124	0.58	<0.005	0.13	1.56	10.5	<0.2	<10	510	1.63	0.35	0.44	0.26	144.50	20.3	26
E843002	0.56	<0.005	5.65	0.10	246	<0.2	<10	110	0.40	2.00	11.65	0.26	13.85	32.5	<1
E843003	0.48	<0.005	1.31	0.09	60	<0.2	10	40	0.54	0.59	15.60	0.08	14.15	13.5	2
E843004	0.50	<0.005	4.03	0.55	120.0	<0.2	<10	170	1.57	1.99	3.29	0.56	36.70	75.7	7
E843005	0.50	<0.005	3.22	0.19	89	<0.2	10	40	0.50	0.29	10.35	0.20	17.05	22.6	2
E843006	0.48	NSS	6.99	0.33	265.0	<0.2	<10	150	0.92	0.41	7.03	0.37	23.80	40.3	3
E843007	0.46	<0.005	2.69	0.32	134.5	<0.2	10	60	0.84	0.54	7.90	0.16	22.30	28.5	5
E843008	0.40	<0.005	1.60	0.80	53.4	<0.2	<10	330	1.54	0.98	1.51	0.52	47.10	52.6	13
E843009	0.46	0.006	1.93	0.56	67.4	<0.2	10	150	1.31	0.43	5.96	0.58	47.80	28.0	7
E843010	0.42	0.015	7.88	0.17	135	<0.2	10	50	0.51	4.13	10.70	0.84	13.05	24.1	1
E843011	0.62	<0.005	1.21	0.07	93	<0.2	10	40	0.54	0.75	13.45	0.17	11.65	11.6	2
E843012	0.32	<0.005	1.65	0.44	77.5	<0.2	10	70	0.87	1.02	3.15	0.28	25.00	12.5	7
E843013	0.48	<0.005	2.41	0.42	170.0	<0.2	<10	100	0.52	1.98	9.15	0.30	20.30	26.0	6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842091	0.80	24.7	5.28	2.97	0.14	0.08	0.26	0.155	0.06	15.2	18.1	2.65	3360	1.08	0.02
E842092	<0.05	0.6	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	0.01	9	<0.05	<0.01
E842093	0.15	27.4	5.39	0.27	0.06	0.04	0.69	0.039	0.02	5.3	4.2	8.79	979	0.87	0.03
E842094	0.62	42.6	5.68	1.91	0.09	0.08	0.51	0.049	0.06	10.6	10.0	3.43	1110	1.60	0.02
E842101	8.94	375.0	5.43	3.72	0.11	0.18	0.08	0.246	0.08	20.7	15.0	0.33	7670	1.52	0.02
E842102	3.60	29.7	4.22	5.75	0.05	0.04	0.09	0.101	0.06	9.0	16.0	0.25	2740	1.00	0.01
E842103	1.67	477.0	5.53	2.09	0.07	0.10	0.23	0.260	0.06	10.9	4.2	0.83	7810	1.43	0.05
E842104	4.33	313.0	4.28	1.68	0.12	0.06	0.11	0.340	0.09	13.1	3.5	0.10	3480	2.43	0.01
E842105	1.94	276.0	3.80	0.76	0.07	0.07	0.10	0.083	0.04	19.8	1.7	1.62	3750	1.54	0.02
E842106	3.45	1880.0	7.68	2.59	0.09	0.14	0.14	0.399	0.06	6.7	11.2	0.36	6510	2.32	0.02
E842107	3.19	888.0	7.88	3.63	0.11	0.13	0.07	0.251	0.04	10.1	34.6	0.54	3420	3.38	0.02
E842108	3.79	31.9	3.64	3.64	<0.05	0.02	0.06	0.063	0.05	9.3	5.8	0.10	3320	1.27	0.01
E842109	3.87	11.3	3.82	2.33	0.06	0.06	0.09	0.071	0.04	20.3	9.8	0.18	1740	0.85	0.02
E842110	3.18	44.4	4.54	2.05	0.13	0.07	0.11	0.131	0.07	21.6	5.9	0.19	2960	1.37	0.03
E842111	3.96	13.9	4.41	3.27	0.05	0.03	0.09	0.107	0.06	9.6	3.7	0.10	1460	1.04	0.01
E842112	5.06	5.6	3.84	2.28	<0.05	0.03	0.10	0.047	0.05	7.4	4.7	0.07	671	0.63	0.01
E842113	3.13	6.3	2.99	2.45	0.06	<0.02	0.06	0.025	0.04	5.0	4.2	0.08	1010	0.69	0.01
E842114	3.46	8.9	3.13	3.30	<0.05	0.02	0.09	0.027	0.04	6.6	5.4	0.11	364	1.05	0.01
E842115	3.74	8.1	2.82	2.11	0.05	0.03	0.09	0.038	0.04	14.4	3.8	0.08	785	0.71	0.01
E842116	2.43	104.0	3.91	2.23	0.05	0.13	0.13	0.168	0.06	10.1	4.0	0.21	5240	1.35	0.02
E842117	1.55	29.0	4.31	1.85	0.07	0.11	0.58	0.128	0.05	11.7	2.8	0.21	7190	0.66	0.03
E842118	1.88	952.0	4.14	1.58	0.07	0.12	0.14	0.156	0.06	15.1	2.8	0.23	5200	2.68	0.04
E842119	2.24	37.5	4.84	5.85	0.05	0.03	0.07	0.148	0.06	11.3	31.1	0.42	940	1.45	0.02
E842120	2.02	37.2	3.41	2.51	0.07	0.14	0.14	0.103	0.10	17.6	9.5	0.36	2520	0.90	0.03
E842121	3.17	41.1	2.68	2.02	0.06	0.10	1.11	0.091	0.07	13.6	6.8	0.35	1630	0.67	0.02
E842122	1.81	58.7	2.64	1.83	0.05	0.12	0.38	0.087	0.06	10.4	4.4	0.34	2450	0.98	0.03
E842123	3.51	41.6	4.28	2.71	0.07	0.13	0.23	0.134	0.06	14.9	7.5	0.35	2360	1.06	0.02
E842124	3.65	20.7	4.13	7.11	0.18	0.14	0.10	0.058	0.08	97.2	31.9	0.95	3350	1.33	0.02
E843002	0.33	65.0	16.95	0.47	0.27	0.04	0.98	0.064	0.03	7.9	3.9	7.20	1880	1.30	0.03
E843003	0.25	26.0	3.46	0.30	0.05	0.06	0.43	0.040	0.03	7.5	4.8	9.84	1490	0.88	0.03
E843004	1.45	126.0	7.45	1.97	0.12	0.10	2.81	0.076	0.13	16.7	11.7	2.13	5590	2.79	0.02
E843005	0.51	23.6	5.54	0.62	0.09	0.07	0.31	0.036	0.07	7.7	8.1	6.48	1770	0.58	0.02
E843006	1.37	52.8	9.06	0.96	0.10	0.09	0.84	0.057	0.12	10.3	4.5	4.19	5100	0.90	<0.01
E843007	0.50	73.4	6.64	1.11	0.08	0.04	0.57	0.036	0.09	11.0	6.7	4.81	4280	0.58	<0.01
E843008	1.31	78.0	4.93	2.91	0.09	0.08	0.47	0.067	0.16	21.7	12.5	1.02	10200	1.21	<0.01
E843009	1.34	43.7	4.85	2.24	0.10	0.06	3.84	0.070	0.17	20.4	11.9	3.78	8520	1.16	<0.01
E843010	0.31	44.1	21.40	0.62	0.18	0.04	3.64	0.066	0.04	6.7	5.5	6.66	1230	3.60	<0.01
E843011	0.16	17.4	6.41	0.25	0.07	0.04	0.98	0.048	0.02	5.5	2.4	8.25	1320	1.04	<0.01
E843012	0.46	28.0	7.14	1.15	0.08	0.06	0.54	0.071	0.04	12.2	5.0	1.74	1860	1.27	<0.01
E843013	0.57	81.8	8.45	1.21	0.09	0.05	0.89	0.084	0.04	8.9	5.0	5.59	2590	1.77	<0.01

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 19-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842091		0.18	23.1	1080	65.5	8.2	<0.001	0.12	3.94	2.8	1.0	0.2	12.6	0.01	0.05	0.7
E842092		<0.05	0.4	10	0.7	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.3
E842093		0.08	30.7	100	91.2	1.4	<0.001	0.13	10.35	1.6	0.5	<0.2	25.8	<0.01	0.02	1.0
E842094		0.39	35.2	530	94.6	5.9	<0.001	0.17	7.66	3.1	0.7	0.2	17.8	<0.01	0.03	1.8
E842101		0.24	18.6	1980	24.8	15.6	<0.001	0.11	1.15	7.2	1.9	0.5	9.8	0.01	0.14	2.5
E842102		0.23	15.8	1500	16.5	13.8	<0.001	0.09	0.96	0.5	0.9	0.7	3.4	<0.01	0.11	0.2
E842103		0.23	15.4	1320	21.6	9.6	<0.001	0.07	2.29	4.9	0.8	0.4	12.9	0.01	0.08	1.7
E842104		0.19	37.5	970	39.3	8.1	<0.001	0.12	3.40	5.6	1.0	0.4	13.2	<0.01	0.07	3.1
E842105		0.09	47.1	640	98.6	3.6	<0.001	0.04	3.67	4.8	0.6	0.2	17.8	<0.01	0.13	4.8
E842106		0.22	110.5	1390	66.4	9.5	<0.001	0.07	14.50	10.4	1.5	0.2	13.2	0.01	0.11	2.3
E842107		0.17	79.8	680	16.1	6.4	<0.001	0.03	29.20	12.6	0.9	0.2	8.1	<0.01	0.12	3.7
E842108		0.31	18.1	860	12.6	11.1	<0.001	0.07	1.01	2.5	0.5	0.4	6.4	<0.01	0.06	0.5
E842109		0.32	18.4	710	9.5	9.9	<0.001	0.04	1.00	5.0	0.5	0.4	9.9	<0.01	0.07	1.8
E842110		0.46	21.1	740	8.4	7.0	<0.001	0.03	1.40	7.7	0.2	0.5	18.4	<0.01	0.09	5.7
E842111		0.09	14.4	1710	13.5	11.6	<0.001	0.08	1.52	0.7	0.4	0.6	5.8	<0.01	0.07	<0.2
E842112		0.14	16.6	820	6.6	8.0	<0.001	0.04	1.10	1.1	0.2	0.5	7.8	<0.01	0.09	0.2
E842113		0.14	18.7	560	8.1	6.8	<0.001	0.05	1.16	0.7	<0.2	0.4	4.2	<0.01	0.08	<0.2
E842114		0.13	28.1	580	7.1	7.9	<0.001	0.04	1.24	0.4	0.3	0.5	5.0	<0.01	0.13	<0.2
E842115		0.14	8.5	710	5.7	7.7	<0.001	0.04	1.11	0.9	0.3	0.4	4.7	<0.01	0.16	0.4
E842116		0.23	13.3	1920	9.3	7.2	<0.001	0.09	1.58	4.4	0.9	0.3	11.2	0.01	0.11	2.2
E842117		0.20	17.9	2700	7.5	6.6	<0.001	0.11	0.93	3.2	0.9	0.3	18.9	0.01	0.10	1.3
E842118		0.27	14.1	1500	6.9	7.2	0.001	0.08	1.90	5.9	1.2	0.3	11.4	0.01	0.07	1.7
E842119		0.78	23.8	520	13.9	14.0	<0.001	0.04	1.61	3.3	0.7	0.6	9.0	<0.01	0.07	1.6
E842120		0.33	23.1	1740	9.3	10.1	<0.001	0.10	0.78	5.5	1.4	0.4	13.5	0.01	0.08	3.6
E842121		0.21	14.6	1250	6.4	10.1	<0.001	0.09	0.91	4.3	1.1	0.3	11.4	<0.01	1.45	3.7
E842122		0.21	13.1	1680	8.3	8.4	<0.001	0.14	0.90	2.4	1.4	0.2	14.1	0.01	0.26	2.5
E842123		0.39	18.8	1140	13.1	10.0	<0.001	0.07	1.68	5.7	1.0	0.3	13.9	0.01	0.07	4.4
E842124		0.32	35.2	930	12.8	14.3	<0.001	0.06	0.80	9.5	1.5	0.6	11.9	0.01	0.05	7.6
E843002		0.11	91.3	110	164.5	2.3	<0.001	1.86	30.60	1.9	0.4	<0.2	22.5	<0.01	0.02	0.9
E843003		0.07	27.3	160	48.3	1.9	<0.001	0.04	8.33	2.1	0.5	<0.2	27.3	<0.01	0.02	1.5
E843004		0.18	83.5	840	121.5	10.1	<0.001	0.19	24.30	6.5	0.9	0.3	9.9	0.01	0.44	4.2
E843005		0.09	42.3	220	96.8	5.5	<0.001	0.17	13.20	3.4	0.5	<0.2	17.3	<0.01	0.03	2.0
E843006		0.07	102.5	400	192.5	6.6	<0.001	0.23	27.40	4.8	0.7	0.2	13.3	<0.01	0.04	4.3
E843007		0.11	64.3	330	113.0	6.6	<0.001	0.31	10.50	4.4	0.7	<0.2	13.6	<0.01	0.04	2.3
E843008		0.23	59.2	740	90.8	16.0	<0.001	0.08	7.73	7.1	1.2	0.3	11.3	0.01	0.19	2.9
E843009		0.15	59.7	700	74.6	13.0	<0.001	0.13	9.49	7.6	0.9	0.3	16.1	0.01	0.09	4.6
E843010		0.13	64.5	100	876.0	3.7	<0.001	0.50	18.55	2.1	0.6	<0.2	19.6	<0.01	<0.01	1.1
E843011		0.06	36.9	130	62.0	1.5	<0.001	0.47	11.05	2.5	0.5	<0.2	20.3	<0.01	0.01	1.7
E843012		0.14	34.8	720	71.0	5.5	<0.001	0.13	7.84	3.5	0.9	<0.2	7.0	<0.01	0.02	1.0
E843013		0.23	74.6	380	87.4	4.1	<0.001	0.16	13.50	3.9	0.9	<0.2	17.1	0.01	0.01	1.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842091		0.011	0.74	0.50	20	0.09	26.30	164	1.1
E842092		<0.005	<0.02	0.09	<1	<0.05	0.62	3	<0.5
E842093		<0.005	0.45	0.41	3	<0.05	9.64	290	0.9
E842094		0.018	0.39	0.73	18	0.12	12.05	285	1.7
E842101		0.013	0.32	1.75	22	0.21	51.70	55	2.5
E842102		0.006	0.15	1.13	27	0.23	6.10	42	<0.5
E842103		0.010	0.66	1.24	17	0.23	15.45	66	1.8
E842104		0.008	2.58	1.19	12	0.16	17.10	39	1.1
E842105		<0.005	0.60	0.91	6	0.05	12.30	233	2.5
E842106		0.010	0.32	2.19	20	0.11	27.40	120	3.0
E842107		0.009	0.25	1.20	19	0.08	14.10	116	3.8
E842108		0.015	0.17	0.91	27	0.12	3.29	61	<0.5
E842109		0.017	0.08	1.85	26	0.31	10.30	61	0.8
E842110		0.022	0.11	1.76	30	0.50	12.80	44	1.6
E842111		0.005	0.12	1.81	32	0.25	3.96	39	<0.5
E842112		0.009	0.07	1.30	32	0.19	1.97	20	<0.5
E842113		0.012	0.09	1.00	29	0.16	1.81	25	<0.5
E842114		0.011	0.07	1.23	29	0.20	2.36	30	<0.5
E842115		0.012	0.07	0.90	21	0.26	3.82	21	<0.5
E842116		0.013	0.16	2.07	19	0.22	25.00	53	2.6
E842117		0.009	0.06	1.08	16	0.28	19.70	43	1.8
E842118		0.011	0.07	3.70	15	0.64	25.50	48	2.4
E842119		0.019	0.17	1.03	57	0.28	4.16	52	<0.5
E842120		0.016	0.08	1.32	24	0.26	38.30	46	2.2
E842121		0.009	0.12	0.87	16	0.28	21.20	35	1.8
E842122		0.008	0.13	0.97	14	0.17	23.70	38	2.1
E842123		0.017	0.25	1.24	30	0.26	26.50	46	2.5
E842124		0.027	0.11	3.37	39	0.26	41.50	80	2.0
E843002		<0.005	1.31	0.38	3	<0.05	14.60	49	1.4
E843003		<0.005	0.76	0.68	3	<0.05	11.25	63	1.8
E843004		0.009	0.55	1.46	13	0.09	21.40	410	2.8
E843005		<0.005	0.33	0.89	4	<0.05	11.60	78	2.4
E843006		<0.005	0.56	0.64	7	<0.05	15.35	270	5.1
E843007		0.005	0.46	0.76	8	<0.05	14.05	73	1.4
E843008		0.017	0.73	1.16	23	0.10	25.80	262	2.0
E843009		0.007	2.07	0.66	11	0.07	25.40	551	2.0
E843010		<0.005	0.49	0.35	6	<0.05	12.65	342	1.6
E843011		<0.005	1.31	0.37	4	<0.05	9.42	114	2.3
E843012		0.006	1.16	0.46	13	0.07	19.00	117	1.3
E843013		0.011	1.76	0.72	13	0.08	15.85	106	1.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E843014	0.50	<0.005	2.18	0.69	87.8	<0.2	<10	540	0.70	3.01	8.01	0.37	22.10	16.4	10
E843015	0.42	<0.005	1.70	0.27	63	<0.2	10	50	0.56	0.73	10.60	0.42	18.20	9.3	5
E843016	0.40	<0.005	3.30	0.36	79.1	<0.2	<10	60	0.62	0.85	8.47	0.77	19.30	11.1	6
E843017	0.54	0.009	0.64	0.11	51	<0.2	10	20	0.40	0.74	14.25	0.43	11.60	4.3	3
E843018	0.50	<0.005	0.60	0.14	40	<0.2	10	30	0.38	2.17	16.45	0.14	11.15	5.6	3
E843019	0.54	<0.005	1.53	0.14	92	<0.2	10	30	0.37	4.02	16.25	0.12	11.15	8.3	2
E843020	0.44	<0.005	0.83	1.14	22.2	<0.2	<10	150	6.36	1.76	0.64	0.32	47.40	35.5	12
E843021	0.56	<0.005	0.74	0.39	24.7	<0.2	<10	70	2.69	2.46	0.12	0.14	51.50	33.3	5
E843022	0.56	<0.005	0.88	0.76	25.0	<0.2	<10	150	3.80	3.14	0.33	0.24	44.50	34.4	7
E843023	0.52	<0.005	0.50	0.55	29.0	<0.2	<10	90	3.87	2.66	0.10	0.19	34.30	35.5	7
E843024	0.62	<0.005	0.37	0.26	17.6	<0.2	<10	50	2.04	2.32	0.07	0.07	35.50	22.2	3
E843025	0.44	<0.005	0.47	0.97	30.5	<0.2	<10	160	4.03	2.45	0.29	0.24	30.00	33.7	13
E843026	0.50	<0.005	0.31	1.05	32.0	<0.2	<10	330	3.91	1.29	0.18	0.26	35.80	39.1	13
E843027	0.54	<0.005	0.37	0.71	41.3	<0.2	<10	180	3.94	2.06	0.08	0.13	50.00	37.1	9
E843029	0.48	<0.005	0.45	1.13	37.2	<0.2	<10	100	2.64	3.97	0.04	0.20	43.50	36.3	15
E843030	0.48	<0.005	1.05	0.92	23.2	<0.2	<10	270	1.39	3.51	0.15	0.07	42.50	12.0	12
E843031	0.38	0.042	0.25	0.65	9.0	<0.2	<10	2730	2.63	0.40	1.04	0.15	46.80	13.9	12
E843032	0.46	0.006	0.20	1.23	11.5	<0.2	<10	1640	1.03	3.11	0.48	0.31	42.10	13.8	21
E843033	0.40	<0.005	0.04	1.26	12.3	<0.2	<10	2350	0.99	0.45	0.35	0.20	40.40	13.3	20
E843034	0.44	0.017	0.35	0.92	12.4	<0.2	<10	1820	1.72	1.83	0.90	0.16	44.00	17.2	18
E843035	0.38	0.009	0.16	1.42	10.4	<0.2	<10	1960	1.93	0.84	1.13	0.29	32.70	18.1	20
E843036	0.36	<0.005	0.07	1.08	9.1	<0.2	<10	840	1.10	0.30	0.72	0.28	33.50	12.1	17
E843037	0.46	0.007	0.10	0.79	10.0	<0.2	<10	1390	0.93	0.39	0.50	0.21	39.40	12.7	18
E843038	0.58	0.006	0.17	1.07	14.4	<0.2	<10	2940	1.11	0.96	0.71	0.21	46.30	13.5	17
E843039	0.36	0.006	0.12	0.70	10.6	<0.2	<10	2700	1.24	0.39	0.89	0.19	45.50	13.8	13
E843040	0.34	<0.005	0.10	1.16	18.3	<0.2	<10	2960	0.91	0.27	0.80	0.36	40.20	18.0	20
E843041	0.52	0.005	0.09	0.36	7.9	<0.2	<10	1220	1.15	0.39	1.93	0.09	44.30	10.1	14
E843042	0.46	0.028	0.08	0.63	6.3	<0.2	<10	330	1.74	0.13	2.13	0.14	20.80	9.3	15
E843043	0.42	<0.005	0.12	0.78	7.2	<0.2	<10	590	0.99	0.22	1.36	0.24	29.30	14.2	12
E843044	0.48	0.039	0.32	3.64	11.8	<0.2	<10	1560	3.88	3.06	0.34	0.11	36.30	60.4	18
E843045	0.46	0.020	0.21	0.46	33.7	<0.2	<10	530	1.17	2.87	1.44	0.30	23.60	10.3	5
E843046	0.38	0.021	0.08	0.78	9.6	<0.2	<10	470	1.11	0.31	0.85	0.32	31.60	11.9	12
E843047	0.52	<0.005	0.15	1.03	16.0	<0.2	<10	1110	1.28	0.73	0.79	0.24	32.90	21.2	19
E843048	0.60	<0.005	0.07	0.77	7.0	<0.2	<10	800	2.12	0.84	0.28	0.04	23.10	38.1	12
E843049	0.50	<0.005	0.14	0.88	6.1	<0.2	<10	730	0.62	1.38	0.63	0.23	37.80	16.9	16
E843050	0.48	<0.005	0.26	0.31	25.8	<0.2	<10	390	1.65	1.60	0.13	0.10	22.40	22.3	5
E843507	0.48	<0.005	0.82	0.78	56.1	<0.2	<10	260	7.49	2.49	0.32	0.33	19.05	36.9	10
E843508	0.38	<0.005	0.41	0.46	57.4	<0.2	<10	200	2.76	3.71	0.69	0.30	10.80	26.5	7
E843509	0.52	<0.005	0.04	0.62	6.0	<0.2	<10	830	1.68	0.19	0.10	0.21	21.40	8.6	11
E843510	0.52	<0.005	0.20	0.53	14.7	<0.2	<10	570	1.53	0.37	0.26	0.21	21.70	11.9	10

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	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E843014		0.76	73.8	6.23	1.85	0.07	0.06	0.82	0.064	0.06	10.8	7.9	5.04	1620	2.30	<0.01
E843015		0.27	30.9	3.84	0.84	0.05	0.04	0.81	0.058	0.04	8.7	5.3	6.53	1370	0.86	<0.01
E843016		0.30	37.2	5.26	1.04	0.06	0.04	2.00	0.089	0.03	9.1	4.8	5.24	1430	0.96	<0.01
E843017		0.13	14.1	2.69	0.33	<0.05	0.02	0.34	0.030	0.02	6.0	3.1	8.93	963	0.46	<0.01
E843018		0.20	20.8	2.27	0.50	<0.05	0.02	0.20	0.034	0.02	6.0	5.5	10.40	1090	0.43	<0.01
E843019		0.24	42.6	3.95	0.58	0.06	0.03	0.43	0.059	0.03	5.7	4.8	9.98	1500	0.41	<0.01
E843020		14.70	162.0	7.17	3.24	0.10	0.16	0.08	0.279	0.12	21.2	8.1	0.45	5180	1.98	<0.01
E843021		4.82	322.0	5.09	1.30	0.08	0.10	0.07	0.170	0.09	22.7	2.8	0.14	3000	1.79	<0.01
E843022		12.05	250.0	7.81	2.29	0.09	0.10	0.09	0.550	0.14	18.6	6.8	0.34	7620	2.72	<0.01
E843023		10.35	131.0	5.55	1.73	0.07	0.07	0.07	0.266	0.09	14.1	4.4	0.16	3700	2.15	<0.01
E843024		3.69	125.0	2.49	0.88	0.05	0.09	0.06	0.108	0.07	13.9	1.9	0.07	1820	1.36	<0.01
E843025		12.75	120.0	5.75	3.19	0.07	0.06	0.12	0.253	0.10	12.7	7.2	0.21	3700	2.03	<0.01
E843026		13.45	89.0	4.76	3.46	0.06	0.04	0.06	0.192	0.11	13.7	9.7	0.21	3060	1.96	<0.01
E843027		9.90	120.5	4.14	2.64	0.13	0.05	0.05	0.167	0.11	20.7	6.1	0.17	2170	1.63	<0.01
E843029		5.51	150.0	4.37	3.52	0.07	0.02	0.10	0.167	0.08	20.4	19.6	0.47	834	2.89	<0.01
E843030		9.31	95.9	5.57	2.77	0.08	0.12	0.08	0.133	0.09	19.3	11.1	0.34	1770	1.52	<0.01
E843031		3.56	23.2	6.58	1.98	0.09	0.11	1.48	0.575	0.08	26.0	3.5	0.27	4540	12.35	0.03
E843032		1.84	68.8	4.02	4.15	0.07	0.07	0.18	0.109	0.09	21.0	12.4	0.42	3070	4.30	0.01
E843033		3.07	25.4	3.68	4.60	0.05	0.05	0.17	0.089	0.10	19.0	11.7	0.30	2310	3.60	0.01
E843034		7.34	85.3	4.77	2.87	0.07	0.09	0.35	0.213	0.10	24.0	6.5	0.33	3610	2.34	0.01
E843035		3.27	158.0	4.58	4.14	0.07	0.10	0.19	0.204	0.09	17.3	10.5	0.46	3810	2.89	0.02
E843036		2.14	28.5	3.89	3.39	0.06	0.06	0.10	0.120	0.07	14.6	8.6	0.36	2900	1.49	<0.01
E843037		2.21	98.4	3.69	2.49	0.06	0.07	0.14	0.105	0.07	18.7	6.4	0.28	2510	1.54	0.01
E843038		2.16	358.0	4.13	3.36	0.07	0.08	0.16	0.140	0.09	23.8	7.8	0.41	2480	2.10	0.03
E843039		3.05	17.8	4.03	2.03	0.07	0.06	0.14	0.153	0.08	21.5	3.8	0.26	2830	2.84	0.03
E843040		3.28	24.2	4.54	3.48	0.07	0.08	0.14	0.197	0.10	18.0	7.6	0.33	5870	2.03	0.03
E843041		6.61	170.5	3.11	1.18	0.06	0.04	0.46	0.132	0.10	21.5	2.3	0.94	4100	1.77	<0.01
E843042		6.17	8.2	2.97	1.77	<0.05	0.08	1.39	0.130	0.11	9.4	5.8	0.91	3830	1.23	<0.01
E843043		2.81	13.3	3.93	2.14	0.09	0.08	0.17	0.140	0.07	15.5	3.4	0.35	5490	1.25	0.02
E843044		13.95	2150.0	7.30	12.60	0.17	0.16	0.24	0.250	0.13	17.0	59.5	3.27	4850	14.55	0.01
E843045		2.67	2440.0	3.75	1.38	0.08	0.09	0.20	0.164	0.07	11.8	1.8	0.27	7170	2.95	0.02
E843046		3.45	191.0	3.79	2.38	0.10	0.07	0.18	0.097	0.07	15.9	4.3	0.28	6370	2.48	0.01
E843047		7.04	28.0	4.89	3.17	0.10	0.08	0.16	0.141	0.12	15.8	15.0	0.83	7470	4.21	0.01
E843048		2.42	17.8	4.54	2.21	0.10	0.10	0.10	0.097	0.16	11.7	10.2	0.25	4690	4.48	0.01
E843049		1.39	30.0	2.83	3.22	0.08	0.07	0.10	0.061	0.06	18.3	10.2	0.52	4470	4.17	0.01
E843050		3.87	90.3	2.47	0.98	0.06	0.05	0.17	0.107	0.05	9.9	2.7	0.12	1640	1.21	<0.01
E843507		10.25	119.5	6.90	2.56	0.14	0.13	0.17	0.459	0.09	6.9	3.3	0.16	7800	2.55	0.01
E843508		4.04	116.0	9.11	1.44	0.13	0.18	0.14	0.435	0.07	3.6	1.1	0.16	8690	1.37	0.01
E843509		2.46	8.5	3.95	1.85	0.06	0.07	0.24	0.146	0.06	8.8	2.5	0.09	2550	0.48	0.01
E843510		4.53	17.8	3.77	1.54	0.07	0.09	0.33	0.090	0.05	9.3	2.5	0.15	2860	0.61	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E843014		0.36	39.0	440	99.2	6.4	<0.001	0.05	7.76	4.1	0.8	0.2	19.9	<0.01	0.03	3.6
E843015		0.20	27.5	290	104.0	3.2	<0.001	0.04	8.36	2.8	0.7	<0.2	19.4	<0.01	0.02	1.7
E843016		0.24	36.0	280	179.5	3.4	<0.001	0.09	12.25	2.9	0.7	<0.2	15.8	<0.01	0.02	1.6
E843017		0.08	14.6	140	138.5	1.5	<0.001	0.07	4.57	1.8	0.5	<0.2	20.4	<0.01	0.01	0.9
E843018		0.10	14.8	130	34.5	2.6	<0.001	0.06	4.46	1.4	0.5	<0.2	28.0	<0.01	0.01	0.9
E843019		0.08	28.7	110	49.8	2.9	<0.001	0.13	8.22	1.3	0.5	<0.2	31.4	<0.01	0.01	0.9
E843020		0.21	42.3	1030	31.0	22.4	<0.001	0.08	4.92	8.3	1.9	0.4	16.7	0.01	0.07	5.7
E843021		0.09	37.1	310	24.7	9.7	<0.001	0.01	3.99	5.4	0.9	0.2	5.6	0.01	0.02	18.3
E843022		0.09	32.2	400	37.8	19.1	<0.001	0.03	3.56	7.7	1.3	0.2	9.7	0.01	0.03	12.8
E843023		0.17	45.1	510	21.3	14.3	<0.001	0.02	3.19	6.0	1.0	0.3	5.8	0.01	0.03	16.9
E843024		0.06	24.9	200	15.5	7.3	<0.001	0.01	1.73	3.5	0.6	0.2	3.9	<0.01	0.02	13.8
E843025		0.30	47.4	1060	34.1	21.2	<0.001	0.06	2.39	4.9	1.3	0.4	10.6	0.01	0.05	5.0
E843026		0.27	40.6	750	31.7	20.0	<0.001	0.04	2.31	3.8	0.9	0.4	7.2	0.01	0.05	4.6
E843027		0.21	43.1	450	21.8	15.2	<0.001	0.01	2.56	5.1	0.9	0.3	5.5	0.01	0.04	10.3
E843029		0.28	44.5	450	15.8	12.2	<0.001	0.03	2.53	3.0	0.7	0.3	5.2	<0.01	0.03	4.6
E843030		0.25	17.8	440	17.0	15.3	<0.001	0.02	3.52	5.3	0.8	0.3	6.6	0.01	0.03	11.2
E843031		0.25	19.5	1110	12.2	10.9	0.001	0.09	1.61	10.6	2.3	0.5	35.4	0.01	0.23	2.4
E843032		0.42	24.9	1050	15.0	14.1	<0.001	0.06	1.26	6.3	1.2	0.5	16.1	<0.01	0.10	3.7
E843033		0.38	25.0	1130	18.5	18.1	<0.001	0.06	1.07	4.6	0.7	0.5	14.0	<0.01	0.05	3.1
E843034		0.39	17.8	1420	14.8	18.3	<0.001	0.11	1.78	5.1	2.3	0.5	19.2	0.01	0.15	2.3
E843035		0.42	22.5	1830	16.4	15.9	<0.001	0.13	1.28	6.2	2.0	0.5	20.1	0.01	0.20	2.0
E843036		0.38	17.6	980	14.3	11.7	<0.001	0.08	1.09	4.0	1.0	0.4	11.6	0.01	0.07	2.2
E843037		0.36	18.5	730	11.4	9.2	<0.001	0.05	1.27	4.5	1.0	0.3	14.2	<0.01	0.10	4.2
E843038		0.38	18.5	1100	13.2	11.7	<0.001	0.09	1.10	6.2	1.4	0.4	30.9	0.01	0.10	3.0
E843039		0.23	19.3	1140	10.9	9.7	<0.001	0.10	1.05	7.5	1.2	0.3	27.5	0.01	0.06	2.1
E843040		0.29	37.9	1410	15.6	13.8	<0.001	0.11	1.05	4.5	1.5	0.4	29.8	0.01	0.04	2.9
E843041		0.13	10.7	770	10.4	10.4	<0.001	0.03	0.52	4.8	0.7	0.3	22.8	<0.01	0.55	11.2
E843042		0.16	12.4	830	13.3	11.9	<0.001	0.05	0.42	4.4	1.1	0.3	32.4	<0.01	0.69	6.9
E843043		0.17	20.3	1810	12.2	10.9	<0.001	0.16	0.62	3.4	1.5	0.3	13.9	0.02	0.05	3.2
E843044		0.15	48.6	930	7.5	19.0	0.001	0.05	2.84	27.4	2.2	0.3	15.5	0.01	0.14	18.1
E843045		0.16	11.2	1680	16.0	9.7	0.001	0.11	3.44	3.3	1.8	0.2	15.7	0.01	0.16	4.3
E843046		0.19	17.9	1280	27.5	10.8	<0.001	0.09	1.19	4.0	1.3	0.2	14.1	0.01	0.09	4.3
E843047		0.24	53.9	820	14.2	17.7	<0.001	0.04	1.56	6.2	1.4	0.3	13.8	0.01	0.07	19.7
E843048		0.10	46.6	420	7.7	15.1	<0.001	0.02	1.62	4.8	1.1	0.3	9.8	<0.01	0.04	14.0
E843049		0.17	31.2	980	8.8	8.9	<0.001	0.05	0.65	3.5	0.9	0.2	12.2	<0.01	0.08	4.5
E843050		0.10	19.6	280	14.8	5.4	<0.001	0.02	2.10	3.7	0.5	<0.2	6.1	<0.01	0.02	7.6
E843507		0.23	50.6	1150	28.1	13.8	<0.001	0.05	7.75	13.6	2.0	0.3	10.6	0.01	0.06	7.2
E843508		0.12	35.0	930	15.8	7.4	<0.001	0.08	4.08	9.3	1.6	0.3	14.5	0.01	0.03	7.4
E843509		0.21	8.9	630	7.7	7.3	<0.001	0.05	0.76	4.6	0.6	0.2	9.1	<0.01	0.03	3.5
E843510		0.21	13.6	390	13.9	6.0	<0.001	0.04	2.74	5.6	0.8	0.2	10.0	0.01	0.06	5.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E843014		0.019	0.56	0.81	18	0.17	13.70	207	2.1
E843015		0.008	0.41	0.46	10	0.08	11.35	242	0.9
E843016		0.012	0.43	0.51	13	0.08	12.40	574	0.7
E843017		<0.005	0.30	0.29	5	<0.05	8.79	228	0.5
E843018		<0.005	0.47	0.28	4	<0.05	9.02	58	0.7
E843019		<0.005	0.19	0.35	4	<0.05	9.91	72	1.1
E843020		0.012	0.40	3.38	19	0.08	36.60	92	4.3
E843021		<0.005	0.34	2.16	7	<0.05	15.60	54	5.1
E843022		<0.005	0.32	2.69	9	0.05	30.40	80	3.3
E843023		0.007	0.30	2.43	12	0.09	21.20	62	2.9
E843024		<0.005	0.14	1.61	5	<0.05	12.45	29	4.4
E843025		0.015	0.28	2.81	25	0.11	22.40	77	1.3
E843026		0.012	0.31	2.13	23	0.11	13.35	73	0.7
E843027		0.007	0.29	1.88	14	0.06	14.00	52	1.0
E843029		0.010	0.45	1.06	20	0.09	7.44	62	0.5
E843030		0.008	0.12	3.07	18	0.12	19.80	40	2.8
E843031		0.009	0.11	8.78	23	1.06	30.10	40	2.4
E843032		0.021	0.18	7.17	37	0.33	19.40	72	1.1
E843033		0.018	0.16	2.97	37	0.23	13.50	103	0.8
E843034		0.018	0.18	14.95	27	1.07	27.90	47	1.6
E843035		0.016	0.14	24.50	32	0.32	37.90	73	1.4
E843036		0.020	0.11	2.15	34	0.58	19.80	62	1.1
E843037		0.021	0.11	2.91	30	0.71	19.45	48	1.3
E843038		0.019	0.12	2.56	36	0.52	22.30	61	1.3
E843039		0.011	0.10	2.43	32	0.24	21.30	48	1.1
E843040		0.016	0.19	2.66	34	0.21	25.00	65	1.5
E843041		0.010	0.44	1.97	19	0.20	16.75	36	1.3
E843042		0.006	0.14	1.45	22	0.13	17.25	41	2.2
E843043		0.009	0.12	1.62	21	0.20	34.40	52	1.4
E843044		0.012	0.12	7.16	144	0.19	29.20	100	5.7
E843045		0.007	0.15	8.43	11	0.25	27.20	60	2.3
E843046		0.011	0.13	2.71	24	0.19	26.00	99	1.6
E843047		0.022	0.35	4.81	25	0.54	29.40	77	2.1
E843048		<0.005	0.19	6.10	19	0.13	21.40	35	2.3
E843049		0.012	0.09	2.05	22	0.13	15.30	53	1.4
E843050		<0.005	0.23	1.33	8	0.05	10.35	34	2.2
E843507		0.011	0.60	3.38	21	0.11	42.30	65	3.0
E843508		<0.005	0.32	2.73	14	0.06	34.40	66	4.7
E843509		0.007	0.15	1.23	19	0.09	13.70	44	1.5
E843510		0.008	0.14	1.46	19	0.09	18.95	61	2.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E843511	0.48	<0.005	3.22	0.58	105.5	<0.2	<10	4070	1.69	2.55	0.15	1.51	36.70	35.1	9
E843512	0.48	<0.005	2.68	0.56	94.9	<0.2	<10	3730	1.52	2.40	0.15	1.41	35.50	32.2	9
E843513	0.46	0.013	0.10	0.66	7.5	<0.2	<10	2910	1.86	0.27	0.47	0.23	47.90	24.6	12
E843514	0.54	<0.005	0.09	0.47	8.9	<0.2	<10	3290	0.98	0.69	0.30	0.22	34.60	13.8	11
E843515	0.40	<0.005	0.08	0.84	7.4	<0.2	<10	2800	1.33	0.27	0.64	0.24	31.50	17.0	15
E843516	0.54	0.028	0.23	0.61	8.8	<0.2	<10	3450	2.01	0.66	0.51	0.26	57.30	19.0	11
E843517	0.48	0.023	0.57	0.76	35.9	<0.2	<10	3870	1.42	1.88	0.48	0.27	37.10	26.6	14
E843518	0.38	<0.005	0.07	0.90	7.6	<0.2	<10	610	0.91	0.69	0.45	0.20	35.70	26.2	13
E843519	0.44	<0.005	0.06	1.12	9.3	<0.2	<10	300	0.95	0.24	0.30	0.17	33.50	14.4	21
E843520	0.54	0.005	0.12	1.18	10.0	<0.2	<10	960	1.12	0.28	0.35	0.16	37.60	11.1	22
E843521	0.48	<0.005	0.03	0.83	6.1	<0.2	<10	420	0.72	0.23	0.18	0.11	23.10	12.9	18
E843522	0.42	0.025	0.39	1.41	27.9	<0.2	<10	1290	1.13	1.77	0.58	0.19	35.30	34.6	16
E843523	0.38	<0.005	0.07	1.35	7.6	<0.2	<10	640	0.93	0.29	0.91	0.24	35.60	12.1	21
E843524	0.02	<0.005	<0.01	0.01	0.2	<0.2	<10	10	<0.05	<0.01	0.01	0.02	1.17	0.1	<1
E843525	0.42	0.005	0.11	0.91	9.4	<0.2	<10	770	1.24	0.25	1.06	0.44	26.20	19.0	14
E843526	0.36	<0.005	0.06	0.85	8.8	<0.2	<10	130	0.24	0.41	0.21	0.20	18.70	5.2	14
E845929	0.30	<0.005	1.29	0.45	184.5	<0.2	<10	150	4.59	2.94	0.78	0.23	14.90	98.7	6
E845930	0.44	<0.005	0.40	0.39	22.6	<0.2	<10	110	3.36	2.15	0.51	0.18	15.10	28.4	4
E845931	0.46	<0.005	0.52	0.48	26.0	<0.2	<10	100	3.36	2.06	0.21	0.21	19.45	29.7	6
E845932	0.40	<0.005	0.49	0.65	24.9	<0.2	<10	200	3.66	2.04	0.35	0.26	19.95	27.8	10
E845933	0.40	<0.005	0.11	0.31	22.6	<0.2	<10	200	1.79	1.71	0.67	0.14	10.35	13.6	4
E845934	0.44	<0.005	0.12	1.31	30.2	<0.2	<10	70	0.87	0.81	0.05	0.15	25.30	12.3	23
E845935	0.48	<0.005	0.25	1.43	21.3	<0.2	<10	80	3.11	1.81	0.05	0.13	26.10	31.1	21
E845936	0.54	<0.005	0.39	1.65	31.1	<0.2	<10	110	3.76	0.85	0.04	0.19	32.50	45.3	20
E845937	0.48	<0.005	0.54	1.06	189.0	<0.2	<10	490	3.39	7.73	0.31	0.27	32.90	49.0	16
E845938	0.60	0.024	0.11	0.29	11.3	<0.2	<10	3350	1.43	0.34	0.50	0.08	62.90	14.3	9
E845939	0.40	0.007	0.18	0.53	11.0	<0.2	<10	3000	1.21	1.12	0.34	0.15	44.50	19.2	10
E845940	0.46	0.005	0.17	0.86	13.1	<0.2	<10	3380	1.55	0.62	0.46	0.20	40.70	15.9	15
E845941	0.36	0.007	0.14	0.77	11.0	<0.2	<10	1810	1.28	0.43	0.79	0.18	28.00	16.8	13
E845942	0.44	0.010	0.09	0.98	9.1	<0.2	<10	1930	1.13	0.34	0.64	0.32	39.20	17.6	13
E845943	0.46	<0.005	0.06	1.24	9.8	<0.2	<10	1150	0.92	0.28	0.24	0.18	31.10	10.1	20
E845944	0.42	0.162	0.33	0.93	13.3	0.3	<10	2360	1.44	1.53	0.75	0.20	35.20	20.0	17
E845945	0.44	0.088	0.36	2.40	12.9	<0.2	<10	800	1.43	4.29	0.23	0.17	57.80	54.0	28
E845946	0.46	0.019	0.12	1.32	25.6	<0.2	<10	1250	1.86	0.96	0.66	0.32	33.60	90.5	23
E845947	0.46	0.006	0.11	0.84	23.2	<0.2	<10	1040	1.82	0.35	0.62	0.14	48.20	32.2	20
E845948	0.38	0.043	0.50	0.76	140.0	<0.2	<10	1160	1.08	10.45	0.92	0.24	68.40	50.7	10
E845949	0.42	0.087	1.25	0.89	51.5	<0.2	<10	610	1.24	8.64	1.56	0.26	49.90	106.5	10
E845950	0.46	<0.005	0.22	0.45	27.6	<0.2	<10	150	0.50	3.24	0.13	0.11	14.55	28.5	9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 19-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E843511		5.58	597.0	8.75	2.00	0.14	0.11	6.23	0.206	0.05	18.2	2.2	0.14	5170	1.49	0.03
E843512		5.17	518.0	7.79	1.89	0.12	0.10	6.06	0.179	0.05	17.6	2.5	0.15	4730	1.33	0.02
E843513		1.45	11.4	6.04	2.26	0.12	0.12	0.34	0.704	0.08	24.9	3.6	0.23	7100	1.44	0.02
E843514		2.33	38.0	4.70	1.56	0.10	0.07	0.35	0.168	0.08	17.6	2.2	0.14	4180	1.11	0.02
E843515		1.19	53.6	4.27	2.44	0.10	0.11	0.23	0.141	0.08	15.9	4.4	0.26	4900	1.27	0.02
E843516		3.82	29.0	6.69	2.21	0.13	0.11	0.43	0.326	0.09	30.9	2.6	0.19	7720	8.25	0.03
E843517		1.97	131.5	7.74	2.48	0.13	0.12	1.78	0.352	0.06	18.7	3.8	0.26	9110	1.29	0.03
E843518		3.15	23.9	3.48	4.04	0.07	0.04	0.13	0.112	0.08	17.9	4.0	0.17	6430	1.56	0.01
E843519		4.30	16.7	4.19	3.85	0.08	0.03	1.16	0.119	0.08	15.6	8.0	0.33	3180	1.12	0.01
E843520		1.77	21.6	3.96	3.23	0.09	0.04	0.28	0.086	0.10	20.1	7.1	0.32	2010	1.09	0.01
E843521		3.35	13.3	4.79	3.10	0.07	0.03	0.05	0.122	0.09	11.2	5.4	0.20	1865	1.03	0.01
E843522		4.35	2760.0	4.01	3.97	0.10	0.10	0.50	0.138	0.09	17.8	11.4	0.51	3880	1.92	0.01
E843523		4.17	16.8	4.69	4.17	0.10	0.05	0.17	0.219	0.09	16.0	8.0	0.33	5180	1.07	0.01
E843524		<0.05	0.8	0.02	<0.05	<0.05	<0.02	0.01	<0.005	<0.01	0.6	0.1	<0.01	8	0.07	<0.01
E843525		3.59	23.8	6.29	3.11	0.10	0.11	0.26	0.242	0.08	12.1	4.8	0.33	12550	1.28	0.01
E843526		2.66	33.9	2.39	5.70	<0.05	<0.02	0.08	0.042	0.06	9.3	2.5	0.10	474	1.66	0.01
E845929		9.19	893.0	6.14	1.55	0.10	0.13	0.08	0.374	0.09	5.2	1.6	0.17	6860	2.18	0.01
E845930		7.03	123.5	3.66	1.15	0.07	0.10	0.09	0.198	0.08	5.5	1.3	0.12	3360	1.72	0.01
E845931		8.29	164.5	4.79	1.52	0.09	0.08	0.10	0.289	0.07	7.2	2.4	0.13	4000	1.90	<0.01
E845932		8.01	85.2	5.48	2.10	0.11	0.14	0.20	0.360	0.08	7.5	4.3	0.19	4780	1.72	0.01
E845933		1.79	92.4	2.39	0.83	0.05	0.10	0.09	0.115	0.08	3.9	0.9	0.08	2110	0.87	0.01
E845934		3.77	54.6	3.89	6.34	0.07	<0.02	0.12	0.073	0.07	12.0	13.4	0.26	634	2.04	0.01
E845935		10.55	107.5	4.15	4.78	0.08	0.03	0.10	0.199	0.09	12.7	18.5	0.37	1035	3.21	0.01
E845936		10.20	203.0	5.64	4.73	0.10	0.04	0.09	0.287	0.08	14.6	18.3	0.36	3100	3.15	<0.01
E845937		6.64	203.0	5.78	3.53	0.11	0.04	0.21	0.368	0.09	14.0	8.2	0.24	3460	4.23	0.01
E845938		1.70	27.3	4.47	1.23	0.11	0.06	1.10	0.191	0.07	36.7	1.1	0.15	3470	4.30	0.02
E845939		1.53	59.6	4.33	1.74	0.10	0.10	0.39	0.216	0.10	25.7	2.9	0.17	3690	1.44	0.02
E845940		1.96	35.9	4.89	2.57	0.11	0.08	0.98	0.232	0.09	23.0	4.4	0.21	4040	2.81	0.02
E845941		3.67	62.7	4.12	2.23	0.08	0.10	0.75	0.229	0.11	15.0	4.8	0.25	3560	1.02	0.01
E845942		1.57	21.2	4.71	3.01	0.10	0.10	0.21	0.256	0.07	17.6	6.4	0.28	6350	1.41	0.02
E845943		2.62	19.6	3.35	4.10	0.07	0.03	0.14	0.091	0.08	15.1	9.2	0.27	1610	1.64	0.01
E845944		1.70	438.0	5.05	2.98	0.11	0.11	0.18	0.199	0.10	18.7	8.0	0.46	5230	3.37	0.02
E845945		6.50	955.0	6.66	11.10	0.17	0.13	0.20	0.259	0.08	28.9	33.4	1.84	4060	17.60	0.01
E845946		5.99	62.8	8.36	4.04	0.14	0.20	0.46	0.236	0.10	15.1	12.1	0.61	6310	2.24	0.02
E845947		11.05	27.1	5.65	3.19	0.13	0.09	0.35	0.190	0.12	24.8	9.9	0.49	6220	2.22	0.01
E845948		6.08	1890.0	4.47	2.90	0.15	0.13	0.79	0.137	0.11	32.9	6.3	0.36	11100	15.75	0.01
E845949		5.99	1720.0	6.07	2.92	0.15	0.19	0.40	0.233	0.13	23.7	6.5	0.63	9840	16.35	0.01
E845950		2.71	81.4	3.38	3.80	0.05	<0.02	0.11	0.217	0.09	6.5	1.3	0.07	1540	1.86	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E843511		0.23	29.9	620	88.2	6.4	<0.001	0.08	43.10	8.4	1.2	0.2	53.7	0.01	0.06	5.3
E843512		0.22	27.7	570	76.8	6.0	<0.001	0.08	32.70	7.7	1.1	0.2	51.1	0.01	0.05	4.7
E843513		0.45	16.2	900	10.3	11.2	<0.001	0.08	1.69	9.5	1.3	0.3	15.3	0.01	0.09	5.5
E843514		0.30	11.7	820	9.8	10.8	<0.001	0.09	1.66	3.9	0.8	0.2	45.4	0.01	0.05	8.7
E843515		0.31	18.6	1170	11.0	12.3	<0.001	0.10	0.83	3.6	1.2	0.3	19.2	0.01	0.07	4.9
E843516		0.36	16.8	1420	10.3	11.6	0.001	0.08	1.78	6.7	1.4	0.3	28.8	0.01	0.10	6.9
E843517		0.31	28.7	930	20.8	7.1	0.001	0.09	5.64	7.6	1.4	0.3	38.3	0.01	0.08	5.5
E843518		0.47	11.4	1420	15.2	10.3	<0.001	0.11	1.26	2.9	0.6	0.6	11.2	0.01	0.10	0.7
E843519		0.38	22.7	930	13.0	12.2	<0.001	0.06	0.83	2.6	0.8	0.4	15.5	<0.01	0.05	1.4
E843520		0.36	19.1	1000	10.0	13.0	<0.001	0.06	1.10	4.1	0.9	0.5	16.7	0.01	0.19	2.6
E843521		0.32	21.0	1210	9.9	13.9	<0.001	0.06	0.60	2.4	0.4	0.4	14.7	<0.01	0.03	1.0
E843522		0.29	31.0	1420	10.5	14.3	0.001	0.08	20.60	3.7	1.6	0.3	14.4	0.01	0.12	3.5
E843523		0.39	16.0	1670	15.2	16.1	<0.001	0.11	0.72	5.4	1.3	0.4	14.3	0.01	0.07	1.8
E843524		<0.05	0.3	10	0.5	0.1	<0.001	0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
E843525		0.29	25.2	1500	13.7	10.7	<0.001	0.13	0.96	4.8	1.5	0.3	19.0	0.01	0.07	4.5
E843526		0.59	10.7	1000	13.1	8.0	<0.001	0.10	1.09	0.8	0.5	0.8	8.5	<0.01	0.07	<0.2
E845929		0.12	46.6	670	25.9	15.6	<0.001	0.08	3.56	8.6	1.6	0.4	13.9	0.01	0.04	6.9
E845930		0.09	21.2	560	27.7	13.1	<0.001	0.06	3.10	3.9	1.0	0.3	10.0	<0.01	0.03	6.2
E845931		0.15	25.2	600	21.6	12.6	<0.001	0.04	2.72	6.1	1.2	0.3	7.9	0.01	0.04	9.6
E845932		0.22	32.1	730	41.2	13.7	<0.001	0.05	2.61	6.5	1.4	0.3	10.4	0.01	0.04	6.1
E845933		0.09	14.4	690	11.7	5.5	<0.001	0.08	3.25	4.3	0.8	0.2	11.5	<0.01	0.03	3.8
E845934		0.97	18.9	560	24.0	14.3	<0.001	0.06	1.53	1.9	0.7	0.6	7.3	<0.01	0.06	0.9
E845935		0.49	27.8	710	23.3	17.6	<0.001	0.08	2.35	2.2	0.8	0.4	6.2	<0.01	0.05	1.8
E845936		0.65	44.5	560	43.5	21.3	<0.001	0.04	3.77	5.1	1.0	0.4	5.4	0.01	0.05	8.2
E845937		0.33	38.7	1270	38.9	12.9	<0.001	0.07	6.04	6.3	1.0	0.5	11.9	0.01	0.11	1.7
E845938		0.27	10.7	790	5.5	7.3	<0.001	0.08	1.78	6.6	1.0	0.7	53.2	<0.01	0.20	5.0
E845939		0.31	11.7	910	9.2	11.2	<0.001	0.08	1.67	7.0	0.9	0.4	34.2	0.01	0.10	6.0
E845940		0.28	14.3	1290	12.3	12.5	<0.001	0.09	2.11	4.9	1.4	0.3	25.1	0.01	0.44	3.2
E845941		0.29	14.3	1600	11.7	13.6	<0.001	0.11	1.50	5.2	1.3	0.3	19.7	0.01	0.08	3.6
E845942		0.33	18.1	1290	17.0	11.3	<0.001	0.11	1.26	6.8	1.6	0.3	15.5	0.01	0.07	3.5
E845943		0.53	14.2	1090	13.7	14.8	<0.001	0.09	0.95	3.1	0.8	0.5	11.8	<0.01	0.06	1.7
E845944		0.40	23.1	1090	14.5	15.3	<0.001	0.13	2.46	5.8	1.8	0.3	35.9	0.01	0.13	4.4
E845945		0.30	44.5	800	11.9	12.6	<0.001	0.04	1.57	27.5	2.0	0.4	9.7	0.01	0.13	7.2
E845946		0.32	108.5	1640	14.6	14.1	<0.001	0.12	1.97	10.6	2.0	0.4	13.9	0.01	0.17	10.8
E845947		0.25	39.0	780	11.3	18.1	<0.001	0.04	1.77	9.9	1.2	0.4	16.6	0.01	0.09	12.4
E845948		0.17	35.1	1560	11.7	15.4	<0.001	0.06	38.70	7.0	2.2	0.2	21.1	0.01	0.13	8.4
E845949		0.24	46.3	1300	29.4	13.4	0.001	0.12	4.75	7.5	3.6	0.2	20.5	0.01	0.67	11.1
E845950		0.33	23.4	990	24.0	18.1	<0.001	0.10	2.55	1.3	0.5	0.5	6.7	<0.01	0.05	0.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 19-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096031

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E843511		0.012	2.25	3.88	21	0.10	25.40	191	3.0
E843512		0.011	1.97	3.43	21	0.10	22.10	191	2.8
E843513		0.019	0.09	2.58	23	0.63	28.30	56	2.7
E843514		0.016	0.15	3.66	19	0.45	15.85	47	2.0
E843515		0.016	0.10	2.41	27	0.22	23.40	55	2.6
E843516		0.018	0.11	4.54	32	0.84	29.00	60	3.4
E843517		0.019	0.84	4.60	37	0.29	32.60	75	3.5
E843518		0.016	0.15	1.73	34	0.73	8.96	46	0.9
E843519		0.025	0.11	0.97	39	0.20	14.90	75	<0.5
E843520		0.021	0.14	1.30	40	0.34	20.30	54	0.6
E843521		0.019	0.08	1.86	36	0.23	5.22	53	0.5
E843522		0.014	0.63	3.83	30	0.18	27.50	58	2.0
E843523		0.019	0.13	0.70	40	0.18	27.70	60	0.6
E843524		<0.005	<0.02	0.09	<1	<0.05	0.65	3	<0.5
E843525		0.016	0.45	1.56	28	0.36	32.70	70	2.6
E843526		0.017	0.17	0.82	56	0.23	2.68	51	<0.5
E845929		<0.005	0.37	2.73	10	0.06	28.30	59	4.1
E845930		<0.005	0.28	1.61	7	<0.05	18.05	51	3.3
E845931		0.006	0.27	2.04	12	0.08	22.90	55	2.4
E845932		0.009	0.45	2.61	17	0.09	26.30	57	3.8
E845933		<0.005	0.09	0.66	8	<0.05	10.95	43	2.9
E845934		0.038	0.21	0.84	53	0.25	3.89	79	<0.5
E845935		0.018	0.51	1.29	33	0.15	7.44	66	0.6
E845936		0.022	0.81	1.40	32	0.13	9.30	83	1.2
E845937		0.019	0.24	1.32	33	0.23	17.95	80	0.6
E845938		0.009	0.05	3.62	16	1.57	16.70	20	1.5
E845939		0.012	0.15	3.54	19	0.71	19.10	37	2.2
E845940		0.015	0.26	3.72	27	0.43	28.30	46	1.3
E845941		0.015	0.15	3.57	23	0.35	25.30	48	2.1
E845942		0.016	0.12	2.61	27	0.24	34.90	59	1.8
E845943		0.022	0.12	1.32	40	0.27	13.35	58	0.5
E845944		0.023	0.17	5.09	29	0.34	34.10	51	2.3
E845945		0.019	0.18	5.82	155	0.23	27.80	90	3.5
E845946		0.020	0.57	6.54	40	0.57	44.20	109	5.3
E845947		0.017	1.14	3.64	33	0.42	30.20	55	2.1
E845948		0.008	0.33	3.84	19	0.12	34.10	65	2.7
E845949		0.009	1.69	15.40	27	0.19	44.30	57	4.4
E845950		0.014	0.18	0.80	33	0.11	4.71	62	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 25-SEP-2007
Account: EIAFRG

CERTIFICATE VA07096347

Project: Werneckes

P.O. No.: FRG07-01

This report is for 1 Soil sample submitted to our lab in Vancouver, BC, Canada on 28-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 25-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096347

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E845704		0.44	0.010	0.54	1.3	103	<0.2	<10	610	1	3.26	3.22	0.35	40.9	49.9	14

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096347

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E845704		4.26	430	4.25	3.32	0.08	0.09	0.17	0.334	0.14	19.4	23.3	2.07	4170	6.77	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096347

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
E845704		0.29	34	1140	29.2	11.5	0.001	0.18	4	4.3	2.7	0.4	17.9	<0.01	0.1	3.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07096347

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E845704		0.011	0.24	5.35	23	0.27	14.2	126	3.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 25-SEP-2007
Account: EIAFRG

CERTIFICATE VA07096348

Project: Werneckes

P.O. No.: FRG07-01

This report is for 1 Soil sample submitted to our lab in Vancouver, BC, Canada on 28-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 25-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096348

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 2	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E846504		0.44	0.022	1.84	0.59	165	<0.2	<10	490	0.69	1.47	10.5	1.55	25.8	39.5	7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 25-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096348

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cs ppm 0.05	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01
E846504		1.6	276	4.87	1.8	0.08	0.07	0.43	0.164	0.12	12.8	11.2	6.93	2060	10.35	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 25-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096348

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
E846504		0.21	34.5	510	635	13.1	0.001	0.32	5.92	4.7	1.2	0.3	24.6	<0.01	0.11	5.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 25-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07096348

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E846504		0.012	1.26	7.39	23	0.47	13.3	535	3.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 21-SEP-2007
Account: EIAFRG

CERTIFICATE VA07099364

Project: Werneckes

P.O. No.: FRG07-01

This report is for 213 Soil samples submitted to our lab in Vancouver, BC, Canada on 16-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840604	0.36	0.047	0.43	0.38	55.3	<0.2	<10	60	0.19	1.08	0.07	0.31	36.70	9.6	5
E840605	0.18	<0.005	0.93	0.27	18.8	<0.2	<10	30	0.10	0.52	0.09	0.21	15.85	4.9	4
E840606	0.24	0.017	0.45	1.67	255.0	<0.2	<10	100	1.02	3.19	0.04	0.32	36.20	33.1	13
E840607	0.22	NSS	0.53	0.73	64.9	<0.2	<10	400	0.38	1.54	0.79	0.47	26.20	23.6	9
E840608	0.30	0.014	0.43	1.29	99.9	<0.2	<10	840	1.04	1.33	0.33	0.91	54.50	37.7	14
E840609	0.28	0.040	2.49	1.45	863.0	<0.2	<10	240	1.48	3.29	0.35	2.57	38.70	66.4	13
E840610	0.18	NSS	0.45	0.30	133.5	<0.2	<10	90	0.23	1.04	0.95	1.02	16.95	30.5	4
E840611	0.24	<0.005	0.49	0.42	20.7	<0.2	<10	190	0.33	0.49	2.71	3.87	9.07	8.9	3
E840612	0.18	NSS	0.45	0.52	36.2	<0.2	<10	90	0.24	1.03	0.29	1.50	19.65	9.5	6
E840613	0.30	0.012	0.71	1.25	132.0	<0.2	<10	190	0.88	2.20	0.13	2.07	41.90	28.0	11
E840614	0.04	<0.005	0.01	0.01	0.1	<0.2	<10	10	<0.05	<0.01	<0.01	0.01	1.17	0.1	<1
E840615	0.40	0.042	0.53	1.27	113.0	<0.2	<10	180	0.83	3.20	0.07	1.13	77.30	50.6	14
E840616	0.36	0.038	0.50	1.54	154.0	<0.2	<10	170	0.81	4.45	0.10	0.15	154.50	15.4	23
E840617	0.42	0.022	0.31	1.64	54.1	<0.2	<10	190	0.67	2.14	0.10	0.29	100.50	12.5	22
E840618	0.38	0.016	0.39	1.54	59.5	<0.2	<10	80	0.99	2.39	0.02	0.15	115.00	8.5	21
E840619	0.32	0.018	0.33	1.64	67.9	<0.2	<10	90	1.18	2.36	0.03	0.12	119.00	9.2	23
E840620	0.30	0.027	0.55	2.06	103.5	<0.2	<10	50	1.19	3.90	0.01	0.07	96.00	6.0	35
E840621	0.34	0.018	0.38	1.97	66.5	<0.2	<10	70	1.16	3.15	0.03	0.14	114.00	6.7	29
E842125	0.60	0.045	0.19	0.79	9.5	<0.2	<10	420	1.90	1.47	0.20	0.05	60.50	20.2	16
E842126	0.52	0.007	0.59	0.99	52.7	<0.2	<10	410	3.64	12.70	0.15	0.27	33.90	46.6	14
E842127	0.58	0.012	0.08	1.10	8.5	<0.2	<10	870	1.39	1.34	0.29	0.23	35.00	28.0	16
E842128	0.40	0.008	0.06	0.76	6.9	<0.2	<10	1230	1.25	0.81	0.45	0.08	35.10	9.8	14
E842129	0.38	NSS	0.20	1.64	9.4	<0.2	<10	480	1.86	1.01	0.09	0.24	27.60	24.8	21
E842130	0.44	0.036	0.17	1.28	12.6	<0.2	<10	890	2.47	1.43	0.65	0.13	31.10	17.4	17
E842131	0.50	0.051	0.09	0.87	7.7	<0.2	<10	490	2.40	0.50	0.43	0.17	39.80	34.5	17
E842132	0.54	0.028	0.05	0.42	4.7	<0.2	<10	340	1.58	0.21	0.04	0.16	13.45	40.3	12
E842133	0.48	0.015	0.06	0.72	8.5	<0.2	<10	190	1.58	0.41	0.08	0.10	22.30	16.3	15
E842134	0.58	0.013	0.09	0.79	6.2	<0.2	<10	2080	1.49	0.27	0.57	0.23	44.10	20.3	14
E842135	0.48	0.007	0.12	1.02	8.8	<0.2	<10	2630	1.33	0.30	0.30	0.23	37.50	12.2	20
E842136	0.50	0.006	0.10	0.96	5.7	<0.2	<10	2790	1.41	0.40	1.34	0.35	22.50	16.0	12
E842137	0.38	0.025	0.53	0.81	8.8	<0.2	<10	2610	1.42	4.31	1.25	0.17	29.00	14.6	13
E842138	0.46	0.028	0.08	0.41	5.0	<0.2	<10	1900	1.02	0.53	0.15	0.06	59.00	9.1	16
E842139	0.42	0.012	0.07	0.68	5.8	<0.2	<10	1850	1.01	0.35	0.39	0.17	41.80	11.1	15
E842140	0.48	0.006	0.45	0.61	117.5	<0.2	<10	2930	0.98	11.30	2.36	0.78	36.10	24.9	10
E842141	0.42	0.006	0.06	0.95	6.6	<0.2	<10	3180	1.46	0.42	0.80	0.20	32.10	13.3	15
E842142	0.44	0.005	0.10	0.91	7.4	<0.2	<10	3310	1.35	0.45	0.74	0.24	31.30	11.1	16
E842143	0.58	0.010	0.06	0.52	6.3	<0.2	<10	1710	2.34	0.27	0.24	0.17	54.70	13.8	15
E842144	0.54	0.007	0.97	0.69	20.6	<0.2	<10	710	1.83	37.50	0.39	0.23	32.60	36.6	11
E842145	0.52	0.046	0.10	0.58	11.3	<0.2	<10	1120	1.90	0.99	0.75	0.16	50.00	26.3	15
E842146	0.32	0.024	0.15	0.50	4.7	<0.2	<10	930	0.89	0.78	2.18	0.21	18.90	16.0	8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840604	1.91	43.4	1.88	2.47	0.05	<0.02	0.06	0.037	0.05	16.0	2.2	0.07	794	2.02	<0.01
E840605	1.06	27.2	0.75	1.45	<0.05	<0.02	0.09	0.016	0.05	7.9	1.0	0.04	77	2.70	<0.01
E840606	5.41	110.5	6.05	4.07	0.08	0.13	0.15	0.208	0.08	17.2	16.7	0.27	2740	3.85	<0.01
E840607	1.49	69.5	3.98	3.30	0.06	0.04	0.06	0.083	0.07	12.5	5.8	0.29	2300	4.23	0.01
E840608	2.75	157.0	4.28	4.05	0.11	0.11	0.09	0.086	0.11	28.4	19.2	0.88	2700	3.35	0.01
E840609	2.69	107.0	7.56	3.95	0.11	0.12	0.42	0.247	0.09	18.5	13.7	0.29	8020	11.35	<0.01
E840610	0.81	52.1	2.03	1.37	<0.05	0.04	0.18	0.036	0.08	7.2	1.9	0.19	3020	5.62	0.01
E840611	0.55	39.1	1.19	1.22	<0.05	0.06	0.20	0.028	0.02	4.7	1.4	0.31	900	1.89	0.01
E840612	1.23	35.9	2.52	2.35	<0.05	0.02	0.18	0.029	0.07	9.6	3.4	0.14	850	5.19	<0.01
E840613	2.32	104.5	5.81	4.36	0.11	0.03	0.08	0.106	0.07	19.7	12.0	0.32	3380	13.20	<0.01
E840614	<0.05	0.5	0.02	<0.05	<0.05	<0.02	0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
E840615	1.71	141.0	5.52	4.04	0.13	0.05	0.07	0.066	0.08	36.7	21.3	0.53	2960	8.73	<0.01
E840616	2.52	121.5	8.62	6.94	0.25	0.04	0.08	0.083	0.10	75.4	21.3	0.35	767	14.60	0.03
E840617	2.54	92.9	5.22	5.99	0.15	0.04	0.05	0.048	0.12	48.5	27.0	0.44	606	6.45	<0.01
E840618	1.39	81.4	5.98	5.96	0.16	0.03	0.05	0.046	0.08	56.9	30.0	0.40	356	7.87	<0.01
E840619	1.89	89.1	5.80	6.39	0.17	0.05	0.06	0.051	0.09	58.5	26.0	0.38	357	8.01	0.02
E840620	2.94	339.0	19.35	7.23	0.21	0.05	0.05	0.185	0.07	57.0	18.1	0.30	232	12.65	<0.01
E840621	2.38	104.0	8.92	7.75	0.18	0.05	0.07	0.083	0.07	62.1	24.0	0.26	324	10.55	<0.01
E842125	4.46	255.0	4.30	2.75	0.13	0.09	0.06	0.085	0.11	29.9	14.5	0.39	1765	1.37	<0.01
E842126	6.62	436.0	4.45	3.17	0.11	0.05	0.12	0.196	0.10	17.6	13.4	0.31	3050	1.87	<0.01
E842127	2.92	42.2	3.87	4.24	0.07	0.05	0.11	0.147	0.10	16.7	11.6	0.22	1850	1.34	0.01
E842128	1.70	24.1	2.89	2.77	0.06	0.07	0.10	0.084	0.09	18.1	6.0	0.22	666	0.89	0.02
E842129	3.68	52.9	4.70	6.38	0.07	0.07	0.08	0.145	0.10	11.0	14.6	0.26	3820	1.08	0.01
E842130	2.88	99.9	4.46	3.69	0.10	0.13	0.11	0.199	0.10	19.8	10.0	0.35	1975	1.54	0.02
E842131	2.99	301.0	4.76	2.81	0.10	0.12	0.15	0.160	0.09	22.4	6.1	0.22	3350	2.90	0.01
E842132	6.15	60.6	3.67	1.93	0.05	0.02	0.05	0.076	0.08	5.9	3.6	0.08	2710	1.18	<0.01
E842133	10.45	18.0	3.77	4.44	0.06	<0.02	0.05	0.091	0.09	9.0	2.5	0.09	2270	1.41	<0.01
E842134	2.62	21.0	4.91	2.67	0.10	0.10	0.28	0.260	0.09	23.6	6.4	0.28	4220	1.13	0.03
E842135	3.33	30.4	3.67	3.36	0.10	0.09	0.07	0.122	0.06	19.4	10.7	0.39	1940	1.17	0.04
E842136	4.01	75.3	4.17	3.21	0.07	0.13	0.19	0.272	0.07	11.4	4.7	0.28	5230	1.11	0.05
E842137	2.79	175.0	3.35	2.43	0.08	0.10	0.25	0.157	0.08	16.2	5.5	0.31	2070	2.45	0.05
E842138	3.19	10.1	4.51	1.74	0.11	0.06	0.16	0.063	0.07	34.1	4.6	0.15	1120	1.39	0.02
E842139	10.05	12.8	3.97	2.27	0.09	0.08	0.22	0.187	0.07	22.1	5.5	0.23	3210	0.99	0.03
E842140	4.16	852.0	7.82	2.07	0.12	0.11	4.00	0.656	0.07	16.6	3.8	1.01	12000	1.97	0.06
E842141	2.58	14.2	3.15	2.81	0.07	0.12	0.14	0.163	0.09	15.3	6.0	0.29	3910	1.01	0.05
E842142	3.60	58.7	3.35	2.74	0.08	0.09	0.30	0.142	0.10	16.7	7.3	0.31	2650	0.93	0.06
E842143	5.66	21.4	4.68	1.78	0.10	0.08	0.78	0.160	0.07	30.2	4.1	0.15	2920	1.20	0.02
E842144	3.62	5600.0	4.87	2.35	0.08	0.09	0.13	0.225	0.07	16.0	3.5	0.16	10900	3.14	0.01
E842145	4.89	74.2	6.03	1.92	0.10	0.14	0.22	0.260	0.07	31.4	2.7	0.16	5970	2.04	0.01
E842146	2.51	27.0	2.49	1.65	<0.05	0.09	0.33	0.103	0.04	10.7	1.7	0.34	4080	1.25	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840604		0.16	15.1	1220	17.3	7.7	<0.001	0.07	2.90	0.9	0.4	0.2	3.6	<0.01	0.09	0.8
E840605		0.16	8.6	1010	6.9	3.7	<0.001	0.09	1.10	0.9	0.4	0.2	4.8	<0.01	0.05	0.4
E840606		0.25	29.8	1100	57.3	15.0	<0.001	0.10	3.19	2.1	1.0	0.3	3.7	<0.01	0.17	4.0
E840607		0.22	19.0	1700	46.4	11.9	<0.001	0.16	2.39	2.0	0.7	0.3	11.5	<0.01	0.13	0.9
E840608		0.16	33.2	630	43.1	12.8	<0.001	0.06	2.01	4.1	0.9	0.3	6.5	<0.01	0.10	5.7
E840609		0.11	41.6	2370	229.0	14.7	<0.001	0.15	6.12	2.4	2.4	0.4	10.5	0.01	0.51	1.7
E840610		0.12	14.2	1300	53.4	5.3	<0.001	0.18	2.25	1.2	0.9	<0.2	10.8	<0.01	0.20	1.0
E840611		0.22	13.3	1210	65.6	2.3	<0.001	0.24	2.30	0.8	1.2	<0.2	19.6	<0.01	0.08	0.4
E840612		0.28	15.2	1630	53.5	7.3	<0.001	0.16	2.46	0.9	0.8	0.3	7.5	<0.01	0.15	0.3
E840613		0.18	43.3	1440	204.0	12.2	<0.001	0.11	7.04	1.3	1.9	0.4	8.6	<0.01	0.39	0.8
E840614		<0.05	0.3	10	0.7	0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
E840615		0.26	45.2	870	93.1	9.4	<0.001	0.10	6.86	2.4	1.5	0.3	8.2	<0.01	0.23	10.1
E840616		0.17	21.6	1510	121.0	13.5	<0.001	0.26	13.65	2.6	2.2	0.4	15.9	<0.01	0.29	24.1
E840617		0.27	17.9	770	47.0	14.7	<0.001	0.16	6.79	3.1	1.2	0.3	15.0	<0.01	0.13	20.0
E840618		0.20	18.3	970	78.8	11.3	<0.001	0.14	11.35	1.9	1.4	0.3	7.8	<0.01	0.16	20.0
E840619		0.34	19.4	1020	72.1	12.9	<0.001	0.20	9.30	2.0	1.8	0.4	9.5	<0.01	0.19	16.4
E840620		0.20	12.0	2390	176.0	10.4	<0.001	0.28	12.60	3.6	3.9	0.6	6.9	<0.01	0.43	117.5
E840621		0.42	14.4	1530	119.5	13.6	<0.001	0.10	8.25	2.1	2.3	0.6	7.1	<0.01	0.30	27.2
E842125		0.20	24.7	480	14.1	11.3	<0.001	0.01	1.24	5.5	0.8	0.5	6.8	<0.01	0.12	9.0
E842126		0.37	53.1	770	48.3	13.3	<0.001	0.05	3.21	6.2	1.0	0.5	17.5	0.01	0.09	6.1
E842127		0.27	15.7	1510	14.4	16.2	<0.001	0.07	1.00	2.8	0.6	0.6	9.6	<0.01	0.08	1.6
E842128		0.30	10.7	1410	8.1	12.3	<0.001	0.08	1.45	2.6	0.5	0.4	11.5	<0.01	0.06	1.9
E842129		0.23	17.7	2470	19.6	19.7	<0.001	0.15	1.02	1.9	0.9	0.7	6.4	0.01	0.11	1.2
E842130		0.39	19.8	1880	15.0	14.9	<0.001	0.10	1.28	5.7	1.6	0.5	12.2	0.01	0.09	3.1
E842131		0.33	16.6	1460	10.9	13.2	<0.001	0.07	1.30	7.5	1.6	0.5	10.0	0.01	0.13	3.1
E842132		0.15	37.7	650	8.1	11.3	<0.001	0.01	1.62	5.3	0.5	0.3	7.2	<0.01	0.06	2.7
E842133		0.15	22.4	1040	16.1	20.5	<0.001	0.09	1.78	1.5	0.6	0.6	5.9	<0.01	0.09	0.2
E842134		0.37	17.6	1110	10.7	12.2	<0.001	0.07	1.25	6.6	1.1	0.4	21.3	0.01	0.09	4.8
E842135		0.64	22.8	610	11.6	9.0	<0.001	0.05	1.05	6.0	0.9	0.4	37.1	0.01	0.06	5.6
E842136		0.30	12.4	2650	12.7	14.3	<0.001	0.15	1.08	6.0	1.2	0.4	27.9	0.01	0.13	2.2
E842137		0.35	14.5	1640	8.5	12.2	<0.001	0.12	1.64	4.6	1.7	0.4	30.8	0.01	0.12	1.9
E842138		0.51	14.3	540	4.7	7.5	<0.001	0.04	1.66	4.3	0.5	0.9	33.4	<0.01	0.13	9.0
E842139		0.30	14.6	910	11.1	12.1	<0.001	0.06	1.04	4.5	0.9	0.4	20.7	0.01	0.09	3.3
E842140		0.27	23.7	930	19.0	8.6	<0.001	0.09	33.60	6.5	1.5	0.3	36.0	0.01	0.13	2.4
E842141		0.31	17.7	1430	10.1	11.9	<0.001	0.10	0.81	4.3	1.0	0.3	37.5	0.01	0.06	3.3
E842142		0.30	17.7	1500	11.0	12.5	<0.001	0.12	1.25	3.9	1.1	0.4	56.9	0.01	0.08	2.9
E842143		0.45	18.8	680	6.7	8.8	<0.001	0.03	1.35	7.7	0.8	0.5	31.2	0.01	0.18	8.3
E842144		0.31	23.2	1460	10.9	9.2	<0.001	0.03	4.14	8.6	1.4	0.3	12.3	0.01	0.16	4.6
E842145		0.48	13.5	1380	7.0	10.3	<0.001	0.08	2.11	6.9	1.2	0.6	11.4	0.01	0.16	2.4
E842146		0.39	7.5	1830	8.3	7.1	<0.001	0.20	0.98	3.4	1.2	0.3	20.4	0.01	0.09	1.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840604		0.005	0.15	0.69	12	0.18	1.88	129	<0.5
E840605		0.006	0.12	0.61	10	0.07	1.08	47	<0.5
E840606		0.005	0.30	1.54	17	0.08	6.00	391	3.4
E840607		0.011	0.21	1.06	18	0.10	5.42	204	0.9
E840608		0.013	0.19	1.88	19	0.22	13.60	435	2.5
E840609		0.006	0.66	3.68	16	0.15	27.00	1435	2.7
E840610		0.005	0.29	0.76	6	0.05	3.97	290	1.2
E840611		0.009	0.20	0.57	5	<0.05	6.81	603	2.0
E840612		0.009	0.25	1.05	15	0.13	3.59	154	<0.5
E840613		0.012	0.56	2.08	25	0.17	12.55	895	0.5
E840614		<0.005	<0.02	0.09	<1	<0.05	0.65	3	<0.5
E840615		0.011	0.60	2.51	15	0.26	8.36	465	1.5
E840616		0.005	0.59	4.06	20	0.11	12.00	119	1.3
E840617		0.013	0.28	3.52	24	0.32	7.20	84	1.6
E840618		0.008	0.18	4.27	20	0.15	6.52	101	0.8
E840619		0.013	0.23	4.17	25	0.20	7.41	91	1.0
E840620		0.007	0.27	6.20	25	0.15	6.96	82	2.6
E840621		0.011	0.21	3.62	32	0.27	6.46	107	1.2
E842125		0.019	0.17	1.45	18	0.19	20.00	49	3.1
E842126		0.020	0.49	2.97	25	0.17	24.00	75	0.7
E842127		0.012	0.18	1.67	30	0.28	10.60	56	0.9
E842128		0.017	0.08	1.61	23	0.32	9.59	34	1.3
E842129		0.010	0.19	1.28	31	0.30	8.23	60	1.1
E842130		0.017	0.23	1.99	27	0.45	36.50	51	2.2
E842131		0.019	0.13	2.08	26	0.72	29.30	45	2.2
E842132		0.009	0.15	1.96	17	0.10	10.35	38	<0.5
E842133		0.011	0.22	1.77	39	0.18	4.56	40	<0.5
E842134		0.019	0.11	2.87	23	0.46	22.20	50	2.1
E842135		0.036	0.10	1.60	34	0.34	21.80	62	2.0
E842136		0.013	0.12	1.74	22	0.39	27.60	65	2.5
E842137		0.013	0.09	3.39	21	0.57	21.60	33	1.8
E842138		0.027	0.07	2.27	26	1.94	10.55	19	1.8
E842139		0.019	0.11	1.70	24	0.47	19.65	58	2.3
E842140		0.013	0.18	4.88	20	0.58	33.70	95	2.6
E842141		0.014	0.10	1.25	26	0.15	20.50	50	2.6
E842142		0.020	0.12	2.72	27	0.34	20.80	54	1.9
E842143		0.021	0.09	2.48	25	0.85	20.70	41	2.1
E842144		0.018	0.09	16.70	21	0.25	34.20	66	2.3
E842145		0.023	0.06	3.46	24	1.81	38.40	36	3.1
E842146		0.013	0.06	2.11	15	0.66	17.00	30	2.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842147	0.42	0.006	0.08	1.29	9.9	<0.2	<10	430	1.06	0.30	0.48	0.19	31.80	15.0	22
E842148	0.38	0.007	0.06	0.89	6.6	<0.2	<10	1500	0.83	0.22	0.81	0.14	24.30	8.6	15
E842149	0.48	<0.005	0.12	1.06	9.8	<0.2	<10	1880	0.79	0.60	0.42	0.24	40.20	14.4	19
E842150	0.44	0.018	0.20	0.85	12.5	<0.2	<10	650	1.28	1.14	0.57	0.13	47.20	25.3	13
E842646	0.38	<0.005	2.82	0.07	51	<0.2	<10	60	0.37	1.02	14.50	0.21	10.95	16.2	<1
E842647	0.28	0.007	0.92	0.27	65	<0.2	<10	380	0.78	0.82	11.85	0.14	27.30	16.6	5
E842648	0.26	0.014	1.56	0.36	67.2	<0.2	<10	110	1.40	0.36	8.40	0.23	42.20	15.3	6
E842649	0.16	0.009	0.83	0.42	39.6	<0.2	10	160	1.26	0.32	6.37	0.37	32.00	10.1	6
E842650	0.34	0.016	1.99	0.24	146	<0.2	10	100	1.09	0.49	11.55	0.26	25.80	23.6	4
E842651	0.34	0.026	2.38	0.35	141.0	<0.2	<10	110	1.31	0.56	5.89	0.30	44.60	17.8	6
E842652	0.28	<0.005	0.70	0.42	44.6	<0.2	10	110	1.43	0.36	8.25	0.33	40.10	10.5	7
E842653	0.38	0.013	0.73	0.64	31.0	<0.2	<10	1160	2.34	2.48	1.27	0.37	52.60	55.3	9
E842654	0.30	0.017	0.69	0.56	30.7	<0.2	10	900	1.98	2.61	1.59	0.23	50.20	45.8	8
E842655	0.26	<0.005	1.13	0.35	68.6	<0.2	10	210	1.22	1.75	6.18	0.12	27.20	33.2	5
E842656	0.38	<0.005	0.66	0.21	50	<0.2	20	180	0.74	1.25	11.25	0.06	20.20	17.5	4
E842657	0.38	<0.005	1.34	0.15	110	<0.2	10	160	0.64	3.05	10.20	0.07	15.50	25.3	2
E842658	0.56	<0.005	3.20	0.11	221	<0.2	10	50	0.49	7.86	13.15	0.29	8.89	44.0	1
E842659	0.30	<0.005	0.34	0.44	22.8	<0.2	10	260	1.20	0.93	4.69	0.17	35.50	15.7	8
E842660	0.72	0.015	0.55	0.74	36.4	<0.2	<10	780	2.61	2.72	0.48	0.23	55.90	37.3	10
E842661	0.42	0.748	2.61	0.88	50.4	0.4	<10	1150	2.52	10.65	0.83	0.37	50.50	85.1	11
E842662	0.32	0.006	1.62	0.35	97	<0.2	10	160	1.02	2.26	10.10	0.17	31.90	17.0	8
E842663	0.28	0.020	0.98	0.28	55	<0.2	10	210	1.25	1.29	10.30	0.13	36.70	25.5	5
E842664	0.26	0.032	3.64	0.37	93.0	<0.2	10	990	1.65	0.80	7.37	0.15	35.10	42.0	5
E842665	0.26	0.005	0.45	0.92	15.6	<0.2	<10	180	1.49	0.63	0.53	0.21	42.00	11.6	16
E842666	0.26	0.005	0.33	0.77	14.3	<0.2	<10	200	1.33	0.90	0.89	0.21	39.20	12.7	15
E842667	0.20	0.005	0.31	0.77	14.3	<0.2	<10	250	1.37	0.84	0.59	0.24	41.30	13.3	14
E842668	0.36	<0.005	0.24	0.68	12.3	<0.2	10	260	1.16	0.73	2.39	0.24	42.10	12.9	11
E842669	0.44	0.008	0.24	0.66	16.3	<0.2	<10	310	1.14	0.88	2.52	0.21	42.20	14.0	11
E842670	0.18	0.027	1.05	0.26	34	<0.2	<10	190	0.67	1.10	14.60	0.13	16.80	13.5	3
E842671	0.24	0.018	0.37	0.89	20.9	<0.2	<10	320	1.98	1.23	0.48	0.28	45.20	27.4	13
E842672	0.28	<0.005	1.18	1.01	73.4	<0.2	<10	290	2.74	2.45	0.29	0.25	42.80	81.7	14
E842673	0.30	<0.005	0.58	0.67	19.5	<0.2	10	200	1.48	0.74	4.84	0.15	48.00	26.4	9
E842674	0.48	<0.005	0.19	0.51	8.4	<0.2	10	250	1.44	0.39	8.29	0.13	37.50	16.3	7
E842675	0.70	0.007	1.06	0.11	45	<0.2	<10	330	0.40	3.51	16.25	0.30	11.85	34.8	1
E842676	0.30	0.021	1.01	0.52	56.7	<0.2	<10	2230	1.67	5.28	1.32	0.59	39.50	133.5	8
E842677	0.48	0.009	0.58	0.55	31.9	<0.2	<10	1440	2.51	2.54	0.70	0.25	49.00	35.1	8
E842678	0.48	0.010	0.82	0.60	36.8	<0.2	<10	660	2.20	2.91	0.52	0.23	53.20	30.5	9
E842679	0.40	<0.005	1.55	0.17	90	<0.2	<10	200	0.53	4.92	10.45	0.18	12.10	27.7	3
E842680	0.26	<0.005	1.84	0.15	106	<0.2	<10	180	0.58	5.14	10.40	0.20	13.45	32.9	3
E842681	0.04	<0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.19	0.1	<1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07099364

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842147	3.42	40.1	3.63	3.69	0.07	0.08	0.07	0.079	0.07	16.6	10.3	0.40	1690	1.08	0.01
E842148	2.57	18.4	2.68	2.52	0.05	0.09	0.08	0.064	0.08	12.8	6.3	0.31	1285	0.74	0.02
E842149	1.24	28.6	3.47	3.31	0.08	0.07	0.11	0.088	0.07	20.1	10.8	0.43	2140	1.23	0.01
E842150	5.14	251.0	3.74	2.59	0.09	0.08	0.31	0.127	0.12	25.2	7.0	0.31	4030	0.98	0.01
E842646	0.34	40.8	11.90	0.29	0.11	0.04	0.19	0.347	0.02	5.0	1.6	8.31	3330	1.28	0.03
E842647	1.40	61.0	6.19	0.74	0.09	0.04	0.48	0.217	0.05	14.3	3.8	6.75	3490	2.52	0.02
E842648	3.08	70.2	7.00	1.00	0.11	0.06	0.69	0.289	0.09	24.5	3.5	4.59	4480	4.13	0.02
E842649	1.17	42.3	7.77	1.19	0.11	0.04	0.29	0.330	0.04	15.1	2.9	3.19	6310	1.76	0.02
E842650	4.24	173.0	6.75	0.64	0.12	0.06	0.80	0.184	0.09	13.2	2.2	5.85	4030	7.70	0.02
E842651	4.39	93.7	9.52	1.04	0.15	0.07	0.44	0.260	0.11	24.7	2.7	3.14	4340	6.02	0.02
E842652	1.95	45.1	6.95	1.17	0.10	0.06	0.26	0.286	0.07	20.8	4.2	4.55	5860	2.53	0.02
E842653	4.50	521.0	6.79	1.95	0.13	0.12	0.43	0.397	0.09	29.0	5.8	0.70	7170	5.35	0.02
E842654	4.80	352.0	5.74	1.71	0.11	0.12	0.34	0.283	0.10	28.6	5.8	0.87	5290	4.72	0.01
E842655	2.97	114.0	4.92	1.00	0.08	0.05	0.26	0.088	0.10	13.7	5.8	3.65	1590	0.93	0.01
E842656	1.34	268.0	2.86	0.62	0.07	0.04	0.11	0.078	0.07	10.1	6.2	6.68	2060	2.77	0.02
E842657	1.39	226.0	4.15	0.41	0.06	0.06	0.16	0.106	0.05	7.2	3.4	6.04	1790	1.64	0.02
E842658	1.49	158.5	9.49	0.35	0.09	0.12	0.28	0.283	0.03	3.6	2.0	7.58	2630	3.10	0.03
E842659	1.47	53.2	3.90	1.38	0.08	0.10	0.11	0.137	0.10	17.3	7.7	2.75	3310	0.75	0.02
E842660	4.55	355.0	6.11	2.15	0.12	0.11	0.25	0.302	0.10	31.7	6.4	0.33	5170	4.16	0.01
E842661	4.41	480.0	8.27	2.73	0.13	0.15	0.54	0.510	0.10	27.3	6.7	0.52	7830	23.10	0.02
E842662	1.76	85.5	7.14	1.06	0.10	0.04	0.57	0.196	0.07	16.9	4.7	5.69	3660	3.23	0.02
E842663	3.33	75.6	3.99	0.74	0.07	0.03	0.47	0.138	0.09	21.0	2.4	5.54	2900	9.07	0.02
E842664	2.56	131.5	5.97	0.99	0.10	0.16	0.50	0.227	0.11	20.4	2.8	3.82	3150	12.55	0.02
E842665	1.58	40.0	4.21	2.44	0.11	0.06	0.16	0.121	0.05	27.9	8.6	0.39	2740	1.63	0.01
E842666	2.14	51.1	3.62	2.25	0.08	0.06	0.16	0.101	0.07	20.9	8.8	0.53	2200	1.37	0.01
E842667	1.63	48.5	3.95	2.22	0.09	0.07	0.11	0.110	0.08	22.0	8.8	0.35	2670	1.26	0.01
E842668	1.30	40.8	3.60	1.97	0.09	0.06	0.13	0.096	0.08	21.7	8.5	1.44	2760	1.14	0.02
E842669	1.36	47.6	3.55	1.85	0.07	0.06	0.15	0.095	0.08	21.2	9.0	1.56	2340	1.42	0.01
E842670	0.97	46.5	5.80	0.74	0.08	0.04	0.21	0.281	0.04	7.8	3.9	8.55	3400	1.38	0.03
E842671	3.59	93.5	5.16	2.49	0.09	0.08	0.10	0.134	0.11	23.3	10.9	0.40	3680	0.91	0.01
E842672	6.82	381.0	6.96	3.10	0.11	0.14	0.09	0.365	0.11	19.7	11.0	0.46	5050	2.06	0.01
E842673	2.83	71.3	3.98	2.10	0.09	0.05	0.09	0.109	0.13	23.9	11.0	2.97	3010	0.98	0.02
E842674	2.08	37.7	2.97	1.66	0.07	0.05	0.04	0.064	0.11	18.9	11.1	4.89	2990	0.49	0.02
E842675	0.50	196.0	5.35	0.32	<0.05	0.03	0.15	0.302	0.02	5.2	2.3	9.59	2940	1.55	0.03
E842676	1.72	992.0	7.89	1.52	0.07	0.11	0.46	0.523	0.08	19.6	4.2	0.60	7130	3.36	0.04
E842677	3.27	304.0	5.93	1.49	0.09	0.14	0.25	0.309	0.08	24.1	5.1	0.33	5640	3.89	0.03
E842678	4.35	315.0	6.31	1.76	0.10	0.09	0.24	0.305	0.08	27.0	5.7	0.37	4690	4.07	0.02
E842679	1.27	98.9	7.19	0.48	<0.05	0.04	0.17	0.456	0.03	5.6	2.2	6.11	3270	1.46	0.02
E842680	1.35	105.0	7.01	0.42	<0.05	0.04	0.20	0.307	0.03	6.3	2.2	6.13	2890	1.74	0.02
E842681	<0.05	0.6	0.02	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842147		0.40	26.6	1140	11.8	12.2	<0.001	0.06	0.86	3.5	0.9	0.4	13.4	0.01	0.06	2.7
E842148		0.35	12.0	1640	8.3	11.2	<0.001	0.10	0.76	2.6	0.7	0.3	20.6	0.01	0.06	2.9
E842149		0.34	21.4	790	13.3	9.9	<0.001	0.05	1.26	3.4	0.7	0.4	18.2	<0.01	0.05	3.3
E842150		0.24	34.7	1000	7.9	13.1	<0.001	0.06	2.92	5.7	1.3	0.3	25.0	0.01	0.10	4.8
E842646		0.06	17.5	210	249.0	0.9	<0.001	0.37	4.89	1.6	0.8	<0.2	32.1	<0.01	0.03	1.2
E842647		0.12	38.6	920	88.0	3.8	<0.001	0.09	3.54	4.0	1.4	<0.2	30.6	<0.01	0.09	3.1
E842648		0.08	53.7	1330	103.5	6.4	<0.001	0.07	3.68	7.5	2.7	<0.2	18.8	0.01	0.17	2.6
E842649		0.11	33.8	1180	63.8	4.7	<0.001	0.16	1.93	3.1	2.1	<0.2	13.7	0.01	0.11	0.5
E842650		0.06	120.0	1320	126.5	5.2	0.002	0.22	4.77	7.8	5.6	<0.2	26.5	<0.01	0.16	2.4
E842651		0.10	104.0	1320	120.5	7.3	<0.001	0.22	6.35	9.5	4.2	0.2	18.3	0.01	0.17	3.4
E842652		0.12	39.8	1050	59.8	5.8	<0.001	0.09	2.18	6.5	2.0	<0.2	19.5	0.01	0.11	1.6
E842653		0.19	32.2	1130	40.3	11.6	<0.001	0.13	2.13	10.7	2.1	0.3	11.3	0.01	0.13	3.3
E842654		0.17	30.3	940	39.6	10.8	<0.001	0.11	2.81	8.9	1.7	0.3	12.0	0.01	0.14	4.0
E842655		0.10	29.1	430	65.4	7.5	<0.001	0.17	3.56	5.5	0.8	0.2	18.8	<0.01	0.04	3.8
E842656		0.08	10.5	340	21.9	4.2	<0.001	0.14	1.93	4.2	0.6	<0.2	22.4	<0.01	0.04	2.6
E842657		0.06	21.2	300	69.6	3.1	<0.001	0.35	3.54	4.1	0.8	<0.2	21.5	<0.01	0.03	2.4
E842658		<0.05	39.6	210	191.0	2.1	0.001	1.47	7.77	3.1	1.0	<0.2	33.5	<0.01	0.04	1.8
E842659		0.13	15.0	660	21.1	8.1	<0.001	0.11	1.50	6.6	0.9	0.2	12.9	<0.01	0.04	2.2
E842660		0.23	33.2	990	42.6	11.0	<0.001	0.07	2.47	9.7	1.7	0.3	9.3	0.01	0.13	4.1
E842661		0.21	35.5	1370	88.4	12.7	0.002	0.13	2.54	10.6	3.2	0.3	13.2	0.01	0.97	4.1
E842662		0.11	51.1	1010	79.8	5.1	<0.001	0.12	4.19	5.1	2.3	<0.2	23.3	0.01	0.14	2.5
E842663		0.06	47.5	1240	62.4	5.4	0.001	0.13	3.77	4.4	2.2	<0.2	38.3	<0.01	0.13	3.0
E842664		0.08	95.0	1740	190.5	7.0	0.001	0.19	6.33	5.4	4.0	0.2	44.4	<0.01	0.17	3.0
E842665		0.32	23.7	590	69.3	7.4	<0.001	0.03	1.32	5.9	1.3	0.3	9.0	0.01	0.05	3.0
E842666		0.29	20.6	760	43.6	7.8	<0.001	0.04	1.43	5.4	1.3	0.3	8.9	<0.01	0.06	2.4
E842667		0.24	20.9	890	40.4	8.1	<0.001	0.05	1.26	5.1	1.5	0.3	7.4	<0.01	0.07	2.1
E842668		0.20	18.8	810	35.6	7.7	<0.001	0.04	1.09	4.5	1.3	0.3	9.6	<0.01	0.06	2.2
E842669		0.22	21.6	810	36.3	7.1	<0.001	0.03	1.33	4.4	1.3	0.3	10.5	<0.01	0.06	3.0
E842670		0.13	21.1	440	71.6	3.3	<0.001	0.07	2.24	2.8	1.1	<0.2	29.1	<0.01	0.05	2.1
E842671		0.23	22.6	850	19.2	13.4	<0.001	0.04	2.01	6.7	1.1	0.3	8.3	0.01	0.05	2.6
E842672		0.20	48.3	740	23.7	17.5	<0.001	0.03	7.93	9.3	1.7	0.3	10.3	0.01	0.08	5.0
E842673		0.16	20.7	570	18.9	12.7	<0.001	0.03	4.13	6.0	1.0	0.2	20.6	<0.01	0.06	3.4
E842674		0.11	12.0	480	16.2	9.7	<0.001	0.03	1.29	4.6	0.7	0.2	26.8	<0.01	0.05	2.9
E842675		0.05	11.6	250	85.5	1.5	<0.001	0.18	1.31	1.5	0.9	<0.2	37.3	<0.01	0.04	1.4
E842676		0.20	30.9	1160	153.5	8.8	<0.001	0.10	2.29	8.0	2.3	0.3	23.1	0.01	0.17	5.4
E842677		0.17	28.4	990	35.6	10.3	<0.001	0.05	2.29	8.0	1.6	0.3	10.2	0.01	0.15	3.3
E842678		0.27	31.8	960	44.9	10.5	0.001	0.04	2.22	10.3	1.6	0.3	10.3	0.01	0.16	5.4
E842679		0.08	25.4	300	75.7	3.1	<0.001	0.29	3.38	3.9	0.8	<0.2	27.2	<0.01	0.05	1.7
E842680		0.07	29.0	270	94.4	3.3	<0.001	0.34	4.05	3.9	0.9	<0.2	25.0	<0.01	0.05	2.0
E842681		<0.05	0.4	10	0.7	0.1	<0.001	<0.01	<0.05	<0.1	<0.2	<0.2	0.6	<0.01	0.01	0.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842147		0.024	0.09	1.35	39	0.30	21.60	65	1.6
E842148		0.016	0.07	1.00	26	0.19	13.20	38	1.9
E842149		0.024	0.16	2.35	35	0.28	15.55	60	1.6
E842150		0.010	0.25	1.35	25	0.21	37.80	36	2.2
E842646		<0.005	2.21	0.58	11	<0.05	12.30	64	1.5
E842647		0.005	3.90	0.99	23	0.09	19.65	54	1.6
E842648		<0.005	5.73	0.95	29	0.07	29.70	73	1.3
E842649		0.006	2.63	0.70	30	0.07	31.00	94	0.8
E842650		<0.005	7.79	1.37	27	0.06	25.50	80	1.8
E842651		0.006	8.01	0.92	37	0.07	35.80	85	1.6
E842652		0.007	2.32	0.68	35	0.06	34.50	83	1.2
E842653		0.011	1.35	2.87	29	0.17	44.70	100	2.8
E842654		0.009	1.04	2.38	22	0.20	35.90	80	3.3
E842655		<0.005	0.17	1.52	10	0.07	16.35	51	2.5
E842656		<0.005	0.09	0.60	8	0.06	12.55	30	2.4
E842657		<0.005	0.40	0.93	9	0.05	11.60	37	3.5
E842658		<0.005	3.01	1.39	15	<0.05	10.70	87	4.9
E842659		0.006	0.15	0.84	14	0.07	23.50	51	3.0
E842660		0.015	0.97	2.27	28	0.18	42.20	81	2.6
E842661		0.013	1.24	12.30	35	0.27	49.20	118	3.1
E842662		0.005	8.71	1.12	55	0.07	26.10	63	1.2
E842663		<0.005	1.44	1.79	20	0.05	18.05	61	1.1
E842664		<0.005	0.87	2.12	23	0.05	23.60	86	4.9
E842665		0.017	0.17	0.86	32	0.19	32.90	62	1.1
E842666		0.016	0.23	0.78	26	0.18	21.20	66	1.6
E842667		0.014	0.21	1.05	26	0.16	23.20	68	1.7
E842668		0.012	0.17	0.76	22	0.15	21.00	65	1.3
E842669		0.013	0.25	0.90	22	0.18	18.55	58	1.2
E842670		0.005	2.58	0.73	18	0.06	15.75	37	1.0
E842671		0.013	0.21	0.98	23	0.14	26.20	70	1.8
E842672		0.012	0.43	2.97	21	0.11	38.80	67	3.7
E842673		0.011	0.14	1.23	15	0.06	19.40	64	1.5
E842674		0.006	0.10	1.07	12	0.06	15.05	56	1.4
E842675		<0.005	0.80	1.36	7	0.06	13.65	102	1.7
E842676		0.010	1.08	2.43	22	0.26	36.70	177	3.7
E842677		0.008	0.97	2.39	21	0.13	39.40	64	4.6
E842678		0.015	0.93	1.98	27	0.16	39.90	79	3.2
E842679		<0.005	1.72	0.97	14	0.05	14.00	58	1.5
E842680		<0.005	1.38	1.00	11	<0.05	14.75	59	1.6
E842681		<0.005	<0.02	0.12	<1	<0.05	0.62	2	0.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E842682		0.22	<0.005	1.61	0.35	117.5	<0.2	10	280	1.38	2.02	3.20	0.25	33.80	38.9	6
E842683		0.52	0.007	0.78	0.66	38.3	<0.2	<10	290	2.77	2.41	0.64	0.22	45.00	29.1	9
E842684		0.46	0.007	0.72	0.59	56.1	<0.2	<10	340	2.42	4.99	0.59	0.17	42.90	35.3	9
E842685		0.68	0.049	0.73	0.68	29.8	<0.2	<10	1610	2.49	4.44	0.58	0.35	41.70	40.6	9
E842686		0.22	0.008	0.36	0.48	32.3	<0.2	<10	1180	1.43	2.25	4.70	1.38	36.90	76.0	6
E842687		0.60	0.010	0.26	0.97	29.6	<0.2	<10	390	2.35	4.82	0.47	0.17	37.80	26.6	11
E842688		0.42	0.009	0.49	0.85	29.6	<0.2	<10	400	2.09	4.79	0.83	0.23	55.50	29.3	9
E842689		0.54	0.006	0.57	0.77	43.5	<0.2	<10	340	2.27	3.13	0.35	0.18	40.00	26.8	11
E842690		0.40	0.009	0.23	0.65	11.2	<0.2	10	90	1.72	0.40	1.32	0.12	47.60	12.0	12
E842691		0.22	<0.005	0.59	0.77	29.9	<0.2	10	240	1.90	2.22	1.10	0.18	40.70	18.1	11
E842692		0.68	0.006	0.60	0.27	74.1	<0.2	<10	160	1.68	3.40	1.12	0.07	36.90	25.7	3
E842693		0.60	0.009	1.03	0.45	110.0	<0.2	<10	240	2.14	6.37	0.43	0.18	35.30	33.2	5
E842694		0.40	0.008	1.42	0.61	124.0	<0.2	<10	160	1.94	7.99	0.34	0.18	33.50	31.7	6
E842695		0.32	<0.005	1.08	0.36	95.9	<0.2	<10	240	1.25	4.33	7.22	0.17	27.60	26.0	6
E842696		0.58	<0.005	1.41	0.42	91.5	<0.2	10	210	1.57	8.29	4.83	0.33	37.70	34.8	7
E842697		0.70	0.005	0.53	0.32	37	<0.2	<10	520	1.04	2.67	10.80	0.22	26.10	25.1	4
E842698		0.78	<0.005	0.57	0.32	33	<0.2	<10	490	0.97	2.89	11.30	0.21	23.90	23.5	4
E842699		0.30	0.015	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842700		0.24	0.044	0.53	2.56	112.5	<0.2	<10	600	1.38	2.65	0.42	0.18	51.30	82.9	31
E842701		0.32	0.046	0.13	3.25	128.0	<0.2	<10	400	1.88	1.22	0.27	0.08	67.10	130.5	31
E842702		0.34	0.017	0.40	1.19	75.6	<0.2	<10	1140	1.24	1.55	0.65	0.08	60.00	76.8	15
E842703		0.32	0.015	0.24	1.76	25.3	<0.2	<10	960	3.21	0.95	0.37	0.12	58.00	63.7	16
E842704		0.32	0.010	0.17	1.60	22.8	<0.2	<10	830	1.80	0.98	0.37	0.07	74.70	47.4	20
E842705		0.28	0.022	0.23	1.20	13.1	<0.2	<10	280	1.43	0.87	0.26	0.06	78.60	34.4	17
E842706		0.38	0.008	0.15	1.52	14.2	<0.2	<10	360	1.44	0.97	0.24	0.08	64.00	34.9	19
E842707		0.24	0.005	0.13	0.87	14.0	<0.2	<10	310	0.84	1.07	0.12	0.09	48.20	29.3	12
E842708		0.30	0.044	0.11	0.65	14.5	<0.2	<10	530	1.51	0.74	0.25	0.05	70.10	35.8	12
E842709		0.32	0.029	0.07	0.89	18.1	<0.2	<10	960	1.07	0.65	0.25	0.05	72.80	36.7	12
E842710		0.24	0.016	0.14	1.37	46.2	<0.2	<10	1540	1.07	1.44	0.57	0.17	33.20	40.0	16
E842711		0.28	0.012	0.13	1.65	38.5	<0.2	<10	1610	0.62	0.52	0.50	0.08	46.10	65.5	29
E842712		0.32	0.024	0.06	0.47	11.2	<0.2	<10	590	0.20	1.04	0.06	0.03	64.80	6.8	12
E842713		0.22	0.006	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842714		0.40	0.115	0.35	1.24	21.0	<0.2	<10	540	0.98	0.81	0.81	0.19	62.60	60.8	18
E842715		0.66	0.005	0.10	1.95	363.0	<0.2	<10	180	1.10	0.48	0.11	0.07	72.90	281.0	30
E842716		0.30	0.007	0.05	1.73	116.0	<0.2	<10	70	0.81	0.49	0.13	0.09	48.30	84.5	27
E842717		0.18	<0.005	0.08	3.70	16.2	<0.2	<10	100	1.05	0.21	0.29	0.06	45.60	46.7	18
E842718		0.26	0.015	0.95	0.88	165.0	<0.2	<10	120	1.41	6.85	0.91	0.39	55.10	48.7	6
E842719		0.18	0.012	0.95	0.88	163.5	<0.2	<10	120	1.33	6.69	1.04	0.43	55.50	48.6	6
E842720		0.30	0.007	0.33	1.47	277.0	<0.2	<10	120	1.46	4.56	0.31	0.19	70.20	77.0	14
E842721		0.32	<0.005	0.95	1.35	36.2	<0.2	<10	90	1.56	0.94	0.09	1.14	63.80	22.2	15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842682		1.99	149.5	6.95	1.00	0.06	0.08	0.31	0.143	0.07	15.9	5.2	1.85	2440	1.03	0.01
E842683		3.09	203.0	5.69	1.33	0.10	0.11	0.25	0.229	0.06	25.1	5.1	0.26	3260	2.58	0.01
E842684		2.98	311.0	5.79	1.52	0.09	0.10	0.26	0.219	0.07	23.4	5.8	0.28	2560	3.69	0.01
E842685		3.09	359.0	10.55	1.83	0.12	0.14	0.29	0.725	0.07	22.3	4.6	0.32	10050	2.93	0.03
E842686		0.65	468.0	9.77	1.22	0.07	0.07	0.24	0.746	0.04	16.6	2.7	2.30	10800	1.64	0.04
E842687		4.56	246.0	6.22	2.37	0.07	0.08	0.13	0.291	0.08	16.9	7.7	0.22	3060	3.24	0.01
E842688		2.96	153.5	6.27	2.14	0.09	0.07	0.14	0.397	0.07	26.1	5.4	0.31	4120	4.68	0.02
E842689		2.99	172.5	5.82	2.14	0.09	0.07	0.27	0.251	0.08	21.9	6.4	0.24	2360	2.83	0.01
E842690		1.20	22.1	4.13	2.17	0.08	0.10	0.09	0.130	0.09	23.3	12.4	0.87	1865	0.56	0.01
E842691		1.47	71.7	5.10	2.20	0.07	0.09	0.12	0.193	0.09	20.8	9.1	0.60	2050	1.03	0.01
E842692		1.88	248.0	3.84	0.89	0.06	0.07	0.11	0.295	0.08	15.9	2.3	0.59	1880	3.73	0.01
E842693		2.36	388.0	5.07	1.33	0.07	0.06	0.18	0.535	0.09	15.0	4.0	0.27	3400	4.53	0.01
E842694		2.19	366.0	5.52	1.80	0.07	0.09	0.15	0.612	0.09	14.1	5.3	0.23	2810	4.34	0.01
E842695		1.30	157.0	6.96	0.94	0.06	0.07	0.33	0.328	0.05	13.6	2.3	3.94	3360	2.57	0.02
E842696		3.13	221.0	5.96	1.12	0.07	0.07	0.36	0.266	0.07	19.4	5.0	2.68	2390	2.85	0.02
E842697		1.33	124.5	5.74	0.87	0.06	0.07	0.14	0.378	0.05	12.7	4.2	6.26	4360	1.62	0.03
E842698		1.35	130.5	5.70	0.84	0.06	0.07	0.16	0.388	0.05	11.0	4.0	6.59	4330	1.67	0.03
E842699		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842700		3.75	265.0	6.10	8.19	0.09	0.09	0.08	0.138	0.19	26.5	39.5	2.03	3840	4.77	0.02
E842701		8.07	185.0	5.96	8.83	0.11	0.07	0.04	0.106	0.18	35.3	60.3	3.33	1855	3.68	0.01
E842702		3.09	472.0	5.54	4.56	0.09	0.11	0.05	0.138	0.20	31.5	19.5	1.09	4390	8.46	0.02
E842703		11.45	84.9	5.29	5.30	0.10	0.20	0.07	0.200	0.20	29.7	34.9	1.41	4870	5.22	0.02
E842704		5.30	156.5	5.07	5.86	0.10	0.08	0.08	0.127	0.22	39.6	29.3	1.59	3180	6.33	0.02
E842705		5.00	61.8	4.71	4.43	0.11	0.10	0.04	0.103	0.22	42.1	22.7	1.12	2200	3.34	0.01
E842706		5.44	58.4	4.57	5.80	0.10	0.04	0.03	0.108	0.21	33.8	29.1	1.37	1980	3.42	0.01
E842707		2.60	55.3	3.32	3.43	0.06	<0.02	0.04	0.062	0.24	25.5	13.7	0.55	1575	2.44	0.01
E842708		3.12	97.4	4.24	2.21	0.08	0.08	0.03	0.113	0.19	37.9	11.5	0.41	4000	3.34	0.01
E842709		1.92	57.7	4.17	3.06	0.08	0.11	0.02	0.131	0.15	38.4	13.8	0.67	2590	2.61	0.02
E842710		2.41	254.0	3.60	4.74	0.05	0.06	0.09	0.120	0.20	18.9	21.3	0.73	2010	2.26	0.03
E842711		3.43	351.0	4.47	5.43	0.12	0.05	0.02	0.058	0.26	24.5	25.3	1.58	1360	3.01	0.03
E842712		2.52	11.7	3.42	3.98	0.07	<0.02	0.02	0.021	0.15	37.5	5.1	0.13	443	3.06	0.01
E842713		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842714		2.97	2240.0	6.64	4.48	0.09	0.12	0.08	0.245	0.17	33.4	19.2	0.76	7990	25.40	0.02
E842715		3.06	623.0	4.89	5.81	0.10	0.06	0.02	0.082	0.06	34.7	34.6	0.82	1420	5.02	0.01
E842716		3.22	386.0	4.29	5.38	0.09	0.03	0.02	0.039	0.07	24.0	30.5	0.84	685	4.95	0.01
E842717		8.43	144.0	8.65	18.90	0.17	0.03	0.03	0.046	0.28	21.7	58.4	3.75	830	2.83	0.01
E842718		1.59	184.5	7.88	2.20	0.10	0.34	0.08	0.209	0.16	27.6	10.8	0.41	6400	10.60	0.01
E842719		1.61	184.5	7.93	2.24	0.09	0.33	0.09	0.212	0.16	27.2	10.8	0.43	6570	10.80	0.01
E842720		1.54	125.0	5.88	4.46	0.08	0.11	0.04	0.138	0.16	34.4	15.4	0.56	3500	6.30	0.01
E842721		5.64	46.9	3.39	4.52	0.07	0.02	0.07	0.098	0.19	31.3	21.6	0.49	1115	6.17	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 21-SEP-2007
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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842682		0.11	32.3	490	89.5	7.3	<0.001	0.05	4.24	6.3	1.1	0.2	11.4	<0.01	0.07	3.4
E842683		0.14	32.8	1000	60.5	9.2	<0.001	0.03	2.31	7.7	1.7	0.2	7.7	0.01	0.11	2.8
E842684		0.16	35.5	860	61.7	9.9	<0.001	0.05	3.12	6.5	1.6	0.3	8.3	0.01	0.16	2.6
E842685		0.20	29.5	1280	49.0	9.2	<0.001	0.07	1.74	9.9	2.7	0.2	13.0	0.01	0.14	3.8
E842686		0.13	19.5	910	99.4	5.7	<0.001	0.10	1.31	3.7	2.0	0.2	18.3	0.01	0.09	1.3
E842687		0.21	24.0	1440	39.3	14.2	<0.001	0.08	1.84	6.3	1.2	0.3	8.4	<0.01	0.15	2.4
E842688		0.20	24.0	1340	48.3	12.4	<0.001	0.07	1.79	7.0	1.3	0.3	10.8	0.01	0.14	1.8
E842689		0.21	28.3	1160	53.3	12.0	<0.001	0.06	2.11	6.2	1.6	0.3	8.3	0.01	0.14	2.0
E842690		0.20	14.0	740	17.1	10.3	<0.001	0.06	1.01	7.8	1.1	0.2	8.0	<0.01	0.08	1.9
E842691		0.23	19.9	640	43.6	10.7	<0.001	0.06	1.66	5.8	1.1	0.3	10.4	<0.01	0.10	1.9
E842692		0.05	27.9	570	18.5	6.7	<0.001	0.05	3.92	3.8	0.6	0.3	8.4	<0.01	0.09	6.8
E842693		0.11	44.0	740	43.4	8.7	<0.001	0.06	3.97	5.0	0.8	0.3	8.2	<0.01	0.10	5.7
E842694		0.15	35.8	750	59.9	10.1	<0.001	0.05	3.89	5.3	0.9	0.3	7.8	<0.01	0.12	4.5
E842695		0.11	30.7	930	83.4	5.7	<0.001	0.16	2.80	6.1	1.8	<0.2	22.9	0.01	0.11	1.6
E842696		0.18	36.2	870	135.5	8.0	0.001	0.11	3.89	6.9	1.6	0.2	18.5	<0.01	0.12	3.2
E842697		0.12	19.1	600	54.5	5.2	<0.001	0.08	1.71	5.4	1.2	<0.2	28.5	<0.01	0.08	2.8
E842698		0.11	18.4	610	57.8	4.9	<0.001	0.09	1.68	5.2	1.3	<0.2	28.8	<0.01	0.07	2.7
E842699		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842700		0.49	42.6	1060	17.4	31.0	<0.001	0.02	1.15	12.3	1.4	0.6	9.8	<0.01	0.24	5.8
E842701		0.26	63.6	970	14.5	30.8	<0.001	0.03	1.06	16.0	1.1	0.5	6.4	<0.01	0.14	6.9
E842702		0.40	35.2	880	7.5	25.8	<0.001	0.03	1.39	9.1	1.6	0.5	8.9	<0.01	0.30	7.7
E842703		0.26	65.7	1210	20.8	28.3	<0.001	0.04	1.66	8.4	1.3	0.5	5.9	0.01	0.16	7.6
E842704		0.34	35.2	900	6.3	33.1	0.001	0.01	1.12	8.2	1.1	0.6	6.8	<0.01	0.15	7.3
E842705		0.36	33.6	830	5.5	26.5	<0.001	<0.01	1.08	7.2	0.8	0.6	6.2	<0.01	0.12	10.2
E842706		0.34	35.6	940	7.0	31.4	0.005	0.01	1.07	5.6	0.7	0.6	6.9	<0.01	0.11	4.8
E842707		0.08	18.6	1300	4.8	35.2	0.007	0.05	0.73	0.4	0.4	0.5	4.7	<0.01	0.08	0.2
E842708		0.22	25.3	760	4.7	24.6	<0.001	<0.01	0.98	6.0	0.7	0.5	4.0	<0.01	0.13	14.4
E842709		0.24	16.8	630	4.9	23.6	<0.001	0.01	0.74	5.1	0.7	0.4	8.6	<0.01	0.12	10.0
E842710		0.37	27.2	1660	7.9	37.0	<0.001	0.07	0.67	4.8	0.9	0.5	14.3	<0.01	0.12	3.0
E842711		0.37	36.2	670	5.3	36.9	<0.001	0.06	0.58	6.4	0.8	0.3	23.9	<0.01	0.07	4.7
E842712		0.30	5.1	410	5.2	33.2	<0.001	0.04	0.81	1.2	0.3	0.6	6.6	<0.01	0.13	1.7
E842713		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842714		0.25	44.5	1300	15.1	24.9	0.001	0.08	1.15	8.7	2.4	0.6	12.2	0.01	0.20	6.3
E842715		0.10	71.7	480	8.4	9.2	<0.001	0.02	0.91	3.7	0.6	0.2	4.0	<0.01	0.08	9.9
E842716		0.25	48.3	580	5.9	12.0	<0.001	0.03	0.81	2.7	0.6	0.2	5.5	<0.01	0.08	7.0
E842717		1.40	31.0	600	15.8	32.6	<0.001	0.05	0.35	9.4	0.9	1.0	8.2	<0.01	0.05	5.5
E842718		0.07	73.7	1930	46.4	11.6	<0.001	0.20	2.46	4.6	2.3	<0.2	21.9	0.01	0.12	3.1
E842719		0.06	73.2	1990	44.0	12.2	<0.001	0.21	2.48	4.8	2.7	0.2	23.8	0.01	0.13	3.0
E842720		0.16	43.3	1180	33.1	17.2	<0.001	0.08	1.56	4.3	1.0	0.3	11.8	<0.01	0.12	6.0
E842721		0.25	22.1	830	58.7	19.5	0.001	0.16	1.87	1.7	0.8	0.3	13.0	<0.01	0.15	4.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842682		<0.005	0.27	1.51	10	<0.05	22.20	67	3.1
E842683		0.007	0.78	1.91	22	0.09	45.50	72	2.9
E842684		0.007	1.55	2.06	21	0.11	35.40	76	2.8
E842685		0.010	0.75	2.18	33	0.13	61.00	108	4.2
E842686		0.006	0.53	1.92	23	0.11	40.50	274	1.9
E842687		0.007	0.63	1.88	27	0.11	23.00	76	2.2
E842688		0.008	0.62	2.29	27	0.34	31.00	74	2.0
E842689		0.010	0.71	1.92	28	0.11	35.10	78	2.0
E842690		0.009	0.12	0.92	18	0.05	34.40	48	2.9
E842691		0.008	0.32	1.50	20	0.07	30.90	69	2.5
E842692		<0.005	0.50	1.66	7	<0.05	12.40	26	3.9
E842693		<0.005	0.77	2.09	12	<0.05	15.00	48	2.1
E842694		0.005	0.74	2.39	14	0.05	16.10	58	3.1
E842695		0.005	1.73	0.94	31	0.05	32.90	56	1.9
E842696		0.008	1.87	1.40	21	0.08	29.30	107	2.1
E842697		0.005	1.19	1.10	16	0.07	27.30	53	2.3
E842698		0.005	1.16	1.11	17	0.07	26.00	51	2.3
E842699		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842700		0.039	0.16	6.03	76	0.33	20.20	59	2.4
E842701		0.036	0.12	4.76	104	0.35	17.30	69	2.2
E842702		0.024	0.12	4.92	30	0.55	21.80	24	4.4
E842703		0.022	0.15	5.67	20	0.59	41.30	33	6.5
E842704		0.038	0.10	5.41	47	0.79	23.20	27	2.9
E842705		0.039	0.09	4.02	34	1.02	21.90	21	4.6
E842706		0.037	0.10	4.00	40	0.77	17.90	32	1.0
E842707		0.010	0.10	2.51	19	0.59	5.74	25	<0.5
E842708		0.026	0.08	3.37	16	0.82	22.80	16	3.6
E842709		0.017	0.06	2.55	16	0.55	14.50	18	3.6
E842710		0.022	0.11	6.99	27	0.34	18.55	52	1.6
E842711		0.072	0.12	1.83	53	0.34	15.70	33	1.9
E842712		0.051	0.11	1.67	29	0.91	3.12	12	<0.5
E842713		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E842714		0.039	0.16	14.15	36	1.32	38.50	37	3.7
E842715		0.008	0.17	3.32	21	0.10	9.35	26	2.3
E842716		0.024	0.07	2.67	30	0.24	6.65	32	1.2
E842717		0.268	0.09	2.55	191	0.22	9.06	52	0.8
E842718		<0.005	0.23	2.73	10	0.08	42.70	140	10.6
E842719		<0.005	0.23	2.63	10	0.06	43.40	140	11.3
E842720		0.006	0.67	3.59	22	0.16	16.95	73	3.5
E842721		0.012	0.32	2.30	22	0.10	8.33	501	0.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842722	0.34	0.007	1.21	1.42	90.2	<0.2	<10	200	1.70	2.99	0.39	1.42	74.60	34.6	13
E842723	0.32	0.010	1.93	1.26	117.5	<0.2	<10	150	0.84	1.38	0.69	1.30	43.80	44.3	15
E842724	0.32	<0.005	0.17	1.77	27.5	<0.2	<10	80	2.39	1.18	0.06	0.08	42.30	35.5	24
E842725	0.26	0.010	0.12	1.35	34.5	<0.2	<10	100	1.01	1.32	0.13	0.07	48.40	47.4	18
E842726	0.38	0.020	0.13	1.59	30.4	<0.2	<10	780	1.18	0.71	0.26	0.04	78.00	64.1	24
E842727	0.56	0.061	0.09	1.91	55.3	<0.2	<10	1030	0.92	0.91	0.80	0.09	66.00	44.8	21
E842728	0.30	0.034	0.11	1.07	66.0	<0.2	<10	790	1.20	0.76	0.32	0.08	49.10	76.1	11
E842729	0.22	0.009	0.05	1.85	47.7	<0.2	<10	300	0.58	0.68	0.20	0.13	37.50	51.7	29
E842730	0.20	<0.005	0.09	1.66	54.1	<0.2	<10	120	0.33	0.47	0.10	0.06	37.20	73.2	34
E842731	0.22	0.018	0.07	2.83	10.8	<0.2	<10	310	1.01	0.63	0.34	0.16	62.70	41.7	33
E842732	0.28	0.012	0.03	3.61	6.1	<0.2	<10	90	0.85	0.49	0.15	0.10	42.70	46.7	41
E842733	0.26	0.075	0.05	4.91	7.1	<0.2	<10	380	1.88	0.19	0.22	0.09	75.80	52.2	64
E842734	0.28	0.038	0.08	1.71	12.9	<0.2	<10	170	0.66	0.44	0.30	0.17	47.30	32.8	23
E842735	0.24	0.008	0.08	1.68	12.2	<0.2	<10	480	0.88	0.72	0.72	0.14	50.00	39.9	20
E842736	0.26	0.015	0.09	1.49	18.4	<0.2	<10	330	0.89	0.46	0.51	0.17	51.80	32.6	25
E842737	0.36	0.012	0.11	4.41	8.3	<0.2	<10	470	0.79	3.31	0.59	0.07	84.90	80.4	36
E842738	0.26	<0.005	0.05	4.22	5.3	<0.2	<10	280	1.25	0.81	0.35	0.10	39.10	61.2	61
E842739	0.22	0.012	0.04	3.91	12.7	<0.2	<10	380	0.73	0.18	0.43	0.05	38.90	139.0	44
E842740	0.18	0.018	0.27	1.43	94.1	<0.2	<10	1180	1.15	1.83	3.01	0.14	57.70	52.7	17
E842741	0.28	0.030	0.16	1.42	43.1	<0.2	<10	1470	1.26	1.25	2.04	0.10	58.60	41.6	18
E842742	0.18	0.015	0.10	2.97	59.4	<0.2	<10	1660	0.74	1.64	1.23	0.07	31.80	60.1	33
E842743	0.36	0.009	0.06	2.08	15.6	<0.2	<10	180	0.57	0.61	0.23	0.04	56.90	24.8	24
E842744	0.24	0.018	0.05	2.33	14.4	<0.2	<10	1630	0.71	1.06	1.44	0.06	31.50	59.9	20
E842745	0.26	0.011	0.03	2.59	12.6	<0.2	<10	1180	0.79	0.53	0.46	0.08	45.50	35.4	25
E842746	0.22	0.010	0.05	4.02	11.6	<0.2	<10	410	0.92	1.38	0.64	0.06	64.80	50.7	73
E842747	0.22	0.010	0.10	4.03	14.4	<0.2	<10	270	1.35	0.42	1.02	0.10	69.40	90.3	41
E842748	0.56	0.015	0.02	1.44	7.8	<0.2	<10	1650	1.87	1.02	0.21	0.04	65.30	93.2	16
E842749	0.34	0.006	0.01	1.35	9.0	<0.2	<10	90	0.24	0.36	0.09	0.05	42.20	19.9	20
E842750	0.42	0.036	0.03	0.94	24.9	<0.2	<10	1530	0.73	1.49	1.20	0.05	31.80	69.1	13
E842751	0.32	0.008	0.03	2.63	9.4	<0.2	<10	1060	0.63	1.00	0.81	0.03	30.10	44.0	23
E842752	0.26	0.014	0.04	2.00	34.1	<0.2	<10	240	0.55	0.29	0.69	0.13	19.50	120.0	27
E842753	0.34	0.019	0.07	1.33	13.0	<0.2	<10	870	0.87	0.63	1.63	0.06	20.10	54.7	14
E842754	Not Recvd														
E842755	0.46	0.008	2.40	0.60	54.8	<0.2	<10	120	1.28	4.99	0.80	0.15	33.70	31.3	7
E842756	0.42	0.023	1.11	0.61	37.5	<0.2	10	100	1.35	3.85	1.90	0.19	21.00	22.4	8
E842757	0.36	0.010	2.31	0.81	60.4	<0.2	<10	140	1.51	5.22	0.70	0.19	33.20	34.4	10
E842758	0.30	0.007	2.10	0.95	57.0	<0.2	<10	180	1.65	4.94	0.29	0.21	41.10	34.3	12
E842759	0.34	0.009	1.62	0.66	58.4	<0.2	<10	940	1.58	3.94	0.69	0.15	33.80	32.2	9
E842760	0.48	0.005	2.32	0.97	37.9	<0.2	<10	150	1.62	3.29	0.29	0.19	40.00	22.1	14
E842761	0.20	0.006	3.94	1.18	49.7	<0.2	<10	140	1.86	4.67	0.51	0.23	36.60	26.5	15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842722	5.22	52.1	3.65	3.98	0.09	0.09	0.09	0.164	0.16	36.5	28.0	0.57	6360	7.36	0.01
E842723	2.28	42.9	5.33	3.81	0.08	0.05	0.17	0.118	0.08	29.6	14.6	0.37	6240	4.33	0.01
E842724	11.40	94.7	3.79	5.72	0.06	0.03	0.06	0.062	0.12	20.4	31.4	0.95	1340	3.15	0.01
E842725	3.84	175.5	3.59	4.29	0.06	0.03	0.05	0.073	0.09	23.4	17.4	0.46	1925	3.55	0.01
E842726	5.48	710.0	5.37	5.65	0.10	0.07	0.03	0.077	0.20	41.3	28.1	1.28	1900	12.35	0.02
E842727	5.00	126.0	4.35	6.60	0.18	0.10	0.02	0.080	0.40	32.7	45.7	2.35	1725	5.60	0.02
E842728	2.73	783.0	4.47	3.89	0.07	0.08	0.04	0.181	0.16	26.2	16.7	0.98	3590	8.56	0.02
E842729	2.72	158.5	5.39	6.89	0.07	<0.02	0.03	0.103	0.21	18.9	30.1	1.34	1420	3.50	0.01
E842730	2.91	351.0	5.96	7.12	0.07	<0.02	0.02	0.075	0.19	19.2	17.9	1.23	710	3.49	0.01
E842731	5.68	879.0	6.10	11.35	0.17	0.03	0.04	0.115	0.36	29.6	33.6	2.41	3130	4.68	0.01
E842732	4.96	128.0	7.67	15.05	0.23	0.02	0.03	0.125	0.26	19.6	41.8	3.49	1345	2.41	0.01
E842733	7.80	535.0	8.91	21.00	0.36	0.02	0.03	0.136	0.15	25.8	71.4	5.07	2570	5.29	0.02
E842734	3.80	33.2	4.92	8.02	0.06	<0.02	0.09	0.094	0.11	21.3	27.2	0.80	3500	6.43	0.01
E842735	2.83	25.6	6.70	5.19	0.07	0.08	0.08	0.169	0.14	23.4	23.7	0.55	4150	16.85	0.02
E842736	5.46	29.4	5.47	5.21	0.08	0.08	0.12	0.113	0.10	26.9	22.1	0.95	3650	8.39	0.02
E842737	10.15	2180.0	8.89	17.70	0.33	0.05	0.06	0.352	1.08	40.3	41.3	4.59	4910	6.48	0.02
E842738	8.21	3700.0	7.48	15.45	0.30	0.02	0.04	0.342	1.10	18.5	44.5	4.31	2010	2.81	0.01
E842739	7.70	1430.0	7.43	12.90	0.22	0.02	0.04	0.140	1.03	19.2	54.1	4.28	1950	8.19	0.02
E842740	4.13	184.0	4.59	5.48	0.14	0.07	0.06	0.154	0.20	28.7	40.1	2.69	6040	21.40	0.03
E842741	5.68	221.0	4.37	5.23	0.12	0.06	0.08	0.101	0.25	30.3	37.4	2.05	2730	10.25	0.04
E842742	5.79	420.0	6.15	9.54	0.10	0.03	0.04	0.198	0.27	17.9	42.8	2.87	2350	7.88	0.04
E842743	3.77	20.3	5.68	6.53	0.10	<0.02	0.02	0.031	0.29	29.2	40.9	2.34	754	1.42	0.01
E842744	3.24	373.0	4.81	7.70	0.08	0.06	0.05	0.129	0.21	16.4	33.9	2.55	1850	3.04	0.04
E842745	4.31	15.7	4.70	8.07	0.09	<0.02	0.03	0.041	0.34	22.7	52.9	3.11	970	1.29	0.03
E842746	6.95	490.0	6.58	14.20	0.22	0.03	0.03	0.068	0.51	28.1	65.9	4.48	1735	1.90	0.02
E842747	6.05	730.0	7.12	15.60	0.28	0.03	0.08	0.338	0.16	32.4	60.1	4.31	3190	3.64	0.01
E842748	5.33	22.0	3.62	4.47	0.10	0.05	0.02	0.074	0.29	35.8	38.4	1.31	2100	6.96	0.02
E842749	1.65	34.0	4.82	7.23	0.06	<0.02	0.01	0.032	0.18	22.8	19.5	0.96	488	3.50	0.01
E842750	2.05	559.0	4.14	3.11	0.05	0.08	0.05	0.152	0.15	15.2	15.5	0.69	3460	9.04	0.03
E842751	5.43	35.8	4.33	7.34	0.10	0.04	0.04	0.077	0.43	16.2	38.2	3.11	1155	2.96	0.02
E842752	1.85	855.0	6.22	6.59	0.06	0.03	0.07	0.208	0.18	11.1	23.8	1.55	4070	3.23	0.01
E842753	3.63	376.0	2.97	4.57	0.06	0.10	0.06	0.063	0.14	13.3	23.2	1.48	1630	6.02	0.03
E842754															
E842755	1.44	241.0	5.69	1.68	0.06	0.09	0.24	0.292	0.09	15.8	7.1	0.65	2050	1.87	0.01
E842756	1.94	160.0	4.48	1.72	0.05	0.08	0.17	0.439	0.07	9.8	5.4	0.60	1820	1.45	0.02
E842757	1.45	207.0	6.58	2.09	0.06	0.12	0.25	0.365	0.09	15.5	7.9	0.58	2740	2.25	0.01
E842758	1.44	188.0	6.83	2.57	0.08	0.11	0.19	0.332	0.10	19.4	10.0	0.48	2330	2.22	0.01
E842759	1.24	312.0	5.55	1.81	0.06	0.13	0.19	0.375	0.09	16.2	6.5	0.45	2270	2.59	0.02
E842760	2.00	538.0	6.09	2.71	0.08	0.07	0.27	0.563	0.10	18.8	10.0	0.39	2220	1.36	0.01
E842761	2.21	448.0	7.10	3.02	0.08	0.13	0.30	0.585	0.11	17.9	10.5	0.44	2240	1.80	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842722		0.19	47.7	960	58.8	15.0	0.001	0.08	3.38	3.4	1.1	0.4	15.9	<0.01	0.21	8.6
E842723		0.26	35.6	1640	145.5	13.8	0.001	0.11	4.35	2.5	1.4	0.4	17.4	0.01	0.25	1.5
E842724		0.25	26.6	850	19.8	21.0	<0.001	0.06	0.82	2.2	0.8	0.3	6.5	<0.01	0.06	6.6
E842725		0.23	19.9	1370	13.0	18.8	0.001	0.07	0.61	2.7	0.5	0.3	6.9	<0.01	0.11	4.2
E842726		0.21	37.4	680	7.3	23.7	0.001	0.04	1.13	6.0	1.3	0.5	8.7	<0.01	0.12	13.5
E842727		0.34	34.5	510	12.4	43.7	0.003	0.06	1.37	5.4	0.9	0.4	18.9	<0.01	0.07	10.7
E842728		0.17	25.4	840	5.9	26.3	0.001	0.04	0.88	7.4	1.2	0.4	5.0	<0.01	0.12	11.7
E842729		0.31	31.9	730	6.2	34.7	<0.001	0.06	0.67	3.2	0.5	0.4	9.0	<0.01	0.07	1.2
E842730		0.41	31.5	460	5.0	34.5	<0.001	0.04	0.70	3.5	0.5	0.4	6.5	<0.01	0.07	2.0
E842731		0.34	43.1	780	12.6	48.9	<0.001	0.04	0.61	19.5	1.0	0.4	13.2	<0.01	0.07	5.1
E842732		0.60	40.9	460	6.8	42.4	<0.001	0.03	0.39	13.1	0.5	0.6	5.4	<0.01	0.05	5.3
E842733		0.17	52.0	570	11.4	18.5	0.001	0.04	0.39	36.2	1.0	0.6	10.8	<0.01	0.02	4.2
E842734		0.45	24.2	830	11.1	25.0	<0.001	0.06	0.75	5.2	0.6	0.7	12.1	<0.01	0.11	3.2
E842735		0.34	25.4	1430	9.3	26.0	0.001	0.09	0.84	7.9	1.1	0.5	12.5	0.01	0.14	6.1
E842736		0.31	28.1	1080	8.1	16.8	<0.001	0.08	0.92	6.9	1.1	0.5	12.9	<0.01	0.11	5.9
E842737		0.20	50.8	830	4.9	99.7	0.001	0.05	0.31	29.1	1.3	0.6	10.6	<0.01	0.03	5.2
E842738		0.21	60.8	610	5.0	100.5	<0.001	0.05	0.50	24.3	1.0	0.4	8.5	<0.01	0.03	2.8
E842739		0.57	59.7	760	5.5	112.5	0.001	0.05	0.58	16.1	1.0	0.6	8.9	<0.01	0.05	9.2
E842740		0.24	36.1	800	13.7	28.1	<0.001	0.08	1.70	6.2	1.7	0.4	17.5	<0.01	0.09	5.0
E842741		0.28	30.5	840	9.1	32.1	0.001	0.10	1.70	5.8	1.6	0.6	35.4	<0.01	0.10	5.4
E842742		0.51	47.7	920	11.4	47.2	0.001	0.09	0.68	9.6	1.3	0.4	33.5	<0.01	0.06	3.2
E842743		0.75	23.9	630	5.9	34.7	<0.001	0.03	0.75	2.6	0.3	0.5	9.6	<0.01	0.05	8.4
E842744		0.72	33.0	880	4.3	38.2	0.001	0.11	0.58	8.5	1.2	0.4	40.8	<0.01	0.08	6.0
E842745		0.71	36.8	780	6.9	48.9	<0.001	0.07	0.74	4.3	0.5	0.6	26.4	<0.01	0.08	6.1
E842746		0.59	59.8	480	7.7	78.4	0.001	0.04	0.57	13.5	0.9	0.6	18.1	<0.01	0.05	7.9
E842747		0.30	70.4	660	9.4	31.6	0.001	0.09	0.66	32.2	2.0	0.5	13.8	<0.01	0.04	2.3
E842748		0.29	47.3	840	5.6	52.0	<0.001	0.05	1.04	3.6	1.0	0.5	23.8	<0.01	0.18	13.7
E842749		1.10	20.7	330	5.3	41.9	<0.001	0.02	0.66	3.2	0.3	0.6	3.5	<0.01	0.08	7.2
E842750		0.35	27.8	950	6.1	30.1	<0.001	0.09	1.32	3.8	1.1	0.4	23.9	<0.01	0.16	5.5
E842751		1.30	38.1	860	3.2	48.1	<0.001	0.07	0.67	4.7	0.8	0.5	21.9	<0.01	0.08	6.9
E842752		0.21	46.4	1000	6.2	27.8	<0.001	0.07	0.63	16.5	1.0	0.2	8.8	<0.01	0.04	1.7
E842753		0.33	33.2	1070	4.3	28.9	<0.001	0.13	1.28	3.8	1.0	0.3	21.2	<0.01	0.11	6.4
E842754																
E842755		0.14	29.0	490	77.0	8.0	0.001	0.10	4.80	4.4	0.7	0.3	6.3	<0.01	0.06	5.2
E842756		0.24	21.4	1070	49.8	8.8	<0.001	0.18	3.00	3.9	0.9	0.3	13.3	<0.01	0.06	1.6
E842757		0.16	31.9	700	84.4	8.8	<0.001	0.09	4.84	5.0	1.0	0.3	7.9	<0.01	0.06	3.7
E842758		0.26	33.2	640	84.1	10.1	<0.001	0.07	4.02	5.9	1.0	0.4	7.5	<0.01	0.06	4.5
E842759		0.20	24.5	750	53.9	7.7	<0.001	0.11	3.91	5.0	1.0	0.3	13.0	<0.01	0.07	3.5
E842760		0.39	22.4	640	66.1	11.6	<0.001	0.05	4.61	7.4	0.8	0.4	8.6	<0.01	0.05	4.6
E842761		0.35	26.7	820	93.7	14.1	<0.001	0.07	5.54	7.1	1.0	0.4	9.6	<0.01	0.06	3.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842722		0.009	0.78	4.13	19	0.11	18.00	757	3.3
E842723		0.018	0.23	2.54	27	0.14	31.30	933	1.4
E842724		0.015	0.15	4.38	28	0.10	7.84	50	1.0
E842725		0.010	0.14	2.88	27	0.12	6.29	37	0.9
E842726		0.044	0.25	7.51	37	0.66	14.15	25	3.3
E842727		0.054	0.32	3.74	28	0.38	16.35	59	4.9
E842728		0.026	0.09	5.74	32	0.61	21.80	22	3.2
E842729		0.064	0.09	1.48	68	0.28	3.80	47	<0.5
E842730		0.104	0.08	1.68	84	0.29	2.81	34	0.6
E842731		0.113	0.18	2.85	160	0.18	17.10	49	0.8
E842732		0.195	0.11	1.25	198	0.14	3.27	50	0.9
E842733		0.090	0.11	3.62	332	0.07	16.40	123	0.5
E842734		0.050	0.14	2.87	61	0.34	8.87	42	<0.5
E842735		0.027	0.12	3.89	33	0.62	18.25	34	2.6
E842736		0.046	0.10	4.92	37	0.76	23.90	45	2.6
E842737		0.276	0.28	4.58	255	0.05	23.90	53	2.3
E842738		0.253	0.29	4.78	232	0.08	7.67	41	0.8
E842739		0.193	0.25	6.04	129	0.13	9.31	34	1.0
E842740		0.026	0.35	6.41	27	0.31	23.70	47	2.1
E842741		0.027	0.21	3.98	25	0.60	23.50	38	2.1
E842742		0.114	0.14	12.50	80	0.25	16.10	56	1.2
E842743		0.100	0.09	1.28	29	0.64	3.41	47	<0.5
E842744		0.064	0.09	4.88	72	0.33	17.10	37	2.0
E842745		0.096	0.13	2.16	41	0.49	6.84	41	0.5
E842746		0.159	0.21	3.15	175	0.19	16.30	61	1.0
E842747		0.086	0.17	6.80	241	0.08	22.30	51	0.9
E842748		0.034	0.08	3.44	16	0.63	20.80	22	1.9
E842749		0.063	0.11	0.99	49	0.26	1.79	22	<0.5
E842750		0.028	0.07	10.00	20	0.33	14.50	17	2.7
E842751		0.090	0.11	2.75	35	0.19	10.15	45	1.3
E842752		0.032	0.09	2.21	72	0.08	16.30	33	0.6
E842753		0.037	0.06	9.09	25	0.25	18.00	21	3.9
E842754									
E842755		0.005	0.52	1.13	14	<0.05	13.15	77	3.5
E842756		0.009	0.47	1.16	15	0.05	15.70	80	2.7
E842757		0.005	0.56	1.44	19	0.05	16.30	89	4.3
E842758		0.009	0.46	1.51	26	0.09	17.20	110	3.6
E842759		0.007	0.43	2.83	17	0.11	16.55	61	4.5
E842760		0.014	0.22	0.87	21	0.11	14.30	73	2.3
E842761		0.010	0.33	1.28	22	0.07	16.05	112	4.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842762	0.22	0.005	3.49	1.05	53.2	<0.2	<10	120	1.74	4.68	0.30	0.21	40.00	25.3	14
E842763	0.22	<0.005	3.93	1.00	51.2	<0.2	<10	120	1.61	4.64	0.28	0.22	40.10	28.6	13
E842764	0.44	0.005	0.24	0.86	41.7	<0.2	<10	90	0.83	2.87	0.10	0.12	42.70	13.7	14
E842765	0.54	0.007	2.02	0.66	51.9	<0.2	<10	90	1.40	4.47	0.52	0.13	33.40	24.7	9
E842766	0.28	0.008	1.95	0.63	61.4	<0.2	<10	120	1.46	5.60	0.43	0.14	34.50	32.4	8
E842767	0.46	0.009	9.02	0.92	72.4	<0.2	<10	150	1.61	9.45	0.27	0.24	31.90	36.9	10
E842768	0.58	0.008	2.46	1.06	44.3	<0.2	<10	160	1.48	6.43	0.18	0.21	34.80	35.3	14
E842769	0.32	<0.005	0.18	1.14	24.4	<0.2	<10	270	1.27	1.18	0.36	0.20	27.40	13.7	18
E842770	0.40	<0.005	0.35	0.90	40.1	<0.2	<10	140	1.14	2.05	0.29	0.15	31.50	17.1	15
E842771	0.36	0.008	0.64	0.75	72.3	<0.2	<10	160	1.67	2.71	0.29	0.15	42.70	23.2	9
E842772	0.42	0.006	1.25	0.82	80.3	<0.2	<10	190	1.55	3.10	0.41	0.17	38.00	25.1	11
E842773	0.44	0.008	0.91	0.64	90.5	<0.2	<10	180	1.49	3.06	0.29	0.13	40.00	24.5	8
E842774	0.30	0.008	1.55	0.58	116.5	<0.2	<10	170	1.51	4.32	0.62	0.12	45.00	35.7	7
E842775	0.30	0.010	1.20	0.66	107.5	<0.2	<10	230	1.59	3.79	0.96	0.17	35.10	25.9	7
E842776	0.34	0.005	0.25	0.91	41.9	<0.2	<10	170	1.11	2.28	0.46	0.19	29.60	19.8	12
E842777	0.28	0.007	0.20	1.07	24.1	<0.2	<10	180	1.14	1.25	0.36	0.23	29.20	13.8	17
E842778	0.42	0.007	0.12	1.16	20.1	<0.2	<10	250	1.57	1.22	0.19	0.27	33.50	18.5	19
E842779	0.38	0.006	1.48	1.63	45.5	<0.2	<10	250	2.00	5.56	0.23	0.36	34.70	33.9	21
E842780	0.40	0.010	1.63	1.01	65.6	<0.2	<10	180	1.63	4.91	0.31	0.22	37.50	32.3	13
E842781	0.48	<0.005	1.35	1.20	67.4	<0.2	<10	250	3.69	7.53	0.22	0.15	34.40	46.9	14
E842782	0.44	0.006	1.22	0.99	67.1	<0.2	<10	230	1.88	5.79	0.29	0.21	36.40	27.8	12
E842783	0.28	0.006	1.29	1.01	36.5	<0.2	<10	140	2.34	4.63	0.30	0.14	26.00	27.0	12
E842784	0.26	0.006	1.46	1.17	29.6	<0.2	<10	200	2.00	3.79	0.30	0.16	23.80	26.9	13
E842785	0.26	0.005	1.01	1.02	63.3	<0.2	<10	240	1.50	3.46	0.26	0.20	32.80	20.2	14
E843051	0.40	<0.005	0.04	1.15	8.5	<0.2	<10	160	0.40	0.55	0.18	0.10	23.90	8.7	17
E843052	0.50	0.007	0.09	1.43	6.0	<0.2	<10	360	0.53	0.52	0.16	0.18	22.60	12.1	21
E843053	0.44	0.005	0.06	1.31	10.0	<0.2	<10	120	0.55	0.72	0.06	0.20	33.50	12.1	24
E843054	0.58	0.026	0.46	2.51	11.0	<0.2	<10	1880	1.60	0.60	0.55	0.26	45.50	25.6	32
E843055	0.50	0.012	0.13	2.19	9.2	<0.2	<10	440	0.92	0.60	0.13	0.32	27.70	18.7	28
E843527	0.38	0.005	0.24	0.64	8.7	<0.2	10	140	1.83	1.00	1.00	0.34	20.30	15.3	8
E843528	0.44	<0.005	0.27	0.73	9.3	<0.2	<10	90	1.78	1.02	0.48	0.20	25.10	12.9	10
E843529	0.42	0.038	0.47	1.30	12.6	<0.2	<10	150	2.04	1.12	0.54	0.29	30.80	17.1	17
E843530	0.46	<0.005	0.25	1.14	13.2	<0.2	<10	180	1.74	1.16	0.46	0.29	37.60	17.3	16
E843531	0.38	<0.005	0.18	1.08	13.3	<0.2	10	180	1.60	1.38	0.83	0.33	40.70	22.4	15
E843532	0.46	<0.005	0.26	0.86	10.6	<0.2	<10	100	1.74	0.96	0.36	0.18	51.80	17.0	13
E843533	0.50	0.008	0.46	1.41	20.3	<0.2	<10	140	2.81	0.82	0.68	0.38	44.40	62.5	24
E843534	0.38	<0.005	0.11	1.10	13.2	<0.2	<10	100	1.11	0.56	0.30	0.14	35.40	17.8	20
E843535	0.40	<0.005	0.48	1.24	10.7	<0.2	<10	100	1.32	0.43	0.75	0.24	40.00	19.7	23
E843536	0.44	<0.005	0.35	1.00	10.4	<0.2	<10	130	1.29	0.42	0.79	0.32	41.50	18.7	15
E843537	0.50	0.005	0.12	0.65	5.2	<0.2	<10	100	0.75	0.18	8.97	0.21	25.00	13.0	8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842762		2.36	421.0	7.08	2.84	0.08	0.10	0.31	0.514	0.09	19.0	10.1	0.43	2300	1.76	0.01
E842763		2.13	457.0	7.36	2.59	0.08	0.09	0.34	0.460	0.08	19.2	9.5	0.42	2310	1.70	0.01
E842764		2.11	197.0	5.59	5.04	0.07	<0.02	0.06	0.256	0.07	20.7	5.2	0.16	1035	1.52	0.01
E842765		1.60	198.5	4.99	1.82	0.06	0.09	0.17	0.323	0.07	16.1	7.0	0.36	1415	1.75	0.01
E842766		1.72	228.0	5.63	1.80	0.07	0.10	0.19	0.331	0.11	15.5	7.2	0.40	1990	2.13	0.01
E842767		1.96	809.0	10.55	2.34	0.10	0.09	0.54	0.658	0.08	14.0	9.5	0.48	3050	1.34	0.01
E842768		1.38	860.0	6.41	2.99	0.09	0.06	0.14	0.393	0.07	15.9	14.0	0.58	1960	1.19	0.01
E842769		2.15	89.1	3.83	3.55	0.05	0.04	0.05	0.199	0.07	13.1	11.5	0.34	1345	1.26	0.01
E842770		1.68	155.0	5.04	2.75	0.06	0.03	0.07	0.392	0.07	14.1	8.7	0.28	2090	1.96	0.01
E842771		1.68	252.0	4.73	2.01	0.07	0.09	0.09	0.451	0.07	20.2	7.0	0.23	2020	2.42	0.01
E842772		1.69	291.0	5.58	2.05	0.07	0.09	0.18	0.478	0.06	18.3	6.9	0.28	3120	2.36	0.01
E842773		1.36	263.0	4.76	1.76	0.07	0.09	0.14	0.432	0.07	19.4	4.9	0.23	2220	2.83	0.01
E842774		1.79	384.0	5.05	1.70	0.07	0.08	0.28	0.413	0.08	20.8	5.9	0.44	2090	3.32	0.01
E842775		1.77	293.0	5.70	1.72	0.06	0.10	0.17	0.639	0.06	16.7	4.4	0.28	3070	2.99	0.01
E842776		1.94	154.0	5.10	3.55	0.05	0.03	0.06	0.427	0.07	13.3	7.6	0.21	2660	2.14	0.01
E842777		1.58	93.6	3.55	3.19	0.05	0.04	0.04	0.215	0.06	12.7	10.3	0.33	1370	1.41	0.01
E842778		2.09	96.6	3.72	3.36	0.05	0.03	0.04	0.147	0.08	13.7	14.3	0.35	1795	1.19	0.01
E842779		2.91	1055.0	7.37	4.43	0.09	0.06	0.10	0.476	0.09	15.7	20.3	0.63	3030	1.62	0.01
E842780		1.99	654.0	5.49	2.84	0.07	0.08	0.14	0.319	0.07	17.5	12.5	0.47	1890	1.99	0.01
E842781		5.27	194.0	4.43	3.08	0.06	0.07	0.07	0.380	0.11	15.7	17.4	0.45	2450	1.99	0.01
E842782		2.02	478.0	5.62	2.67	0.07	0.12	0.12	0.476	0.09	17.0	11.9	0.45	2870	2.03	0.01
E842783		2.81	181.5	4.06	2.69	0.05	0.11	0.08	0.320	0.12	11.6	11.8	0.35	2740	1.29	0.01
E842784		3.71	209.0	4.67	3.01	0.10	0.14	0.10	0.435	0.14	11.1	7.2	0.43	3920	1.24	0.01
E842785		2.16	338.0	5.12	3.27	0.13	0.06	0.13	0.437	0.09	16.3	6.6	0.31	2250	2.58	0.01
E843051		2.65	14.7	3.32	6.77	0.08	0.03	0.03	0.032	0.08	11.9	7.8	0.25	522	1.35	<0.01
E843052		2.53	22.0	3.18	6.22	0.08	<0.02	0.04	0.039	0.15	11.1	14.8	0.42	985	1.09	<0.01
E843053		2.70	32.9	5.48	6.45	0.11	0.03	0.07	0.077	0.08	17.5	15.9	0.42	695	1.43	<0.01
E843054		4.28	493.0	5.55	10.40	0.21	0.17	0.16	0.189	0.11	35.6	29.1	1.71	3360	3.94	<0.01
E843055		3.13	80.9	5.17	7.92	0.11	0.03	0.05	0.103	0.11	13.8	30.6	0.65	1485	2.74	<0.01
E843527		1.81	35.7	3.37	2.12	0.09	0.14	0.11	0.151	0.10	8.6	2.4	0.21	8140	0.81	0.01
E843528		2.38	41.4	3.15	2.28	0.09	0.13	0.07	0.174	0.09	11.7	3.6	0.26	3650	0.71	0.01
E843529		2.87	64.5	4.00	4.09	0.11	0.10	0.07	0.181	0.10	14.2	9.0	0.43	3640	1.14	0.01
E843530		2.63	50.3	3.83	3.73	0.13	0.10	0.08	0.138	0.10	17.9	6.4	0.34	3740	1.09	0.01
E843531		1.49	44.6	4.51	3.60	0.14	0.16	0.04	0.092	0.13	19.3	5.7	0.45	7150	1.09	0.01
E843532		1.99	56.9	3.81	3.16	0.14	0.15	0.05	0.119	0.12	26.3	5.4	0.33	3450	1.02	0.01
E843533		5.58	63.3	4.30	5.59	0.13	0.15	0.08	0.175	0.18	19.5	13.4	0.53	3150	1.65	0.01
E843534		3.45	31.0	3.06	5.68	0.10	0.03	0.05	0.064	0.11	18.2	11.3	0.31	715	1.45	0.01
E843535		1.46	40.4	4.67	4.82	0.16	0.11	0.08	0.119	0.09	20.9	12.8	0.81	3200	0.78	0.01
E843536		0.89	36.0	4.83	3.51	0.15	0.08	0.05	0.084	0.09	21.7	8.6	0.61	3550	0.79	0.01
E843537		0.54	16.2	3.41	1.91	0.09	0.07	0.04	0.056	0.06	12.4	5.7	5.66	2890	0.49	0.02

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842762		0.31	28.2	590	96.6	13.4	<0.001	0.06	5.88	6.9	1.0	0.3	7.9	<0.01	0.06	4.2
E842763		0.28	27.2	530	97.2	11.6	<0.001	0.07	6.72	6.4	0.9	0.3	7.1	<0.01	0.05	4.5
E842764		0.50	14.1	600	43.5	16.0	<0.001	0.06	3.49	2.3	0.5	0.5	4.5	<0.01	0.06	2.1
E842765		0.19	24.9	620	57.7	8.7	<0.001	0.08	4.31	4.1	0.8	0.3	7.2	<0.01	0.05	3.2
E842766		0.17	30.8	760	72.9	10.3	<0.001	0.12	5.01	4.6	0.7	0.3	6.7	<0.01	0.06	4.1
E842767		0.16	36.3	410	180.5	9.2	<0.001	0.23	12.60	10.8	1.0	0.3	5.3	<0.01	0.04	6.7
E842768		0.27	27.2	560	67.2	7.9	<0.001	0.07	5.92	6.4	0.9	0.3	6.9	<0.01	0.04	6.1
E842769		0.47	18.2	1040	20.3	13.0	<0.001	0.06	1.21	3.2	0.6	0.4	10.7	<0.01	0.05	1.5
E842770		0.41	18.6	740	32.6	9.8	<0.001	0.06	2.10	3.4	0.6	0.4	8.2	<0.01	0.05	1.9
E842771		0.19	21.3	790	31.1	8.5	<0.001	0.06	2.99	5.3	0.7	0.3	6.6	<0.01	0.06	3.0
E842772		0.24	23.2	810	37.1	8.2	<0.001	0.06	3.02	5.7	0.9	0.3	8.2	<0.01	0.06	2.5
E842773		0.17	23.8	720	32.2	6.9	<0.001	0.06	2.95	5.8	0.8	0.3	6.2	<0.01	0.06	3.1
E842774		0.16	33.2	550	45.2	6.8	<0.001	0.08	4.33	6.0	0.9	0.3	9.3	<0.01	0.08	5.6
E842775		0.13	25.2	1080	40.2	8.0	<0.001	0.11	3.19	4.7	0.9	0.3	8.8	<0.01	0.09	1.8
E842776		0.43	16.5	1010	33.6	13.4	<0.001	0.07	2.20	3.1	0.6	0.4	8.4	<0.01	0.06	1.4
E842777		0.48	18.6	870	24.6	11.1	<0.001	0.06	1.33	3.0	0.6	0.4	10.3	<0.01	0.05	1.6
E842778		0.45	20.9	870	22.0	11.6	<0.001	0.05	1.19	3.0	0.6	0.4	10.3	<0.01	0.05	1.7
E842779		0.45	29.3	1120	65.4	14.4	<0.001	0.06	4.66	7.2	1.0	0.4	10.1	<0.01	0.06	3.6
E842780		0.31	27.8	740	50.1	9.5	<0.001	0.06	4.47	5.3	0.9	0.3	10.6	<0.01	0.06	4.5
E842781		0.27	38.2	620	36.2	18.8	<0.001	0.03	4.06	5.1	0.7	0.3	7.4	<0.01	0.05	6.5
E842782		0.28	30.3	570	39.5	11.7	<0.001	0.07	3.32	6.3	0.9	0.3	7.6	<0.01	0.05	5.6
E842783		0.24	23.6	690	33.0	21.0	<0.001	0.05	2.84	4.3	0.7	0.3	6.3	<0.01	0.04	4.3
E842784		0.27	25.5	570	36.1	21.1	0.002	0.05	2.72	4.9	1.2	0.3	6.9	0.01	0.04	4.3
E842785		0.34	26.9	810	34.0	11.8	0.001	0.06	2.67	5.6	1.1	0.4	10.1	0.01	0.07	2.4
E843051		1.19	12.9	290	13.3	19.8	0.001	0.02	0.61	2.8	0.4	0.9	8.4	0.01	0.06	4.0
E843052		0.51	18.2	660	10.5	23.2	0.001	0.04	0.45	2.0	0.5	0.8	8.9	<0.01	0.06	0.5
E843053		1.11	18.4	480	11.8	14.7	0.001	0.02	0.84	3.8	0.5	0.7	7.2	0.01	0.09	5.8
E843054		0.50	35.9	1270	16.7	16.6	0.001	0.07	0.87	21.7	2.4	0.7	22.8	0.02	0.09	5.1
E843055		0.93	22.0	570	14.5	18.7	0.001	0.03	0.57	5.1	0.6	0.8	8.4	<0.01	0.08	4.4
E843527		0.16	15.5	1150	20.2	11.8	0.001	0.11	1.41	5.1	1.3	0.2	15.7	0.01	0.04	1.4
E843528		0.20	15.7	850	14.0	13.3	0.001	0.06	1.87	4.4	1.1	0.2	9.4	0.01	0.04	1.9
E843529		0.34	21.0	990	19.1	16.8	0.001	0.08	1.50	5.1	1.2	0.4	11.7	0.01	0.06	1.7
E843530		0.38	20.2	920	24.4	17.0	0.001	0.07	1.49	5.0	1.2	0.4	10.2	0.01	0.05	2.1
E843531		0.33	24.6	750	19.5	17.6	0.001	0.08	1.40	5.9	1.1	0.4	12.4	0.01	0.05	2.3
E843532		0.22	22.3	690	15.4	15.0	0.001	0.05	1.40	6.3	1.2	0.3	7.4	0.01	0.06	3.0
E843533		0.38	29.7	1180	86.2	27.1	0.001	0.10	3.52	7.8	1.4	0.6	10.7	0.01	0.07	3.0
E843534		0.61	19.5	710	27.4	21.1	0.001	0.05	1.67	3.1	0.7	0.6	9.4	<0.01	0.05	1.4
E843535		0.30	25.9	1010	23.4	14.7	0.001	0.09	1.37	6.7	1.7	0.3	9.1	0.01	0.05	1.6
E843536		0.27	22.8	870	23.5	11.7	0.001	0.08	1.19	5.7	1.5	0.3	7.4	0.01	0.05	1.5
E843537		0.25	11.5	480	9.9	6.4	0.001	0.06	0.59	3.4	1.0	0.2	16.2	0.01	0.04	1.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842762		0.010	0.37	1.37	20	0.07	16.10	94	3.5
E842763		0.010	0.32	1.27	19	0.06	14.20	95	3.1
E842764		0.012	0.14	0.75	28	0.12	5.22	55	<0.5
E842765		0.006	0.43	1.23	14	<0.05	13.05	67	3.3
E842766		0.006	0.78	1.28	14	<0.05	14.05	62	3.8
E842767		0.006	0.39	1.05	14	<0.05	16.25	96	4.2
E842768		0.012	0.22	0.92	18	0.08	12.60	69	2.9
E842769		0.020	0.16	0.98	31	0.15	12.60	64	1.2
E842770		0.016	0.25	0.96	27	0.10	10.30	61	0.7
E842771		0.006	0.43	1.08	17	<0.05	16.35	49	2.6
E842772		0.009	0.48	1.24	18	0.06	19.35	55	2.5
E842773		0.006	0.50	1.14	16	0.05	18.10	50	2.7
E842774		0.006	0.75	1.18	14	<0.05	14.60	53	3.3
E842775		0.005	0.50	1.50	14	<0.05	18.45	59	2.7
E842776		0.018	0.27	0.84	30	0.13	9.57	67	0.8
E842777		0.018	0.20	0.84	29	0.28	9.80	69	1.0
E842778		0.022	0.16	0.99	32	0.18	11.75	61	0.8
E842779		0.021	0.34	1.30	30	0.17	18.20	90	1.9
E842780		0.014	0.46	1.27	20	0.07	13.25	67	2.8
E842781		0.009	0.33	1.01	17	<0.05	14.80	50	2.6
E842782		0.011	0.42	1.23	19	0.07	15.85	58	4.0
E842783		0.007	0.27	0.96	16	0.05	12.85	55	3.3
E842784		0.009	0.28	0.88	18	0.10	15.65	58	3.1
E842785		0.016	0.50	1.22	26	0.11	16.05	65	0.9
E843051		0.024	0.15	0.69	49	0.27	3.44	55	0.7
E843052		0.015	0.14	0.78	44	0.26	3.89	66	<0.5
E843053		0.031	0.12	1.12	50	0.42	4.05	54	0.7
E843054		0.022	0.15	5.10	97	0.34	50.10	84	1.6
E843055		0.018	0.16	1.14	66	0.32	4.66	73	0.6
E843527		0.007	0.18	0.73	12	0.08	19.35	71	2.3
E843528		0.008	0.14	0.93	15	0.07	17.55	51	2.5
E843529		0.017	0.22	1.08	29	0.28	18.10	75	1.6
E843530		0.017	0.20	1.34	26	0.11	19.60	80	1.7
E843531		0.013	0.19	0.66	23	0.10	21.00	78	3.5
E843532		0.009	0.15	0.80	18	0.07	21.70	52	3.1
E843533		0.014	0.70	1.10	29	0.10	22.60	103	2.9
E843534		0.024	0.35	0.76	39	0.16	7.26	70	<0.5
E843535		0.015	0.84	1.91	27	0.10	27.40	95	1.5
E843536		0.013	0.56	0.83	26	0.10	23.60	106	1.1
E843537		0.010	0.13	0.47	18	0.10	17.25	63	1.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E843538		0.52	0.005	0.25	1.30	9.8	<0.2	<10	170	1.31	0.32	1.00	0.40	45.20	18.6	18
E843539		0.52	<0.005	0.71	0.68	6	<0.2	<10	90	0.81	0.17	10.85	0.19	25.90	23.1	8
E843540		0.30	<0.005	0.18	1.41	11.1	<0.2	<10	160	1.59	0.93	0.55	0.29	32.60	20.5	17
E843541		0.42	<0.005	0.17	1.51	11.1	<0.2	<10	160	1.77	0.97	0.47	0.21	35.30	19.5	19
E843542		0.32	<0.005	0.33	1.47	11.2	<0.2	<10	120	1.10	2.13	5.38	0.21	33.00	21.4	13
E843543		0.40	0.005	0.35	0.88	19	<0.2	10	100	0.74	1.44	12.75	0.19	20.20	14.1	7
E843544		0.34	0.007	0.72	2.69	21.7	<0.2	<10	240	1.52	0.71	1.32	0.59	40.90	22.2	27
E843545		0.36	<0.005	0.09	0.46	9	<0.2	10	40	0.29	0.12	16.40	0.12	10.45	3.6	4
E843546		0.46	<0.005	0.07	0.40	<2	<0.2	10	90	0.35	0.08	16.25	0.14	10.45	3.0	3
E843547		0.44	0.007	0.17	0.90	<2	<0.2	10	110	0.59	0.33	12.05	0.28	18.05	7.1	9
E843548		0.42	<0.005	0.10	0.41	7	<0.2	10	50	0.29	0.23	17.15	0.11	9.60	3.3	4
E843549		0.40	<0.005	0.20	1.39	12	<0.2	10	180	0.85	0.30	10.25	0.34	22.40	9.1	14
E843550		0.44	0.005	0.23	1.43	8.1	<0.2	10	180	1.11	0.35	8.54	0.38	26.30	11.6	14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E843538		0.89	31.2	5.72	3.96	0.14	0.10	0.06	0.081	0.10	22.5	12.3	0.98	4190	0.82	0.01
E843539		0.82	15.0	3.38	2.08	0.09	0.07	0.06	0.059	0.06	12.3	7.7	6.88	3470	0.38	0.02
E843540		4.16	30.6	3.95	5.53	0.10	0.05	0.07	0.181	0.11	15.4	12.7	0.33	2350	1.15	0.01
E843541		4.50	30.8	3.97	5.76	0.11	0.06	0.05	0.180	0.11	17.6	14.0	0.33	1900	1.13	0.01
E843542		1.16	43.5	5.60	4.17	0.13	0.12	0.07	0.220	0.09	16.1	17.3	5.12	6510	0.72	0.02
E843543		0.66	14.9	3.86	2.33	0.09	0.07	0.06	0.132	0.06	9.9	12.1	8.53	3740	0.75	0.03
E843544		1.80	33.4	7.44	7.35	0.17	0.09	0.12	0.195	0.09	21.1	39.5	2.74	5480	1.28	0.02
E843545		0.33	7.0	2.43	1.18	0.09	0.04	0.05	0.113	0.02	5.7	5.2	10.40	1570	0.42	0.03
E843546		0.28	11.8	1.88	0.95	0.07	0.05	0.06	0.082	0.02	5.8	4.2	10.15	1615	0.32	0.03
E843547		0.66	21.5	3.05	2.19	0.08	0.07	0.04	0.122	0.04	9.8	6.2	7.91	2360	1.03	0.03
E843548		0.34	7.7	1.94	0.96	0.06	0.04	0.04	0.069	0.02	5.3	3.9	10.75	1255	0.67	0.03
E843549		0.87	20.6	4.09	3.43	0.10	0.07	0.04	0.151	0.06	12.1	9.6	6.93	2960	1.08	0.03
E843550		1.04	22.9	5.39	3.57	0.12	0.08	0.06	0.226	0.06	14.1	11.4	5.70	3780	1.21	0.02

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CERTIFICATE OF ANALYSIS VA07099364

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E843538		0.33	23.0	690	21.0	11.0	0.001	0.07	0.97	5.5	1.5	0.4	8.6	0.01	0.05	1.9
E843539		0.18	12.7	440	11.2	7.0	0.001	0.06	0.52	3.6	1.0	0.2	18.8	0.01	0.03	1.4
E843540		0.43	19.1	1270	28.5	20.4	0.001	0.11	1.22	4.2	1.0	0.6	12.1	0.01	0.06	0.9
E843541		0.46	19.7	1310	26.6	21.1	0.001	0.09	1.19	4.6	1.0	0.6	11.2	0.01	0.06	1.2
E843542		0.20	19.3	540	23.7	10.0	0.001	0.06	0.92	6.5	1.1	0.3	14.9	0.01	0.04	3.4
E843543		0.19	16.2	450	23.1	5.7	0.001	0.06	1.17	3.6	1.0	0.2	29.8	0.01	0.03	1.5
E843544		0.41	43.1	1070	35.7	12.3	0.001	0.12	1.95	4.7	1.8	0.5	11.8	0.01	0.06	1.5
E843545		0.21	7.2	310	7.9	2.4	0.001	0.04	0.74	2.0	0.6	0.2	28.2	<0.01	0.02	0.9
E843546		0.14	5.3	370	7.4	2.1	0.001	0.06	0.29	1.6	0.8	<0.2	27.1	0.01	0.03	0.3
E843547		0.34	14.4	500	13.1	5.6	0.001	0.07	0.60	2.6	0.9	0.2	27.2	0.01	0.03	1.0
E843548		0.22	6.9	260	8.9	2.5	0.001	0.05	0.43	1.6	0.7	<0.2	32.4	<0.01	0.02	0.7
E843549		0.28	21.8	1100	18.3	7.6	0.001	0.10	0.75	2.5	1.1	0.3	27.8	0.01	0.04	0.7
E843550		0.28	23.2	1110	23.9	7.4	0.001	0.12	1.04	3.0	1.3	0.3	23.0	0.01	0.04	0.8

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	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E843538		0.015	0.34	0.89	30	0.13	26.40	104	1.5
E843539		0.007	0.28	0.40	16	0.09	17.60	97	1.2
E843540		0.016	0.71	0.81	36	0.13	15.05	86	0.6
E843541		0.015	0.73	0.86	36	0.12	16.75	80	0.8
E843542		0.008	0.56	0.80	22	0.06	21.20	131	2.6
E843543		0.007	0.25	0.85	18	0.06	16.75	69	1.4
E843544		0.019	0.42	1.39	46	0.14	28.50	170	1.4
E843545		0.007	0.04	0.93	17	0.10	12.85	32	0.9
E843546		0.005	0.05	0.81	16	<0.05	15.35	37	0.8
E843547		0.015	0.10	1.00	30	0.13	17.05	62	1.1
E843548		0.007	0.05	1.08	18	0.09	10.55	28	0.8
E843549		0.011	0.16	1.18	37	0.18	20.40	95	1.2
E843550		0.013	0.15	1.32	36	0.20	28.90	111	1.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 21-SEP-2007
Account: EIAFRG

CERTIFICATE VA07099365

Project: Werneckes

P.O. No.: FRG07-01

This report is for 14 Soil samples submitted to our lab in Vancouver, BC, Canada on 16-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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VANCOUVER BC V6C 1G8

Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099365

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842786		0.30	<0.005	0.14	0.97	30.0	<0.2	<10	210	1.18	2.53	0.15	0.27	35.80	21.8	13
E842787		0.28	<0.005	0.34	0.68	8.2	<0.2	<10	70	2.17	1.10	0.47	0.14	29.20	11.6	10
E842788		0.32	0.040	0.38	0.78	13.7	<0.2	<10	120	1.63	1.34	0.49	0.26	31.80	21.0	11
E842789		0.32	<0.005	0.89	0.93	25.4	<0.2	<10	130	2.17	4.64	0.63	0.23	48.40	27.2	12
E842790		0.18	<0.005	0.42	1.13	13.9	<0.2	<10	140	1.58	0.67	0.52	0.21	33.20	31.8	19
E842791		0.22	<0.005	0.25	0.77	9.7	<0.2	<10	120	0.87	0.37	1.70	0.30	38.10	45.9	12
E842792		0.26	<0.005	0.31	0.63	12.3	<0.2	<10	90	1.32	1.11	0.50	0.17	34.90	18.1	10
E842793		0.28	<0.005	0.25	0.60	9.6	<0.2	<10	140	1.70	1.02	0.45	0.13	47.00	12.3	8
E842794		0.46	<0.005	0.62	1.44	27.4	<0.2	<10	120	3.02	2.48	0.06	0.23	58.30	51.2	12
E842795		0.32	<0.005	0.27	1.39	20.5	<0.2	<10	140	2.63	2.98	0.22	0.40	53.40	46.3	16
E842796		0.26	<0.005	1.13	0.38	22	<0.2	10	120	0.69	2.18	15.20	1.44	16.55	24.6	4
E842797		0.38	<0.005	0.15	0.63	6	<0.2	10	50	0.58	0.26	14.35	0.10	18.75	7.9	5
E842798		0.04	<0.005	0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.03	0.01	1.07	0.1	<1
E842799		0.26	<0.005	0.16	0.80	14	<0.2	10	70	0.69	0.25	14.70	0.18	19.05	8.5	7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099365

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842786		2.80	57.9	4.19	5.27	0.07	0.02	0.07	0.206	0.11	17.5	7.8	0.14	2580	1.55	<0.01
E842787		2.76	36.5	2.66	1.84	0.07	0.09	0.04	0.111	0.10	13.4	4.4	0.24	2940	0.65	<0.01
E842788		1.52	48.2	3.24	2.28	0.08	0.10	0.05	0.147	0.09	15.2	6.0	0.32	3040	0.80	<0.01
E842789		1.65	72.0	4.38	2.83	0.12	0.19	0.08	0.105	0.19	23.2	6.1	0.31	5450	1.39	0.01
E842790		3.54	43.1	3.17	5.55	0.08	0.03	0.09	0.073	0.10	15.2	15.2	0.34	1480	1.37	0.01
E842791		0.60	25.4	4.26	2.58	0.11	0.07	0.05	0.071	0.07	17.9	7.7	1.09	2910	0.89	0.01
E842792		1.27	30.4	3.00	2.19	0.08	0.07	0.07	0.102	0.08	18.4	4.7	0.20	1775	1.16	<0.01
E842793		2.40	28.6	4.19	2.18	0.12	0.14	0.05	0.220	0.10	22.6	4.4	0.24	4760	0.68	<0.01
E842794		4.63	469.0	6.62	5.25	0.17	0.06	0.07	0.826	0.12	27.2	15.1	0.50	7140	1.75	<0.01
E842795		6.61	84.8	5.79	4.76	0.15	0.10	0.07	0.377	0.12	25.6	14.1	0.44	7380	1.55	<0.01
E842796		0.36	95.7	4.81	1.25	0.08	0.06	0.15	0.141	0.04	8.3	3.1	9.21	4550	1.53	0.03
E842797		0.52	15.1	2.56	1.76	0.08	0.07	0.05	0.102	0.06	9.3	13.0	9.28	1885	0.43	0.03
E842798		<0.05	0.6	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	0.1	0.02	5	<0.05	<0.01
E842799		0.46	11.9	3.02	2.15	0.09	0.06	0.06	0.091	0.05	10.5	14.3	9.54	2200	0.71	0.03

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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VANCOUVER BC V6C 1G8

Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099365

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842786		0.70	16.8	500	21.5	19.4	0.001	0.04	1.62	2.9	0.5	0.7	6.8	<0.01	0.06	2.7
E842787		0.19	14.7	590	21.5	13.6	0.001	0.05	1.60	4.0	0.8	0.3	8.8	0.01	0.04	1.8
E842788		0.25	18.4	680	20.4	11.4	0.001	0.06	2.07	4.2	0.9	0.3	9.2	0.01	0.04	2.1
E842789		0.19	36.3	840	24.1	15.4	0.001	0.07	2.50	6.8	1.0	0.3	9.3	0.01	0.06	2.9
E842790		0.46	22.3	1140	38.6	21.2	0.001	0.10	1.66	3.4	0.9	0.6	10.9	<0.01	0.06	0.6
E842791		0.28	21.7	620	18.6	7.2	<0.001	0.09	1.10	4.6	1.3	0.3	8.4	<0.01	0.04	1.8
E842792		0.27	20.7	770	21.1	8.3	<0.001	0.07	1.51	3.6	0.8	0.2	9.1	<0.01	0.03	1.7
E842793		0.17	16.9	560	16.6	11.0	<0.001	0.05	1.35	5.5	0.9	0.2	8.3	<0.01	0.04	3.5
E842794		0.34	31.1	690	29.3	17.1	<0.001	0.02	3.48	7.6	1.0	0.4	6.9	<0.01	0.04	8.4
E842795		0.29	36.3	1040	26.6	19.2	<0.001	0.06	3.28	7.3	1.4	0.4	8.1	0.01	0.05	3.1
E842796		0.23	22.1	280	274.0	3.6	<0.001	0.04	3.93	2.5	2.1	<0.2	54.7	<0.01	0.03	1.3
E842797		0.14	10.3	340	9.7	4.2	<0.001	0.04	0.69	3.6	0.7	<0.2	33.7	<0.01	0.02	1.9
E842798		<0.05	0.3	10	0.5	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.2
E842799		0.25	14.1	320	12.8	4.2	<0.001	0.04	1.08	2.7	0.9	0.2	29.2	<0.01	0.02	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 21-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07099365

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842786		0.017	0.23	0.67	41	0.14	4.65	58	<0.5
E842787		0.009	0.14	0.75	15	0.06	14.05	41	1.5
E842788		0.012	0.15	1.08	19	0.09	15.95	80	2.0
E842789		0.006	0.34	0.86	15	0.05	19.95	59	3.7
E842790		0.019	1.12	1.03	38	0.16	10.55	63	<0.5
E842791		0.013	0.22	0.75	22	0.12	16.65	78	1.3
E842792		0.013	0.06	0.77	18	0.05	12.65	69	1.5
E842793		0.006	0.07	0.74	12	<0.05	17.90	48	3.4
E842794		0.016	0.46	1.38	21	0.07	16.90	68	1.5
E842795		0.013	0.56	1.34	23	0.08	24.20	79	1.4
E842796		0.007	0.23	0.92	15	<0.05	12.90	363	1.3
E842797		<0.005	0.09	0.65	13	<0.05	13.90	36	1.7
E842798		<0.005	<0.02	0.09	<1	<0.05	0.63	2	0.5
E842799		0.009	<0.02	0.95	18	0.08	14.60	51	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

Appendix I.4: Certificates of Analysis Silt

Geochemistry

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Finalized Date: 23-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071730

Project: Werneckes

P.O. No.: FRG07-01

This report is for 32 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E840152		0.02	<0.005	0.05	2.98	1.9	<0.2	<10	60	0.69	0.44	0.06	0.04	50.50	15.9	25
E840153		0.02	<0.005	0.05	2.17	0.9	<0.2	<10	50	0.72	0.19	0.05	0.03	103.50	12.8	20
E840154		0.02	<0.005	0.05	1.93	8.0	<0.2	<10	90	0.99	0.35	0.12	0.12	79.10	14.3	23
E840155		0.02	<0.005	0.12	1.61	4.3	<0.2	<10	70	0.51	0.56	0.05	0.85	56.90	10.7	21
E840156		0.04	<0.005	0.05	1.18	1.4	<0.2	<10	50	0.31	0.14	0.03	0.03	54.10	7.6	32
E840158		<0.02	NSS	0.18	0.27	1.0	<0.2	<10	90	0.21	0.11	0.20	0.31	32.50	2.1	113
E840159		<0.02	NSS	0.15	0.60	2.3	<0.2	<10	80	0.30	0.18	0.07	0.14	22.00	3.0	57
E840160		0.02	<0.005	0.02	1.70	1.1	<0.2	<10	40	0.41	0.17	0.03	0.02	71.00	12.0	51
E840162		0.02	NSS	0.04	1.53	7.9	<0.2	<10	1490	1.21	0.59	0.42	0.10	56.50	21.2	58
E840163		0.04	<0.005	0.04	1.92	16.7	<0.2	<10	200	0.56	0.34	0.08	0.06	66.50	14.9	47
E840164		0.02	0.027	0.11	3.08	22.6	<0.2	<10	250	1.03	1.88	0.20	0.06	62.20	30.3	57
E840165		0.02	<0.005	0.02	4.97	5.2	<0.2	<10	240	0.87	0.61	0.13	0.04	57.50	19.1	67
E840166		<0.02	NSS	0.15	0.59	7.0	<0.2	<10	1230	0.46	0.58	1.13	0.30	29.10	14.2	18
E840167		0.02	<0.005	0.04	3.76	8.2	<0.2	<10	380	0.85	0.72	0.16	0.09	84.20	21.1	68
E840168		0.04	<0.005	0.06	3.85	10.2	<0.2	<10	470	1.09	5.91	1.08	0.03	105.00	23.5	50
E840169		Not Recvd														
E840170		0.02	0.007	0.13	1.46	59.2	<0.2	<10	210	0.84	1.33	0.44	0.13	38.40	40.6	38
E840171		0.02	<0.005	0.08	1.02	14.2	<0.2	<10	50	0.66	0.78	0.02	0.03	66.20	11.2	25
E840172		0.02	0.010	0.15	2.26	45.3	<0.2	<10	140	2.22	2.57	0.03	0.05	79.40	82.2	36
E840173		0.02	<0.005	0.05	1.45	4.3	<0.2	<10	340	0.38	0.35	0.09	0.10	39.20	16.4	34
E840174		0.02	0.019	0.02	1.54	4.7	<0.2	<10	280	0.49	0.19	0.13	0.08	99.70	12.4	61
E840175		0.02	<0.005	0.07	1.99	53.9	<0.2	<10	420	1.17	0.74	0.14	0.20	85.40	40.8	46
E840176		0.04	<0.005	0.13	3.12	42.9	<0.2	<10	260	1.06	1.34	0.07	0.06	100.00	49.6	49
E840177		0.02	<0.005	0.46	1.43	25.1	<0.2	<10	240	0.82	0.88	0.09	0.15	55.60	17.0	29
E840178		0.04	<0.005	0.27	1.92	39.7	<0.2	<10	120	1.40	1.82	0.02	0.18	79.70	22.8	41
E840179		0.02	0.005	0.04	1.09	5.5	<0.2	<10	280	0.21	0.28	0.13	0.12	78.60	12.9	46
E840180		0.02	<0.005	0.03	1.72	5.8	<0.2	<10	360	0.65	0.32	0.52	0.08	46.80	11.9	37
E840181		0.02	0.013	0.25	2.74	54.9	<0.2	<10	60	1.70	2.86	0.02	0.06	97.20	31.7	44
E840182		0.08	0.100	2.02	2.48	977.0	<0.2	<10	80	3.31	4.64	0.03	0.20	81.50	92.5	35
E840183		0.04	0.041	0.29	2.42	104.5	<0.2	<10	60	1.39	5.97	0.03	0.07	93.90	12.1	29
E840184		0.02	0.005	0.13	2.73	46.7	<0.2	<10	50	1.05	4.63	0.02	0.07	85.60	6.5	24
E840185		0.02	<0.005	0.24	2.59	82.3	<0.2	<10	40	1.54	5.33	0.03	0.09	69.70	15.2	23

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840152		1.37	2.1	4.46	5.57	0.07	0.03	0.01	0.041	0.15	16.6	93.5	1.12	1880	0.40	0.02
E840153		1.41	21.8	3.19	6.60	0.11	0.08	0.01	0.012	0.20	58.7	35.4	0.77	643	0.37	0.06
E840154		1.92	45.6	3.43	5.57	0.07	0.09	0.03	0.021	0.11	29.2	32.5	0.69	592	0.97	0.02
E840155		1.30	26.0	3.31	6.24	0.07	0.06	0.02	0.015	0.16	27.7	23.8	0.57	521	0.69	0.04
E840156		0.96	3.5	2.21	5.24	0.07	<0.02	0.02	0.007	0.11	27.8	14.8	0.43	389	0.36	0.03
E840158		0.49	13.2	0.54	0.99	0.05	0.02	0.10	0.006	0.08	22.7	1.1	0.05	82	0.81	0.03
E840159		0.96	16.3	1.17	2.43	<0.05	<0.02	0.09	0.010	0.08	12.8	3.7	0.12	102	0.84	0.03
E840160		1.20	2.7	3.16	6.30	0.08	0.03	0.02	0.010	0.15	35.6	23.8	0.69	581	0.45	0.05
E840162		0.53	33.5	4.45	7.48	0.08	0.07	0.04	0.104	0.20	24.2	28.1	0.83	3970	0.90	0.03
E840163		0.44	13.4	4.24	7.61	0.08	0.03	0.03	0.043	0.14	33.5	31.5	1.42	2050	0.70	0.01
E840164		0.76	29.8	6.17	13.40	0.10	0.08	0.04	0.059	0.15	30.7	53.5	2.12	2780	1.92	0.01
E840165		0.54	10.6	7.72	19.50	0.12	0.07	0.01	0.030	0.13	31.5	80.0	3.74	1260	1.27	0.02
E840166		0.63	18.8	1.27	2.80	<0.05	0.04	0.11	0.027	0.10	24.9	6.2	0.30	3550	1.51	0.02
E840167		0.42	26.0	5.97	17.40	0.13	0.07	0.01	0.038	0.16	45.7	62.7	3.03	1990	2.88	0.02
E840168		1.18	40.1	5.64	11.45	0.13	0.08	0.01	0.084	0.24	59.8	72.3	3.63	2160	2.40	0.02
E840169																
E840170		0.56	136.0	4.00	7.28	0.07	0.03	0.09	0.058	0.18	20.6	18.1	0.73	1515	4.63	0.02
E840171		0.47	163.5	1.62	3.96	0.06	0.05	0.03	0.026	0.26	34.6	9.2	0.35	159	3.04	0.01
E840172		1.62	343.0	4.12	6.69	0.11	0.06	0.04	0.097	0.20	39.7	35.7	1.27	2310	10.45	0.02
E840173		0.38	10.8	3.83	8.76	0.06	0.02	0.03	0.042	0.11	21.8	17.1	0.78	3330	1.57	0.02
E840174		0.35	3.4	5.26	7.94	0.10	0.05	0.01	0.055	0.23	30.4	22.7	0.80	3090	0.89	0.02
E840175		0.41	72.8	5.69	8.32	0.09	0.07	0.03	0.045	0.18	26.4	29.0	0.89	3520	4.95	0.02
E840176		0.49	114.0	5.63	9.86	0.12	0.08	0.03	0.063	0.18	50.8	46.5	1.96	2270	7.43	0.03
E840177		0.58	108.0	3.19	5.02	0.08	0.13	0.03	0.032	0.18	33.2	15.1	0.55	721	6.54	0.04
E840178		0.96	206.0	5.74	6.75	0.12	0.06	0.08	0.045	0.17	39.6	24.3	1.10	1085	4.16	0.01
E840179		0.38	7.3	4.01	6.51	0.08	0.05	0.01	0.043	0.21	32.1	11.5	0.59	3490	0.90	0.01
E840180		0.67	10.6	2.99	6.31	0.06	0.08	0.02	0.038	0.19	26.5	21.1	1.36	1890	1.66	0.01
E840181		1.64	303.0	3.93	6.93	0.12	0.07	0.06	0.066	0.23	48.8	45.9	2.20	243	7.87	0.01
E840182		1.92	850.0	8.99	6.48	0.17	0.10	0.73	0.131	0.12	40.8	28.0	1.10	922	11.55	0.01
E840183		1.47	235.0	3.78	5.42	0.11	0.08	0.05	0.074	0.26	45.7	41.3	1.86	119	7.10	0.01
E840184		1.75	94.4	3.03	6.02	0.10	0.06	0.02	0.031	0.18	42.3	46.0	2.33	123	7.65	0.01
E840185		1.23	152.5	3.58	5.27	0.10	0.10	0.04	0.046	0.15	34.7	46.5	2.64	193	7.06	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840152		0.09	36.5	410	5.3	11.0	<0.001	0.01	0.13	4.1	0.3	0.2	2.3	<0.01	0.21	18.4
E840153		0.07	33.9	300	3.4	15.4	<0.001	<0.01	0.13	2.5	0.4	0.3	7.4	<0.01	0.07	22.8
E840154		0.59	35.7	660	9.9	10.7	<0.001	0.01	0.52	2.9	0.6	0.3	9.0	<0.01	0.08	18.3
E840155		0.49	27.1	380	30.5	14.9	<0.001	0.02	0.28	2.3	0.3	0.5	7.1	<0.01	0.04	15.1
E840156		0.18	21.3	340	2.8	10.5	<0.001	0.01	0.12	1.6	0.3	0.3	4.7	<0.01	0.02	9.4
E840158		0.10	8.0	1200	3.0	4.5	<0.001	0.10	0.28	1.2	0.7	0.4	8.1	<0.01	0.02	2.2
E840159		0.32	8.1	1010	4.3	6.1	<0.001	0.08	0.25	0.6	0.7	0.3	6.6	<0.01	0.04	0.3
E840160		0.13	31.6	390	2.7	11.6	<0.001	0.01	0.19	2.0	0.4	0.4	5.8	<0.01	0.03	13.6
E840162		0.29	37.1	990	6.0	14.2	<0.001	0.05	0.87	11.7	0.6	0.7	10.1	<0.01	0.05	6.7
E840163		0.28	21.2	710	4.0	7.7	<0.001	0.03	0.79	3.8	0.3	0.8	2.8	<0.01	0.03	5.2
E840164		0.24	41.3	950	14.8	7.5	<0.001	0.07	1.73	9.4	0.6	0.9	3.8	<0.01	0.05	9.5
E840165		0.17	49.0	700	3.0	7.1	<0.001	0.02	0.52	8.8	0.4	0.7	3.2	<0.01	0.04	9.9
E840166		0.16	11.8	1810	6.8	5.1	<0.001	0.22	0.55	2.2	1.0	0.2	15.9	<0.01	0.05	1.1
E840167		0.10	50.5	1010	2.3	8.9	<0.001	0.03	0.43	9.9	0.3	0.6	3.6	<0.01	0.06	7.5
E840168		0.06	34.9	930	2.1	8.9	<0.001	0.03	0.46	12.2	0.4	0.8	6.3	<0.01	0.04	14.9
E840169																
E840170		0.25	33.3	990	12.9	11.0	<0.001	0.09	2.49	5.1	1.0	0.4	7.6	<0.01	0.08	3.8
E840171		0.08	17.2	410	6.9	13.3	<0.001	0.03	0.86	1.2	0.5	0.2	1.8	<0.01	0.03	5.7
E840172		0.16	79.2	580	12.5	11.2	<0.001	0.02	1.43	4.8	1.1	0.2	2.9	<0.01	0.08	12.5
E840173		0.15	20.1	1010	4.9	6.9	<0.001	0.05	0.31	4.9	0.5	0.4	2.4	<0.01	0.04	5.0
E840174		0.14	30.2	760	3.7	9.9	<0.001	0.01	0.43	6.1	0.3	0.7	2.2	<0.01	0.03	10.6
E840175		0.18	54.3	850	6.8	9.8	<0.001	0.04	1.46	4.9	0.6	0.6	4.3	<0.01	0.08	10.8
E840176		0.07	46.4	670	9.3	9.0	0.001	0.08	1.22	5.2	0.9	0.3	3.8	<0.01	0.21	13.3
E840177		0.09	26.9	810	10.6	10.3	0.001	0.14	2.62	2.4	0.8	0.2	8.3	<0.01	0.09	8.6
E840178		0.08	52.7	610	19.1	8.4	0.001	0.06	2.88	2.5	0.7	0.3	2.1	<0.01	0.11	14.3
E840179		0.12	17.5	1010	5.2	9.8	<0.001	0.05	0.58	2.7	0.4	0.5	2.4	<0.01	0.04	6.1
E840180		0.08	18.0	850	3.3	6.2	<0.001	0.05	0.37	7.7	0.5	0.3	3.7	<0.01	0.03	12.2
E840181		0.11	50.3	540	16.7	11.3	<0.001	0.04	5.79	2.6	0.9	0.3	2.8	<0.01	0.11	12.0
E840182		0.26	123.5	1000	69.8	7.8	<0.001	0.09	36.60	3.7	2.4	0.3	5.1	0.01	0.48	23.4
E840183		0.09	19.0	770	21.9	11.3	<0.001	0.05	3.47	2.0	1.0	0.2	4.7	<0.01	0.18	14.8
E840184		0.11	9.1	690	14.8	9.3	<0.001	0.05	2.78	1.8	0.6	0.2	4.0	<0.01	0.12	9.7
E840185		0.14	16.2	860	18.0	7.1	0.001	0.05	4.13	2.0	0.9	0.2	3.1	<0.01	0.15	7.6

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 23-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071730

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840152		<0.005	0.11	1.85	18	0.31	3.01	37	1.1
E840153		0.005	0.14	2.41	15	0.07	5.73	64	2.5
E840154		0.026	0.10	1.99	29	0.13	5.25	69	2.8
E840155		0.030	0.15	1.22	29	0.60	2.97	185	2.0
E840156		0.019	0.09	1.01	18	0.10	2.06	36	<0.5
E840158		0.006	0.02	1.31	4	0.21	4.65	17	0.5
E840159		0.011	0.07	1.28	13	0.13	2.12	15	<0.5
E840160		0.023	0.08	1.30	23	0.07	2.42	34	0.6
E840162		0.018	0.11	1.82	79	0.59	8.67	52	1.4
E840163		0.023	0.20	1.64	45	0.58	1.87	37	0.7
E840164		0.016	1.16	2.43	64	0.40	4.44	66	2.4
E840165		0.011	0.07	1.31	94	0.18	1.97	87	2.3
E840166		0.009	0.14	1.07	15	0.09	3.55	43	0.9
E840167		0.009	0.06	1.50	128	0.19	2.95	74	1.7
E840168		0.014	1.34	1.91	70	0.24	7.57	46	2.4
E840169									
E840170		0.011	0.16	2.92	67	0.17	3.87	62	0.9
E840171		<0.005	0.14	2.74	11	0.11	3.55	19	1.1
E840172		0.006	0.13	8.34	23	0.13	7.94	36	1.5
E840173		0.009	0.09	1.44	50	0.28	2.30	31	0.5
E840174		0.025	0.19	2.18	40	0.78	5.29	37	1.3
E840175		0.011	0.69	3.02	51	0.30	6.06	62	1.8
E840176		<0.005	0.47	3.29	57	0.13	5.57	52	2.9
E840177		<0.005	0.26	2.18	19	0.13	5.13	30	3.6
E840178		0.011	0.36	3.04	29	0.29	6.49	79	1.7
E840179		0.017	0.14	1.33	30	0.40	2.17	38	1.1
E840180		<0.005	<0.02	2.08	27	0.23	5.57	39	2.0
E840181		0.005	<0.02	6.49	23	0.12	5.27	53	2.2
E840182		0.021	<0.02	7.97	34	0.15	11.50	195	5.6
E840183		<0.005	<0.02	4.80	17	0.15	4.29	55	4.1
E840184		0.005	<0.02	2.25	18	0.21	3.05	43	2.7
E840185		0.006	<0.02	2.74	20	0.14	3.09	53	2.8

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 20-JUL-2007
Account: EIAFRG

CERTIFICATE VA07071731

Project: Werneckes

P.O. No.: FRG07-01

This report is for 10 Sediment samples submitted to our lab in Vancouver, BC, Canada on 5-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07071731

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E845751		0.40	0.015	0.53	2.04	147.0	<0.2	<10	930	1.33	5.90	0.36	0.31	80.80	100.5	24
E845752		0.12	0.041	1.31	1.23	434.0	<0.2	<10	330	1.16	10.80	2.20	0.46	90.10	326.0	9
E845753		0.28	0.025	0.60	2.64	192.0	<0.2	<10	550	1.30	9.98	0.58	0.12	63.90	134.0	22
E845754		0.34	0.005	0.29	0.87	29.2	<0.2	<10	110	0.81	2.82	9.47	0.11	35.00	14.8	10
E845755		0.34	0.030	0.90	0.90	231.0	<0.2	<10	390	0.56	6.49	1.63	0.33	77.00	77.7	9
E845901		0.42	<0.005	0.69	3.56	35.6	<0.2	<10	60	3.25	1.17	0.14	0.52	167.00	23.7	22
E845902		0.34	0.008	2.65	0.28	102	<0.2	<10	80	0.51	1.96	10.35	0.47	16.45	8.7	4
E845903		0.32	<0.005	2.24	0.04	75	<0.2	<10	40	0.30	2.55	16.20	0.19	9.17	7.9	1
E845904		0.24	<0.005	2.45	0.04	83	<0.2	<10	40	0.30	1.12	14.60	0.31	9.21	7.5	<1
E845951		0.36	<0.005	0.21	0.58	40.4	<0.2	<10	440	0.68	1.53	1.16	0.17	26.50	52.5	8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 20-JUL-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07071731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E845751		2.43	281.0	6.45	7.45	0.16	0.12	0.08	0.134	0.08	47.1	46.8	1.85	4060	11.90	<0.01
E845752		1.41	2490.0	9.32	3.04	0.18	0.15	0.24	0.225	0.07	57.0	22.8	1.25	6540	24.90	0.01
E845753		2.09	322.0	7.58	7.77	0.17	0.14	0.09	0.140	0.06	37.5	69.3	3.34	2740	19.60	<0.01
E845754		1.72	56.6	3.56	2.44	0.16	0.08	0.03	0.112	0.07	17.5	34.3	6.30	2880	1.45	0.01
E845755		0.88	490.0	6.96	3.00	0.15	0.10	0.15	0.097	0.06	51.2	20.6	1.06	4310	15.50	<0.01
E845901		4.10	145.5	4.38	5.97	0.21	0.16	0.03	0.058	0.06	70.6	43.7	0.67	872	4.55	0.01
E845902		0.56	40.3	8.02	0.82	0.13	0.06	0.70	0.067	0.04	8.3	5.8	6.28	2300	3.10	0.01
E845903		0.13	52.0	7.05	0.21	0.09	0.04	0.57	0.083	0.01	4.4	3.3	8.60	1850	1.23	0.01
E845904		0.13	36.6	7.69	0.22	0.11	0.05	0.94	0.105	0.01	4.5	2.7	8.52	1835	1.96	0.01
E845951		1.40	80.6	3.41	1.69	0.07	0.08	0.08	0.095	0.06	13.0	6.3	0.65	2300	4.04	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07071731

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
E845751		0.17	56.9	1090	19.1	8.7	<0.001	0.11	2.61	10.9	1.2	0.6	9.7	0.01	0.18	12.7
E845752		0.41	99.8	1480	32.8	8.4	0.001	0.23	3.78	5.3	2.1	0.4	22.2	0.02	0.47	17.3
E845753		0.11	55.6	1060	20.7	6.1	0.001	0.21	3.52	10.1	1.6	0.6	9.4	0.01	0.22	11.1
E845754		0.10	22.3	460	29.8	6.6	<0.001	0.04	1.86	2.7	0.9	0.2	19.0	0.01	0.06	6.6
E845755		0.31	39.8	1200	21.6	6.0	0.001	0.18	2.80	2.7	1.3	0.4	13.7	0.01	0.31	8.5
E845901		1.12	39.2	810	121.5	9.1	0.001	0.47	2.99	3.1	2.0	0.3	11.1	0.03	0.11	23.9
E845902		0.18	31.1	360	179.0	3.6	<0.001	0.61	9.74	2.7	0.9	<0.2	18.7	0.01	0.04	1.7
E845903		0.09	24.4	120	155.0	1.1	<0.001	0.60	10.05	1.6	0.6	<0.2	26.1	<0.01	0.02	1.0
E845904		0.08	20.3	80	170.0	1.0	<0.001	0.78	10.80	1.4	0.6	<0.2	22.1	<0.01	0.01	0.7
E845951		0.22	22.4	570	13.5	6.8	<0.001	0.08	1.00	2.8	0.9	0.2	11.0	<0.01	0.06	7.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07071731

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E845751		0.011	3.67	12.65	47	0.50	16.65	198	3.1
E845752		0.005	4.79	22.00	30	1.13	21.60	269	3.1
E845753		0.007	5.49	24.30	44	0.52	13.95	69	3.9
E845754		0.012	1.04	1.76	13	0.07	13.10	64	3.3
E845755		<0.005	3.22	8.18	32	1.61	11.95	160	2.5
E845901		0.019	0.14	10.40	20	0.48	38.10	288	3.7
E845902		0.005	1.20	1.40	10	0.07	14.30	300	1.5
E845903		<0.005	1.22	1.26	6	<0.05	9.77	92	1.9
E845904		<0.005	1.68	1.23	5	<0.05	9.53	272	2.3
E845951		0.010	0.17	3.46	12	0.14	9.06	41	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE VA07083928

Project: Werneckes

P.O. No.: FRG07-01

This report is for 61 Soil samples submitted to our lab in Vancouver, BC, Canada on 1-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E842595		0.32	0.022	0.52	1.73	78.3	<0.2	<10	100	1.51	1.96	0.09	0.30	110.50	17.6	27
E842596		0.28	0.015	1.22	2.30	201.0	<0.2	<10	110	3.43	3.95	0.06	0.27	187.00	16.6	32
E842597		0.28	0.019	1.06	2.29	162.0	<0.2	<10	150	3.46	3.89	0.10	0.47	269.00	40.4	77
E842598		0.24	<0.005	0.12	2.31	26.0	<0.2	<10	130	1.27	0.67	0.16	0.15	132.00	15.7	30
E842599		0.22	<0.005	0.68	2.09	106.0	<0.2	<10	110	2.55	3.19	0.05	0.18	147.00	6.6	28
E842600		0.26	<0.005	0.53	1.80	178.5	<0.2	<10	70	1.49	5.83	0.11	0.28	130.00	19.4	31
E842601		0.22	0.005	0.19	2.36	34.5	<0.2	<10	90	1.30	1.11	0.07	0.21	62.20	16.4	25
E842602		0.30	0.046	0.45	1.83	74.1	<0.2	<10	70	1.41	2.58	0.02	0.16	121.00	6.9	28
E842603		0.24	<0.005	0.37	2.41	85.4	<0.2	<10	80	1.78	1.94	0.10	0.15	59.00	5.5	28
E842604		0.30	0.019	1.24	2.21	130.0	<0.2	<10	130	2.52	3.81	0.04	0.20	130.00	9.1	27
E842605		0.26	0.005	0.17	1.85	30.8	<0.2	<10	100	0.90	0.78	0.13	0.25	72.80	14.9	27
E842606		0.22	<0.005	0.39	2.36	53.5	<0.2	<10	110	1.54	1.34	0.04	0.14	125.50	13.8	35
E842607		0.44	<0.005	0.29	1.64	28.2	<0.2	<10	60	0.93	0.82	0.03	0.17	46.70	9.1	26
E842608		0.24	<0.005	0.42	2.16	17.2	<0.2	<10	110	2.10	1.46	0.05	0.31	137.00	11.5	31
E842609		0.26	<0.005	0.12	1.43	37.5	<0.2	<10	50	0.98	0.95	0.03	0.09	49.20	6.3	20
E842610		0.38	0.011	0.36	1.68	51.9	<0.2	<10	50	1.08	1.82	0.01	0.06	91.30	6.8	40
E842611		0.30	<0.005	0.49	3.73	17.9	<0.2	<10	70	2.65	0.56	0.05	0.46	60.60	14.3	33
E842612		0.24	<0.005	0.06	1.95	26.8	<0.2	<10	60	1.01	1.86	0.06	0.18	84.60	13.4	26
E842613		0.34	0.019	0.04	1.57	6.6	<0.2	<10	70	0.61	0.31	0.05	0.08	95.90	8.8	22
E842614		0.30	<0.005	0.06	1.49	9.7	<0.2	<10	70	0.47	0.42	0.05	0.10	48.50	8.9	24
E842615		0.34	0.007	0.06	1.92	11.9	<0.2	<10	210	2.65	0.39	0.20	0.14	86.20	19.8	25
E842616		0.42	0.005	0.05	1.25	7.6	<0.2	<10	70	0.68	0.40	0.07	0.11	58.40	8.6	17
E842617		0.30	0.013	0.07	1.77	7.3	<0.2	<10	60	1.55	0.68	0.05	0.14	89.30	16.9	21
E842618		0.30	0.023	0.06	2.37	6.3	<0.2	<10	570	3.11	0.43	0.40	0.17	235.00	35.0	267
E842619		0.56	<0.005	0.06	0.68	3.6	<0.2	<10	30	0.26	0.30	0.02	0.06	84.20	3.6	16
E842620		0.38	0.014	0.06	1.28	9.6	<0.2	<10	60	0.82	1.04	0.04	0.10	101.00	9.5	19
E842621		0.24	<0.005	0.05	2.18	10.2	<0.2	<10	90	1.72	0.45	0.08	0.14	74.90	15.8	25
E842622		0.22	0.005	0.07	1.85	11.5	<0.2	<10	110	0.83	0.38	0.10	0.12	39.00	10.9	20
E842623		0.24	<0.005	0.04	0.79	3.4	<0.2	<10	30	0.19	0.23	0.03	0.03	81.70	3.8	16
E842624		0.18	0.027	0.17	0.34	2.2	<0.2	<10	60	0.12	0.15	0.07	0.18	27.40	2.3	8
E842625		0.28	0.015	0.04	1.48	10.3	<0.2	<10	60	0.67	0.37	0.05	0.10	47.50	8.7	24
E842626		0.24	0.015	0.14	1.57	17.2	<0.2	<10	70	0.76	0.44	0.12	0.26	56.40	12.6	19
E842627		0.32	0.006	0.16	1.24	13.1	<0.2	<10	60	0.65	0.58	0.05	0.24	32.10	7.3	19
E842628		0.36	<0.005	0.19	1.18	22.9	<0.2	<10	60	0.77	0.73	0.06	0.13	57.20	7.3	19
E842629		0.34	0.006	0.18	1.19	27.3	<0.2	<10	40	0.78	1.27	0.03	0.13	44.40	9.6	23
E842630		0.04	0.055	<0.01	0.01	0.1	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.26	0.1	<1
E842631		0.36	<0.005	0.12	1.64	12.8	<0.2	<10	100	0.78	0.43	0.16	0.26	81.30	21.1	24
E842632		0.16	0.046	0.34	2.21	59.2	<0.2	<10	60	1.39	2.52	0.02	0.07	173.00	7.1	28
E842633		0.28	0.010	0.28	1.65	86.5	<0.2	<10	100	2.26	1.91	0.11	0.67	68.10	19.5	24
E842634		0.28	0.006	0.30	1.68	85.3	<0.2	<10	100	2.07	1.94	0.10	0.63	65.90	19.6	25

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842595		5.60	112.0	5.56	6.54	0.11	0.06	0.05	0.068	0.07	61.0	20.4	0.46	581	6.64	0.02
E842596		10.40	176.5	8.68	7.16	0.19	0.05	0.06	0.132	0.07	108.0	29.4	0.53	656	15.00	0.04
E842597		9.06	211.0	8.99	7.55	0.27	0.09	0.07	0.103	0.09	129.0	29.7	0.73	812	13.60	0.05
E842598		2.85	47.4	3.92	6.58	0.08	0.04	0.08	0.044	0.08	29.1	22.6	0.66	669	1.74	0.01
E842599		5.14	98.9	8.04	7.70	0.12	0.04	0.06	0.239	0.08	95.7	22.1	0.48	343	8.12	0.06
E842600		8.21	84.3	8.28	7.08	0.18	0.05	0.04	0.065	0.12	75.7	16.0	0.56	471	20.20	0.03
E842601		3.25	50.5	4.79	6.72	0.07	0.03	0.06	0.043	0.07	28.8	27.6	0.46	434	3.95	0.01
E842602		4.60	98.9	10.10	7.35	0.17	0.04	0.06	0.074	0.06	79.2	25.0	0.64	592	11.65	0.03
E842603		3.06	74.3	8.81	7.94	0.10	0.04	0.05	0.062	0.07	36.3	19.9	0.47	451	9.85	0.02
E842604		7.11	83.3	7.66	6.84	0.16	0.05	0.13	0.094	0.08	74.8	19.2	0.44	651	13.15	0.03
E842605		3.18	47.4	4.43	5.72	0.09	0.04	0.03	0.043	0.07	39.9	19.0	0.51	640	3.71	0.02
E842606		8.72	78.4	8.50	8.49	0.15	0.03	0.02	0.051	0.36	80.8	24.5	0.87	581	9.39	0.04
E842607		5.76	31.7	5.53	9.84	0.09	0.02	0.06	0.034	0.12	25.7	13.4	0.52	467	4.51	0.01
E842608		5.78	73.6	7.47	7.13	0.16	0.03	0.03	0.085	0.19	75.9	20.7	0.53	491	8.57	0.04
E842609		5.90	31.7	5.01	10.45	0.09	0.03	0.06	0.034	0.07	26.4	13.1	0.26	265	5.83	0.01
E842610		6.49	102.5	12.25	8.52	0.25	0.04	0.02	0.058	0.33	59.4	21.6	0.84	548	6.93	0.04
E842611		6.65	55.1	5.42	6.50	0.11	0.07	0.09	0.068	0.11	29.6	42.3	0.52	543	4.40	0.02
E842612		6.11	18.8	3.87	7.44	0.11	0.02	0.03	0.034	0.09	42.1	35.9	0.53	620	2.31	0.01
E842613		4.47	9.0	4.25	9.06	0.12	0.02	0.04	0.023	0.07	49.3	27.1	0.28	435	1.30	0.01
E842614		3.81	17.5	3.85	7.08	0.08	0.06	0.04	0.027	0.06	24.7	24.2	0.39	360	1.63	0.01
E842615		19.70	72.0	3.68	6.48	0.11	0.06	0.08	0.042	0.08	40.9	33.5	0.50	2190	3.36	0.01
E842616		6.64	34.6	3.91	7.93	0.09	0.02	0.07	0.030	0.06	27.6	12.5	0.23	645	1.73	0.01
E842617		9.75	58.9	5.09	8.42	0.11	0.03	0.07	0.044	0.06	42.9	20.1	0.28	1025	2.81	0.01
E842618		10.35	30.4	5.22	10.45	0.22	0.06	0.07	0.047	0.30	118.0	25.0	2.40	1645	3.40	0.02
E842619		3.50	18.1	2.92	8.90	0.09	<0.02	0.03	0.015	0.05	45.6	2.7	0.08	183	1.43	0.01
E842620		7.59	77.2	4.29	10.15	0.12	0.02	0.06	0.034	0.06	51.0	11.5	0.27	522	2.84	0.01
E842621		8.47	19.0	3.49	7.45	0.09	0.03	0.04	0.033	0.08	36.9	25.1	0.47	751	2.24	0.01
E842622		4.69	13.7	3.54	6.70	0.07	<0.02	0.05	0.033	0.08	19.3	20.3	0.29	494	1.57	0.01
E842623		2.87	5.9	2.32	7.49	0.07	<0.02	0.02	0.012	0.03	41.5	4.3	0.14	91	0.88	0.01
E842624		1.56	8.7	0.80	2.27	<0.05	<0.02	0.08	0.011	0.03	14.1	1.4	0.05	59	0.85	0.01
E842625		6.43	9.4	3.82	7.27	0.08	0.02	0.04	0.028	0.06	23.8	21.2	0.34	247	1.40	0.01
E842626		2.70	24.3	3.14	6.73	0.07	0.02	0.04	0.041	0.07	23.5	23.0	0.44	509	2.09	0.01
E842627		4.52	20.0	3.89	8.30	0.07	0.02	0.08	0.039	0.09	16.3	19.2	0.32	356	1.80	0.01
E842628		2.98	36.7	4.45	6.11	0.08	0.02	0.04	0.032	0.11	31.2	15.5	0.46	346	2.94	0.02
E842629		5.38	44.3	5.89	11.15	0.11	0.02	0.04	0.043	0.10	24.2	10.8	0.37	570	5.08	0.01
E842630		<0.05	0.7	0.02	0.05	<0.05	0.03	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	0.05	<0.01
E842631		2.04	40.3	3.70	5.39	0.10	0.05	0.02	0.029	0.11	38.6	25.4	0.77	840	1.24	0.01
E842632		4.89	90.0	7.30	8.17	0.23	0.06	0.03	0.064	0.06	113.0	35.0	0.85	489	10.80	0.02
E842633		3.66	124.0	7.67	5.57	0.14	0.04	0.04	0.087	0.07	41.5	23.5	0.52	590	9.75	0.02
E842634		3.62	122.5	7.64	5.43	0.13	0.04	0.03	0.080	0.07	40.8	23.5	0.51	619	9.75	0.02

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842595		0.59	25.4	1110	53.9	13.1	<0.001	0.12	2.23	2.3	1.6	0.5	20.7	0.01	0.16	6.1
E842596		0.78	29.4	2380	165.5	12.5	0.001	0.21	3.99	2.7	3.1	0.5	72.9	0.01	0.29	16.7
E842597		1.20	110.0	2290	77.0	14.6	0.001	0.24	7.10	4.2	4.5	0.5	54.9	0.02	0.30	24.1
E842598		1.18	36.2	480	30.0	20.4	<0.001	0.04	0.89	3.2	1.1	0.6	12.3	0.01	0.08	6.9
E842599		1.31	14.4	1630	156.0	9.7	<0.001	0.32	3.46	2.5	2.2	0.4	34.2	0.01	0.31	56.6
E842600		2.55	27.4	1170	117.0	24.7	<0.001	0.18	3.71	3.5	2.7	0.7	28.5	0.01	0.39	22.4
E842601		1.39	34.6	570	53.4	13.5	<0.001	0.06	1.37	2.6	1.1	0.5	13.4	0.01	0.11	13.9
E842602		1.54	9.9	1990	85.2	11.5	<0.001	0.20	4.19	2.8	2.4	0.4	26.6	0.01	0.26	27.5
E842603		1.28	9.4	1750	58.8	12.6	<0.001	0.16	2.48	2.1	1.8	0.4	16.0	0.01	0.26	28.9
E842604		1.27	23.0	1920	83.5	15.0	<0.001	0.19	5.15	2.2	3.3	0.5	27.8	0.01	0.39	15.1
E842605		1.15	28.8	1160	36.8	10.9	<0.001	0.08	1.48	2.9	1.1	0.4	19.4	<0.01	0.09	13.2
E842606		1.90	18.2	1510	65.1	52.1	<0.001	0.46	1.53	3.6	1.9	0.5	21.5	0.01	0.17	26.1
E842607		1.65	17.4	790	34.5	26.7	<0.001	0.09	1.12	2.2	1.0	0.6	9.6	<0.01	0.12	5.5
E842608		1.81	20.9	1760	69.1	27.4	<0.001	0.37	1.75	2.9	1.9	0.5	31.7	0.01	0.16	17.3
E842609		2.86	16.5	770	34.7	17.9	<0.001	0.05	1.12	2.6	0.9	0.9	9.0	0.01	0.12	7.3
E842610		2.28	10.2	2060	101.5	39.3	<0.001	0.66	1.96	4.9	2.3	0.5	16.2	0.01	0.24	36.1
E842611		2.25	34.6	1030	130.0	15.1	<0.001	0.17	3.29	4.0	1.5	0.5	11.5	0.02	0.08	10.9
E842612		0.62	31.5	660	14.3	17.7	<0.001	0.03	1.21	2.4	0.7	0.5	6.9	<0.01	0.05	9.1
E842613		0.75	17.8	510	9.3	19.1	<0.001	0.02	0.50	2.2	0.5	0.7	6.0	<0.01	0.04	10.6
E842614		1.20	20.6	350	10.9	14.3	<0.001	0.01	0.56	2.5	0.5	0.5	7.2	<0.01	0.05	8.2
E842615		0.61	32.4	850	14.9	19.6	<0.001	0.05	0.83	3.9	0.9	0.5	9.8	0.01	0.05	5.4
E842616		0.69	14.0	740	13.7	12.4	<0.001	0.05	0.71	1.4	0.7	0.5	6.4	<0.01	0.08	3.0
E842617		0.73	16.2	1110	13.5	13.6	<0.001	0.04	0.70	1.7	0.9	0.5	6.4	<0.01	0.13	4.8
E842618		3.04	161.5	1900	11.5	30.6	0.001	0.05	0.60	5.7	0.8	0.8	55.5	0.01	0.07	6.4
E842619		0.60	7.5	670	5.3	10.3	<0.001	0.03	0.51	1.0	0.5	0.5	3.5	<0.01	0.06	1.9
E842620		0.78	16.6	990	14.4	12.0	<0.001	0.03	0.72	1.5	0.7	0.7	6.4	<0.01	0.21	2.7
E842621		0.92	30.1	720	16.9	17.3	<0.001	0.02	0.56	2.7	0.6	0.6	9.2	<0.01	0.08	8.8
E842622		1.12	20.3	470	16.1	15.6	<0.001	0.03	0.68	2.3	0.6	0.6	8.0	0.01	0.05	2.6
E842623		0.40	8.6	310	5.3	8.1	<0.001	0.02	0.38	1.4	0.4	0.7	4.0	<0.01	0.02	4.1
E842624		0.14	6.8	870	6.8	4.1	<0.001	0.07	0.29	0.4	0.5	0.3	5.0	<0.01	0.01	<0.2
E842625		1.11	19.0	350	12.4	14.6	<0.001	0.02	0.52	2.2	0.6	0.6	7.0	<0.01	0.05	8.2
E842626		1.59	21.0	400	19.8	14.6	<0.001	0.03	0.87	2.2	0.6	0.6	9.0	0.01	0.07	5.5
E842627		2.50	12.4	390	21.6	21.1	<0.001	0.03	0.73	2.0	0.6	0.8	6.3	<0.01	0.07	4.8
E842628		1.73	15.2	730	35.0	17.9	<0.001	0.14	1.02	2.1	0.8	0.5	14.3	0.01	0.09	7.3
E842629		2.08	13.6	670	66.0	17.0	<0.001	0.07	2.39	2.2	0.8	0.8	6.1	0.01	0.13	9.6
E842630		<0.05	0.3	10	0.6	0.2	0.001	0.01	<0.05	0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E842631		1.44	33.7	540	17.6	15.6	<0.001	0.01	0.79	3.3	0.6	0.4	11.0	0.01	0.04	13.2
E842632		2.31	11.7	1270	50.5	9.6	0.001	0.12	2.10	3.6	2.0	0.3	21.0	0.01	0.27	44.7
E842633		2.73	25.6	1450	52.4	10.8	<0.001	0.12	2.68	3.2	1.7	0.4	16.1	0.01	0.27	39.3
E842634		2.54	25.6	1470	55.0	10.8	<0.001	0.12	2.59	3.1	1.8	0.3	15.5	0.01	0.26	39.4

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842595		0.026	0.21	5.57	39	0.22	16.70	125	<0.5
E842596		0.027	0.25	12.10	28	0.27	27.70	160	<0.5
E842597		0.041	0.27	10.00	39	0.30	46.70	184	<0.5
E842598		0.043	0.22	1.99	41	0.30	10.75	93	<0.5
E842599		0.021	0.14	5.82	30	0.29	11.05	119	0.5
E842600		0.131	0.52	4.38	41	0.34	25.50	120	0.8
E842601		0.033	0.15	2.24	42	0.25	7.81	99	0.6
E842602		0.042	0.15	6.16	21	0.27	19.90	92	<0.5
E842603		0.014	0.15	3.02	31	0.28	10.35	104	0.6
E842604		0.024	0.28	7.42	32	0.40	22.40	136	<0.5
E842605		0.041	0.12	2.60	40	0.38	9.01	122	0.8
E842606		0.101	0.53	4.02	41	0.24	10.95	138	0.5
E842607		0.078	0.25	1.63	52	0.23	5.84	89	<0.5
E842608		0.095	0.32	3.57	42	0.23	11.60	117	<0.5
E842609		0.071	0.23	2.11	58	0.21	7.87	84	0.6
E842610		0.129	0.39	3.32	34	0.16	9.73	97	1.0
E842611		0.060	0.17	2.50	32	0.19	10.45	409	1.9
E842612		0.016	0.14	1.15	36	0.14	5.35	127	<0.5
E842613		0.011	0.13	1.00	46	0.18	3.42	58	<0.5
E842614		0.028	0.13	0.74	44	0.17	3.10	61	1.9
E842615		0.019	0.24	3.49	38	0.15	22.60	56	0.5
E842616		0.017	0.13	1.29	39	0.18	4.44	66	<0.5
E842617		0.016	0.15	2.64	42	0.17	6.12	84	<0.5
E842618		0.115	0.12	5.64	66	0.11	11.95	44	1.7
E842619		0.011	0.09	1.09	44	0.17	3.58	26	<0.5
E842620		0.019	0.12	2.16	57	0.19	3.20	50	<0.5
E842621		0.025	0.16	3.59	47	0.30	5.49	63	<0.5
E842622		0.021	0.17	0.68	47	0.18	3.88	59	<0.5
E842623		0.018	0.07	0.70	46	0.10	3.28	25	<0.5
E842624		0.007	0.05	0.71	15	0.06	1.61	24	<0.5
E842625		0.024	0.13	1.12	47	0.17	2.89	45	0.6
E842626		0.036	0.16	1.05	39	0.19	6.00	96	<0.5
E842627		0.063	0.15	0.80	51	0.23	4.28	99	<0.5
E842628		0.065	0.18	1.55	29	0.18	6.60	85	<0.5
E842629		0.073	0.21	1.46	58	0.27	6.18	121	0.5
E842630		<0.005	<0.02	0.11	<1	<0.05	0.71	3	0.6
E842631		0.056	0.17	1.39	27	0.19	16.35	124	1.2
E842632		0.032	0.17	7.96	20	0.28	29.50	84	<0.5
E842633		0.055	0.14	4.98	24	0.31	15.45	131	<0.5
E842634		0.055	0.14	4.93	25	0.38	14.90	130	<0.5

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842635		0.28	<0.005	0.55	2.06	32.7	<0.2	<10	100	1.11	1.23	0.10	0.13	116.50	16.3	47
E842636		0.26	<0.005	0.42	2.45	12.1	<0.2	<10	90	1.34	1.08	0.11	0.19	159.50	43.5	44
E842637		0.16	<0.005	0.30	2.23	7.3	<0.2	<10	80	1.05	1.02	0.15	0.13	206.00	26.1	30
E842638		0.20	0.006	0.32	2.38	25.3	<0.2	<10	70	0.99	0.84	0.10	0.18	67.30	15.5	33
E842639		0.26	0.005	1.64	1.64	48.1	<0.2	<10	60	1.30	1.10	0.14	0.80	96.90	15.6	27
E842640		0.38	0.005	0.50	1.89	72.3	<0.2	<10	120	1.97	3.01	0.15	0.29	128.50	18.4	28
E842641		0.34	0.697	0.13	1.35	34.8	<0.2	<10	60	0.72	1.96	0.03	0.07	42.70	5.2	21
E842642		0.24	0.009	0.21	2.12	153.0	<0.2	<10	130	1.97	2.09	0.18	0.30	72.30	17.7	26
E842643		0.56	0.012	0.53	1.92	77.4	<0.2	<10	70	2.17	1.71	0.07	0.28	185.50	12.4	43
E842644		0.38	0.005	0.12	1.09	18.5	<0.2	<10	70	0.62	1.30	0.05	0.16	46.00	7.2	17
E842645		0.66	<0.005	0.32	1.48	66.5	<0.2	<10	90	1.60	1.45	0.09	0.34	138.50	14.9	23
E841743		0.38	<0.005	0.13	2.22	19.1	<0.2	<10	110	2.49	0.96	0.15	0.22	199.00	47.8	24
E841744		0.22	0.044	0.17	1.51	15.9	<0.2	<10	130	0.82	0.80	0.73	0.28	68.20	18.0	21
E841745		0.12	0.017	0.23	0.31	3.8	<0.2	<10	70	0.14	0.17	0.27	0.45	11.05	3.0	3
E841746		0.30	<0.005	0.13	1.71	19.6	<0.2	<10	90	1.00	1.12	0.20	0.16	66.20	14.8	22
E841747		0.12	<0.005	0.18	0.31	4.8	<0.2	<10	40	0.18	0.23	0.28	0.40	12.95	2.8	4
E841748		0.24	<0.005	0.10	1.20	22.2	<0.2	<10	80	0.53	1.04	0.12	0.11	32.30	9.2	16
E841749		0.30	<0.005	0.10	1.58	21.7	<0.2	<10	90	1.08	0.88	0.08	0.30	76.60	17.2	19
E841750		0.28	0.005	0.09	1.21	23.5	<0.2	<10	70	1.29	1.33	0.08	0.12	69.40	9.8	18
E843001		0.32	0.005	0.11	1.61	24.4	<0.2	<10	90	1.39	1.47	0.08	0.10	91.30	9.4	21
E845928		0.28	0.006	0.89	1.56	46.8	<0.2	<10	100	1.59	2.66	0.37	0.49	43.00	31.0	20

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842635		7.37	93.1	9.42	8.21	0.24	0.10	0.04	0.076	0.39	67.0	27.5	1.07	785	5.87	0.02
E842636		9.61	89.1	8.24	9.45	0.22	0.08	0.05	0.070	0.44	70.5	34.7	1.26	1540	4.32	0.02
E842637		9.02	67.7	6.15	8.50	0.28	0.08	0.09	0.044	0.30	146.5	29.3	1.06	1045	3.20	0.02
E842638		6.17	47.0	6.59	8.64	0.13	0.04	0.07	0.038	0.28	34.5	35.0	0.96	628	5.03	0.01
E842639		6.88	115.0	6.11	6.45	0.15	0.05	0.12	0.047	0.12	48.2	14.7	0.58	287	9.61	0.01
E842640		7.61	98.9	7.48	6.98	0.16	0.05	0.07	0.084	0.09	51.3	27.7	0.48	776	10.70	0.01
E842641		2.71	37.0	6.19	9.91	0.10	0.02	0.03	0.078	0.06	24.6	13.7	0.26	306	5.80	0.01
E842642		3.94	109.0	6.71	7.16	0.11	0.05	0.09	0.100	0.06	37.5	26.4	0.48	707	12.25	0.01
E842643		5.42	100.5	6.37	6.45	0.19	0.06	0.05	0.068	0.07	103.5	38.6	0.67	730	7.48	0.02
E842644		1.90	63.6	5.31	8.14	0.08	0.02	0.03	0.042	0.04	28.0	10.1	0.18	176	4.21	0.01
E842645		4.38	99.5	5.54	5.37	0.16	0.05	0.04	0.061	0.05	74.4	28.7	0.46	518	6.04	0.03
E841743		3.98	70.4	4.29	6.94	0.19	0.09	0.04	0.063	0.07	81.8	68.8	0.67	933	1.71	0.01
E841744		3.95	30.3	3.12	5.03	0.11	0.06	0.05	0.049	0.08	37.0	37.7	0.74	1805	1.49	0.01
E841745		0.60	14.2	0.62	0.97	<0.05	0.02	0.28	0.012	0.03	5.8	0.5	0.03	27	0.64	<0.01
E841746		2.22	47.9	3.64	6.10	0.09	0.04	0.06	0.060	0.05	34.9	35.0	0.46	506	1.98	0.01
E841747		1.13	15.1	0.77	1.24	<0.05	<0.02	0.19	0.015	0.04	6.5	1.1	0.07	66	1.24	0.01
E841748		2.15	26.2	2.62	5.97	0.05	0.02	0.05	0.043	0.04	19.9	14.7	0.28	301	2.19	<0.01
E841749		2.48	30.5	3.90	6.12	0.07	0.03	0.08	0.057	0.06	23.3	32.3	0.46	967	2.63	0.01
E841750		2.35	40.8	3.43	5.07	0.07	0.03	0.07	0.052	0.06	44.1	27.9	0.40	416	3.56	0.01
E843001		2.70	55.2	3.73	5.73	0.10	0.04	0.05	0.064	0.05	56.2	32.6	0.37	311	2.52	0.01
E845928		2.53	135.0	6.51	4.43	0.12	0.14	0.12	0.137	0.12	19.9	17.4	0.90	4530	2.11	0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842635		3.50	32.2	1590	124.0	42.9	<0.001	0.38	2.09	4.6	1.8	0.6	24.9	0.01	0.17	28.1
E842636		3.27	50.5	1040	99.9	51.0	<0.001	0.24	1.48	5.1	1.5	0.7	15.4	0.01	0.15	20.8
E842637		1.75	27.0	860	40.8	42.4	<0.001	0.22	0.83	3.6	1.7	0.6	15.4	0.01	0.14	10.1
E842638		1.39	27.3	710	32.9	37.0	<0.001	0.09	1.09	4.8	1.3	0.6	9.0	0.01	0.10	14.5
E842639		1.32	48.5	1220	61.3	22.0	<0.001	0.15	1.45	2.6	1.8	0.4	13.6	0.01	0.17	5.9
E842640		1.53	27.7	1170	112.0	16.8	0.001	0.09	2.77	3.7	1.8	0.5	16.0	0.01	0.30	16.4
E842641		1.71	10.9	780	87.7	11.9	<0.001	0.07	1.58	2.0	0.8	0.7	10.1	<0.01	0.19	11.1
E842642		0.72	28.1	1650	198.0	10.8	<0.001	0.13	2.46	2.4	1.8	0.5	16.7	0.01	0.21	7.8
E842643		1.16	46.6	1390	83.5	10.3	<0.001	0.13	3.59	2.8	1.7	0.4	42.7	0.01	0.13	18.8
E842644		1.48	17.3	680	34.9	7.2	<0.001	0.05	1.51	1.8	0.8	0.7	10.4	0.01	0.13	6.9
E842645		0.65	25.6	1330	65.4	8.1	<0.001	0.16	2.52	3.5	1.5	0.4	28.6	0.01	0.16	19.1
E841743		0.63	51.9	680	31.9	10.6	<0.001	0.05	1.74	3.3	1.6	0.4	33.9	0.02	0.10	14.5
E841744		0.66	26.0	900	18.5	22.3	<0.001	0.07	0.94	3.4	1.2	0.4	16.1	0.01	0.07	6.4
E841745		0.11	6.4	760	9.3	2.1	<0.001	0.16	0.34	1.2	1.0	0.2	12.2	0.01	0.01	1.1
E841746		0.69	24.8	710	21.9	10.1	<0.001	0.05	1.94	2.5	1.0	0.5	13.5	0.01	0.12	6.2
E841747		0.15	5.4	1050	10.9	3.6	<0.001	0.13	0.55	1.5	0.8	0.2	8.3	<0.01	0.02	0.8
E841748		0.73	15.3	440	21.9	8.0	<0.001	0.03	1.10	2.0	0.7	0.6	19.9	<0.01	0.09	4.1
E841749		0.82	19.3	540	38.9	15.7	<0.001	0.03	1.27	2.7	0.8	0.5	11.7	<0.01	0.14	7.7
E841750		1.14	19.9	500	23.7	10.6	<0.001	0.06	1.99	2.4	1.0	0.4	22.1	0.01	0.15	9.4
E843001		0.59	22.5	610	16.1	10.3	<0.001	0.06	3.12	2.3	1.0	0.4	34.7	0.01	0.09	14.6
E845928		0.26	37.8	590	59.4	17.0	<0.001	0.04	2.49	4.7	1.9	0.3	8.7	0.01	0.08	7.8

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 17-AUG-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07083928

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842635		0.187	0.46	4.13	48	0.26	16.00	151	3.3
E842636		0.175	0.51	2.81	49	0.29	17.00	185	1.6
E842637		0.095	0.43	2.52	35	0.18	29.20	97	<0.5
E842638		0.096	0.41	2.12	52	0.19	12.25	112	0.8
E842639		0.055	0.15	7.52	38	0.17	17.95	66	<0.5
E842640		0.040	0.24	4.61	41	0.72	21.50	129	<0.5
E842641		0.027	0.14	1.43	47	0.28	4.79	83	<0.5
E842642		0.013	0.29	4.39	39	0.17	13.55	182	0.6
E842643		0.037	0.14	8.34	21	0.22	26.50	128	<0.5
E842644		0.029	0.13	1.57	39	0.27	6.44	100	<0.5
E842645		0.026	0.15	6.86	28	0.26	17.80	129	0.5
E841743		0.018	0.13	3.19	21	0.26	33.10	245	1.1
E841744		0.033	0.23	2.31	25	0.19	19.55	107	0.9
E841745		0.006	0.02	0.44	8	0.06	2.60	16	0.6
E841746		0.020	0.19	2.16	35	0.24	9.52	102	0.5
E841747		0.007	0.06	0.65	12	0.10	2.69	33	<0.5
E841748		0.023	0.17	1.04	38	0.23	5.00	75	<0.5
E841749		0.023	0.24	1.31	38	0.24	6.83	120	0.8
E841750		0.034	0.13	1.65	28	0.31	8.63	86	<0.5
E843001		0.012	0.12	1.81	25	0.17	11.55	88	0.6
E845928		0.012	0.14	4.73	18	1.01	21.30	169	4.1

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: EIAFRG

CERTIFICATE VA07085059

Project: Werneckes

P.O. No.: FRG07-01

This report is for 2 Soil samples submitted to our lab in Vancouver, BC, Canada on 3-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 1-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07085059

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E845702		0.20	0.009	2.54	0.84	23.7	<0.2	<10	20	0.35	0.50	0.07	0.10	69.50	5.2	15
E845703		0.18	0.005	2.22	2.82	31.7	<0.2	<10	90	2.98	0.62	0.10	1.92	371.00	183.0	18

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07085059

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E845702		1.62	98.5	30.70	2.37	0.63	0.06	0.04	0.040	0.06	32.5	8.5	0.22	159	5.34	0.02
E845703		2.75	265.0	3.07	6.91	0.80	0.41	0.24	0.046	0.05	146.5	33.2	0.35	2710	3.24	<0.01

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07085059

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E845702		0.65	21.8	690	30.8	8.2	<0.001	2.69	1.60	2.8	1.8	<0.2	7.2	0.01	0.10	47.4
E845703		0.60	91.3	1290	48.9	12.5	0.001	0.31	1.63	3.3	7.9	0.2	12.6	0.05	0.09	10.0

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Finalized Date: 1-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07085059

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E845702		0.015	0.15	8.15	8	0.11	17.55	111	1.1
E845703		0.010	0.27	20.40	15	0.80	159.50	560	1.3

Comments: Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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To: **EQUITY ENGINEERING LTD.**
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Finalized Date: 7-SEP-2007
Account: EIAFRG

CERTIFICATE VA07087485

Project: Werneckes

P.O. No.: FRG07-01

This report is for 85 Sediment samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E845501		0.66	0.016	0.49	1.21	31.5	<0.2	<10	90	1.11	1.45	0.78	0.49	33.30	32.0	13
E845502		0.88	<0.005	0.55	1.21	10.1	<0.2	<10	100	0.71	0.49	7.02	0.26	34.90	13.2	15
E845503		0.72	<0.005	0.10	1.07	10.8	<0.2	<10	40	0.51	0.42	8.03	0.16	23.80	10.6	19
E845504		0.60	<0.005	0.09	1.07	11.6	<0.2	<10	50	0.54	0.35	5.18	0.19	29.60	9.7	14
E845505		0.76	<0.005	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E845506		0.80	0.008	0.24	0.64	27	<0.2	10	120	0.40	1.21	12.20	0.17	19.15	14.3	7
E845507		0.96	<0.005	0.07	1.55	25.2	<0.2	<10	120	0.68	1.84	0.10	0.21	41.70	25.8	18
E845508		0.72	NSS	0.08	1.11	17.1	<0.2	<10	70	0.70	2.12	0.13	0.33	52.00	38.3	15
E845509		1.16	<0.005	0.14	1.27	31.8	<0.2	<10	80	0.75	2.87	0.11	0.46	56.20	39.1	16
E845510		0.84	NSS	0.23	1.24	36.4	<0.2	<10	90	1.31	4.20	0.18	0.22	46.90	46.6	16
E845511		1.04	NSS	0.13	1.30	31.7	<0.2	<10	80	1.07	3.64	0.13	0.27	40.70	34.6	17
E845512		1.08	<0.005	0.04	0.98	16.4	<0.2	<10	50	0.43	1.59	0.07	0.09	36.70	14.9	10
E845513		0.92	0.009	0.07	1.11	13.0	<0.2	<10	100	0.53	1.91	0.09	0.18	51.00	23.0	19
E845514		1.08	<0.005	0.26	1.73	27.8	<0.2	<10	90	1.43	3.78	0.14	0.41	37.90	58.2	24
E845515		0.86	NSS	0.35	1.08	16.9	<0.2	<10	210	0.80	1.48	0.16	0.18	39.40	23.3	16
E845516		0.74	0.005	0.14	0.85	19.7	<0.2	<10	160	0.56	1.93	0.17	0.10	34.70	21.6	10
E845517		0.78	<0.005	0.09	0.40	27.2	<0.2	<10	50	0.37	1.12	0.03	0.12	27.80	21.4	4
E845518		0.54	<0.005	0.12	0.57	19.0	<0.2	<10	30	0.42	1.31	0.03	0.09	29.80	15.5	8
E845519		1.00	0.012	0.54	0.85	73.0	<0.2	<10	60	0.70	0.87	4.40	0.42	36.30	29.5	11
E845851		0.84	<0.005	0.25	1.24	16.2	<0.2	10	70	0.68	0.75	3.90	0.17	37.20	13.7	15
E845852		0.40	<0.005	0.12	0.25	17	<0.2	<10	50	0.14	0.57	16.55	0.15	13.80	8.1	6
E845853		0.90	<0.005	0.19	0.47	24	<0.2	<10	110	0.33	0.81	13.65	0.28	19.75	8.9	9
E845854		1.24	0.008	0.37	1.37	18.2	<0.2	<10	60	0.54	0.69	4.54	0.39	25.80	23.8	15
E845855		0.90	0.011	0.16	1.28	36.2	<0.2	<10	60	0.51	1.67	0.23	0.18	30.00	25.4	18
E845856		0.96	0.009	0.21	0.80	23.9	<0.2	<10	120	0.43	1.40	9.50	0.16	19.95	16.6	9
E845857		0.60	0.007	0.06	0.97	11.0	<0.2	<10	60	0.47	1.90	0.09	0.11	60.90	11.9	12
E845858		0.44	<0.005	0.06	0.76	13.3	<0.2	<10	50	0.49	3.71	0.04	0.10	59.60	14.4	8
E845859		0.80	0.018	0.11	1.31	33.8	<0.2	<10	70	1.17	2.06	0.16	0.20	52.60	34.1	20
E845860		0.62	<0.005	0.14	1.77	28.1	<0.2	<10	70	1.20	2.63	0.17	0.13	37.90	36.2	24
E845861		0.74	0.016	0.21	1.42	10.9	<0.2	<10	40	0.52	1.16	0.11	0.15	39.00	18.3	20
E845862		0.92	<0.005	0.06	0.68	11.1	<0.2	<10	50	0.44	1.32	0.06	0.09	37.20	17.5	17
E845863		0.52	<0.005	0.04	0.30	8.0	<0.2	<10	30	0.35	0.79	0.06	0.07	36.80	14.0	6
E845864		1.18	<0.005	0.21	0.39	20.0	<0.2	<10	60	0.65	1.91	0.05	0.18	38.20	21.3	6
E845865		0.40	<0.005	0.20	0.84	10.1	<0.2	<10	110	0.63	2.22	0.21	0.17	25.30	9.8	9
E845866		0.82	0.008	0.09	0.42	10.9	<0.2	<10	60	0.54	1.98	0.03	0.18	32.70	13.9	5
E845867		0.86	0.007	0.19	1.07	22.9	<0.2	<10	210	0.76	1.97	0.19	0.10	37.40	22.0	13
E845868		0.90	0.005	0.33	0.96	31.6	<0.2	<10	380	1.19	3.30	0.87	0.20	35.00	32.5	12
E845869		0.48	<0.005	0.18	0.60	18.1	<0.2	<10	60	0.65	1.34	7.06	0.16	20.60	14.4	7
E845870		0.88	0.020	0.17	1.24	21.4	<0.2	<10	40	0.79	2.32	0.07	0.18	25.10	24.2	17
E845871		0.76	0.005	0.22	0.52	20.3	<0.2	<10	60	0.57	0.94	0.19	0.16	26.40	19.3	8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E845501		1.86	111.0	5.00	3.19	0.11	0.08	0.06	0.098	0.09	15.6	18.1	1.11	2290	1.97	0.01
E845502		2.17	41.3	2.55	3.56	0.12	0.08	0.05	0.069	0.17	17.5	25.0	5.25	1250	0.78	0.02
E845503		2.60	32.2	2.42	2.98	0.21	0.06	0.02	0.046	0.19	11.8	28.0	6.06	1200	0.98	0.01
E845504		2.52	31.5	2.09	3.17	0.22	0.07	0.02	0.039	0.19	15.1	27.1	4.18	680	0.80	0.01
E845505		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E845506		1.14	76.0	3.93	1.65	0.05	0.05	0.07	0.082	0.05	9.3	5.8	7.72	3450	1.86	0.01
E845507		1.36	133.0	3.60	3.90	0.06	0.07	0.02	0.046	0.11	20.0	10.1	0.44	1360	1.03	0.01
E845508		1.32	81.2	3.86	3.01	0.08	0.02	0.01	0.030	0.08	25.0	9.7	0.38	2040	0.93	0.01
E845509		1.69	122.0	4.03	3.47	0.08	0.03	0.02	0.065	0.09	26.7	11.3	0.44	2960	1.37	0.01
E845510		1.50	233.0	2.78	3.57	0.07	0.03	0.03	0.034	0.10	23.6	9.8	0.41	1110	1.47	0.01
E845511		1.40	282.0	2.75	3.40	0.07	0.04	0.03	0.025	0.09	20.1	10.2	0.41	761	1.35	0.01
E845512		0.59	83.6	2.38	2.54	0.08	0.03	0.01	0.014	0.06	17.7	7.0	0.34	386	0.64	<0.01
E845513		1.03	72.1	3.26	3.26	0.09	0.03	0.02	0.030	0.07	24.8	9.8	0.40	968	0.93	0.01
E845514		1.75	192.5	4.83	4.72	0.09	0.06	0.04	0.065	0.08	18.8	17.4	0.63	2410	2.25	0.01
E845515		2.31	120.0	4.43	2.76	0.08	0.07	0.06	0.099	0.09	19.2	19.0	0.48	1325	1.63	0.01
E845516		0.84	122.0	4.25	2.34	0.09	0.08	0.02	0.062	0.05	16.9	12.8	0.56	1510	0.85	<0.01
E845517		0.28	101.5	4.41	1.56	0.07	0.06	0.01	0.058	0.03	13.5	2.8	0.17	1215	0.57	<0.01
E845518		0.32	68.8	3.95	1.62	0.08	0.04	0.01	0.063	0.03	14.6	7.9	0.27	1070	0.59	<0.01
E845519		2.23	77.9	3.50	2.29	0.10	0.07	0.07	0.073	0.13	18.4	17.6	3.15	2120	2.15	0.01
E845851		1.82	44.1	2.91	3.50	0.13	0.08	0.04	0.057	0.15	17.9	25.5	3.24	1175	1.08	0.01
E845852		0.60	48.4	1.37	0.69	<0.05	0.03	0.03	0.041	0.03	6.5	2.9	10.20	867	2.00	0.02
E845853		1.16	46.4	2.07	1.28	0.05	0.04	0.02	0.052	0.06	9.6	5.5	8.25	1300	1.65	0.02
E845854		3.76	55.2	3.65	3.43	0.11	0.06	0.04	0.048	0.18	12.8	29.5	3.94	1805	1.63	0.01
E845855		1.22	121.5	4.00	3.53	0.09	0.05	0.01	0.075	0.07	14.6	10.6	0.85	1750	1.05	<0.01
E845856		1.01	79.1	3.98	2.01	0.06	0.05	0.06	0.079	0.06	9.8	6.4	6.10	3040	1.57	0.01
E845857		0.93	60.7	2.92	2.40	0.07	0.03	0.01	0.037	0.11	29.7	5.3	0.27	979	0.66	<0.01
E845858		0.99	68.9	2.85	1.97	0.07	0.03	0.01	0.039	0.09	29.1	4.4	0.18	1025	0.63	<0.01
E845859		2.41	115.0	2.81	3.81	0.07	0.03	0.03	0.028	0.10	25.6	11.4	0.41	937	1.77	0.01
E845860		1.11	107.0	3.91	4.42	0.07	0.05	0.03	0.061	0.08	18.4	17.5	0.71	1615	2.13	0.01
E845861		0.74	62.7	3.01	3.68	0.08	0.04	0.02	0.033	0.06	19.2	17.1	0.83	721	0.84	<0.01
E845862		0.53	72.2	3.83	1.81	0.07	0.03	0.01	0.056	0.04	17.9	9.0	0.35	1465	0.62	<0.01
E845863		0.20	34.6	3.72	0.91	0.07	0.10	<0.01	0.066	0.02	17.8	3.3	0.16	1530	0.47	<0.01
E845864		0.93	97.1	3.75	1.13	0.06	0.05	0.01	0.056	0.04	18.2	3.6	0.12	1880	0.81	<0.01
E845865		1.38	37.2	2.78	2.38	0.05	0.05	0.05	0.037	0.10	13.2	7.7	0.23	777	0.54	<0.01
E845866		0.69	46.6	3.19	1.25	0.06	0.06	0.03	0.043	0.04	15.1	4.2	0.13	1985	0.50	<0.01
E845867		0.93	129.0	4.08	3.11	0.09	0.08	0.03	0.069	0.06	18.1	17.6	0.74	1560	0.90	<0.01
E845868		1.82	259.0	5.82	2.67	0.10	0.10	0.05	0.131	0.09	16.7	12.4	0.79	3760	1.31	<0.01
E845869		0.75	68.7	3.31	1.58	0.08	0.08	0.04	0.062	0.06	10.2	14.1	4.34	1770	1.46	<0.01
E845870		0.49	82.2	3.69	3.23	0.09	0.06	0.02	0.043	0.03	12.5	22.3	0.73	874	1.34	<0.01
E845871		0.45	52.2	4.09	1.43	0.06	0.07	0.02	0.062	0.04	13.2	9.4	0.29	1975	0.92	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E845501		0.17	50.8	630	112.5	10.7	<0.001	0.16	3.51	3.6	1.0	0.2	10.8	<0.01	0.07	6.7
E845502		0.33	20.2	450	212.0	22.7	<0.001	0.03	2.38	4.0	0.6	0.2	28.2	<0.01	0.02	4.5
E845503		0.24	23.5	560	24.4	18.9	<0.001	0.04	1.22	3.6	0.6	0.2	22.8	<0.01	0.03	3.7
E845504		0.42	20.4	650	16.7	21.9	<0.001	0.02	1.08	3.4	0.5	0.2	24.3	<0.01	0.03	4.3
E845505		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E845506		0.20	18.9	410	16.9	6.7	<0.001	0.04	2.15	3.6	0.7	<0.2	25.6	<0.01	0.03	4.4
E845507		0.44	23.2	390	7.4	12.6	<0.001	0.01	1.89	2.0	0.5	0.3	4.9	<0.01	0.03	10.9
E845508		0.18	30.4	250	11.3	8.8	<0.001	0.01	1.70	2.2	0.4	0.2	3.4	<0.01	0.03	19.0
E845509		0.29	31.0	410	39.2	12.2	<0.001	0.02	2.00	3.2	0.6	0.2	5.9	<0.01	0.06	13.6
E845510		0.33	25.7	470	13.0	12.5	<0.001	0.02	1.58	2.1	0.6	0.3	9.7	<0.01	0.04	17.3
E845511		0.37	26.0	510	7.0	10.6	<0.001	0.03	1.36	2.1	0.7	0.2	6.8	<0.01	0.03	15.5
E845512		0.16	14.5	220	3.4	5.8	<0.001	0.01	0.92	1.2	0.3	<0.2	3.5	<0.01	0.02	12.3
E845513		0.35	24.0	410	6.9	8.5	<0.001	0.01	1.93	2.5	0.4	0.3	5.2	<0.01	0.04	11.4
E845514		0.35	73.2	540	12.6	11.3	<0.001	0.03	4.49	5.2	1.0	0.3	7.2	<0.01	0.11	12.9
E845515		0.20	32.2	400	22.9	9.4	<0.001	0.03	1.94	4.0	0.9	0.2	9.8	<0.01	0.04	8.8
E845516		0.05	27.0	280	10.3	5.0	<0.001	0.05	2.31	2.9	0.4	<0.2	3.8	<0.01	0.03	9.4
E845517		0.07	17.2	240	7.5	2.7	<0.001	0.02	2.82	2.1	0.3	<0.2	1.2	<0.01	0.03	10.1
E845518		0.07	21.9	260	5.0	2.7	<0.001	0.01	2.73	2.0	0.3	<0.2	2.2	<0.01	0.02	9.9
E845519		0.20	67.6	790	70.6	15.1	<0.001	0.05	2.25	4.1	1.0	0.3	18.2	<0.01	0.05	4.4
E845851		0.27	21.2	650	34.9	19.5	<0.001	0.06	1.95	3.6	1.1	0.3	15.2	<0.01	0.08	4.2
E845852		0.12	10.0	280	31.7	3.0	<0.001	0.04	1.19	2.9	0.4	<0.2	68.0	<0.01	0.02	1.6
E845853		0.21	14.6	380	60.3	6.3	<0.001	0.04	1.09	3.6	0.6	<0.2	66.0	<0.01	0.02	1.8
E845854		0.22	36.4	520	76.7	21.4	<0.001	0.10	1.63	3.2	0.8	0.2	17.7	<0.01	0.05	5.7
E845855		0.20	32.2	340	10.0	8.8	<0.001	0.04	3.51	2.4	0.5	<0.2	6.1	<0.01	0.04	7.3
E845856		0.21	19.7	430	15.6	7.1	<0.001	0.05	1.99	3.3	0.6	0.2	21.1	<0.01	0.03	6.0
E845857		0.24	13.4	240	7.0	10.9	<0.001	0.01	1.52	1.5	0.4	0.2	3.0	<0.01	0.02	11.8
E845858		0.21	13.0	230	6.9	9.2	<0.001	0.01	1.82	1.4	0.3	<0.2	2.3	<0.01	0.02	14.7
E845859		0.47	27.5	490	17.7	13.7	<0.001	0.03	1.27	2.3	0.7	0.3	9.9	<0.01	0.04	17.9
E845860		0.22	32.3	430	25.8	7.9	<0.001	0.03	3.56	2.2	0.7	0.2	7.8	<0.01	0.04	13.8
E845861		0.10	29.4	330	16.9	5.5	<0.001	0.02	1.14	1.5	0.4	<0.2	4.8	<0.01	0.04	10.8
E845862		0.11	28.9	260	5.9	3.8	<0.001	0.01	2.29	2.2	0.4	<0.2	3.2	<0.01	0.03	9.2
E845863		<0.05	20.1	260	6.9	1.9	<0.001	0.02	2.49	1.8	0.2	<0.2	2.7	<0.01	0.02	11.3
E845864		0.12	22.4	230	14.7	4.4	<0.001	0.01	3.05	1.7	0.4	0.2	3.6	<0.01	0.03	18.6
E845865		0.32	12.9	390	23.0	12.9	<0.001	0.01	1.10	1.9	0.6	0.2	5.9	<0.01	0.03	6.3
E845866		0.10	13.1	210	51.0	4.8	<0.001	<0.01	1.22	1.8	0.2	<0.2	1.5	<0.01	0.03	12.7
E845867		0.06	28.3	300	14.3	5.5	<0.001	<0.01	2.71	4.1	0.3	<0.2	4.5	<0.01	0.03	9.0
E845868		0.09	33.3	390	32.0	9.3	<0.001	0.04	3.52	6.1	0.5	<0.2	8.4	0.01	0.05	9.7
E845869		0.07	24.2	480	15.6	5.2	<0.001	0.02	1.77	3.4	0.5	<0.2	18.3	<0.01	0.04	5.5
E845870		0.06	41.5	230	14.5	3.3	<0.001	<0.01	1.62	2.0	0.4	<0.2	1.8	<0.01	0.06	9.4
E845871		0.13	26.8	390	14.1	3.6	<0.001	<0.01	1.00	2.9	0.4	<0.2	6.9	<0.01	0.06	7.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E845501		0.011	0.19	1.48	16	0.05	14.95	294	3.5
E845502		0.025	0.21	0.80	19	0.07	15.35	110	3.4
E845503		0.023	0.28	0.87	18	0.05	14.65	74	2.8
E845504		0.033	0.20	0.73	20	0.07	12.95	76	3.2
E845505		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E845506		0.013	0.29	2.25	23	0.09	13.25	38	1.9
E845507		0.015	0.09	3.37	20	0.12	4.44	41	2.3
E845508		<0.005	0.10	4.84	15	<0.05	4.81	39	1.1
E845509		0.012	0.10	4.04	20	0.07	7.68	116	1.1
E845510		0.012	0.09	18.05	17	0.10	8.19	39	0.9
E845511		0.013	0.07	9.71	19	0.09	6.11	32	1.4
E845512		0.008	0.03	6.41	11	0.05	2.97	14	1.0
E845513		0.020	0.06	2.68	25	0.08	5.35	33	1.1
E845514		0.015	0.11	9.48	29	0.10	12.10	65	1.9
E845515		0.009	0.10	2.65	16	0.06	11.40	50	2.7
E845516		0.005	0.06	1.63	19	<0.05	5.52	31	5.3
E845517		<0.005	0.02	2.17	28	0.05	3.27	25	3.6
E845518		<0.005	0.02	1.28	11	<0.05	3.79	24	2.7
E845519		0.011	0.23	1.47	16	0.07	22.30	187	2.6
E845851		0.019	0.12	1.55	17	0.06	14.15	77	2.8
E845852		0.005	0.22	0.93	11	0.05	6.43	65	1.0
E845853		0.009	0.27	1.65	14	0.09	9.25	117	1.5
E845854		0.025	0.36	1.52	19	0.05	13.10	154	2.7
E845855		0.015	0.07	1.48	20	0.06	5.09	39	2.0
E845856		0.012	0.22	2.65	23	0.10	11.70	36	2.0
E845857		0.007	0.05	2.05	11	0.07	3.86	28	0.9
E845858		0.010	0.06	3.32	9	0.06	4.16	26	1.4
E845859		0.018	0.11	11.40	23	0.13	7.95	41	0.9
E845860		0.007	0.06	8.48	16	0.06	9.56	39	1.9
E845861		0.008	0.05	2.81	12	<0.05	5.24	102	1.5
E845862		0.006	0.03	1.32	11	<0.05	4.05	31	1.2
E845863		<0.005	<0.02	1.14	4	<0.05	3.10	30	5.1
E845864		0.006	0.05	4.08	7	0.06	5.10	45	3.1
E845865		0.008	0.06	3.29	12	0.07	4.22	48	0.9
E845866		<0.005	0.05	2.31	8	0.05	3.27	33	1.8
E845867		0.007	0.09	1.16	26	<0.05	6.84	40	2.8
E845868		0.006	0.14	1.90	24	<0.05	11.85	50	3.4
E845869		<0.005	0.15	1.13	10	<0.05	11.85	45	2.9
E845870		<0.005	0.03	2.29	9	<0.05	4.14	46	2.1
E845871		0.006	0.05	0.92	10	0.05	5.91	54	2.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E845874		0.82	<0.005	0.51	1.28	41.7	<0.2	<10	60	1.55	2.48	0.38	0.30	34.90	29.2	18
E845905		0.58	<0.005	0.37	1.61	31.8	<0.2	<10	80	0.97	1.54	1.32	0.41	40.50	26.7	17
E845906		0.50	<0.005	0.30	0.92	17.8	<0.2	<10	100	0.68	0.71	7.80	0.26	26.30	16.3	12
E845907		0.58	<0.005	0.26	0.88	15.2	<0.2	<10	100	0.54	0.63	8.23	0.32	23.00	12.3	12
E845908		0.44	<0.005	0.19	1.20	24.7	<0.2	<10	50	0.62	0.65	4.37	0.19	23.60	21.0	14
E845909		0.58	<0.005	0.12	0.76	21.4	<0.2	<10	50	0.81	2.58	0.08	0.24	31.30	18.2	10
E845910		0.26	0.006	0.19	1.74	44.0	<0.2	<10	90	1.35	2.06	0.29	0.34	22.10	25.7	22
E845911		0.74	0.005	0.06	0.91	32.0	<0.2	<10	50	0.71	2.58	0.04	0.17	34.20	28.2	9
E845912		0.58	<0.005	0.06	0.79	15.9	<0.2	<10	40	0.51	1.78	0.03	0.17	31.30	18.2	9
E845913		0.50	<0.005	0.06	1.22	22.7	<0.2	<10	60	0.82	4.80	0.10	0.12	34.90	22.5	14
E845914		0.58	<0.005	0.05	1.04	13.6	<0.2	<10	50	0.50	1.22	0.10	0.11	37.20	13.0	11
E845915		0.62	<0.005	0.07	1.23	21.3	<0.2	<10	110	1.02	1.37	0.21	0.08	64.50	30.5	39
E845916		0.70	0.015	0.07	0.78	32.9	<0.2	<10	90	0.71	0.96	0.11	0.14	48.00	24.0	19
E845917		0.40	0.006	0.21	0.65	15.2	<0.2	<10	50	0.67	1.95	0.15	0.17	34.40	18.8	7
E845918		0.82	0.014	0.06	0.58	24.1	<0.2	<10	70	0.56	15.25	0.02	0.17	39.10	23.0	6
E845919		0.56	0.009	0.10	0.62	14.5	<0.2	<10	80	0.63	2.16	0.07	0.15	32.90	14.0	7
E845920		0.58	0.010	0.10	0.30	19.7	<0.2	<10	70	0.43	1.56	0.04	0.16	30.80	16.1	5
E845921		0.78	0.014	0.13	0.53	14.9	<0.2	<10	70	0.60	4.03	0.07	0.23	36.20	16.6	8
E845922		0.48	0.012	0.12	0.69	12.1	<0.2	<10	50	0.55	1.60	0.10	0.12	32.80	11.8	11
E845923		0.82	0.011	0.14	0.74	12.8	<0.2	<10	100	0.35	1.08	0.10	0.12	31.80	21.4	12
E845924		0.70	<0.005	0.16	0.35	13.4	<0.2	<10	40	0.54	1.49	8.50	0.13	17.80	13.0	5
E845925		0.70	0.059	0.91	1.15	39.8	<0.2	<10	90	1.36	4.53	0.10	1.00	36.50	45.7	15
E845926		0.58	0.008	0.13	1.49	14.3	<0.2	<10	30	0.92	3.66	0.03	0.13	30.30	25.1	20
E845927		0.50	0.029	0.15	2.00	36.6	<0.2	<10	110	1.48	4.61	0.06	0.18	29.10	39.0	25
E845955		0.52	0.013	0.24	0.43	41	<0.2	<10	50	0.54	5.58	13.45	0.08	14.00	28.9	4
E845956		0.42	0.011	0.25	0.61	51	<0.2	<10	90	0.63	4.66	11.85	0.09	17.55	33.2	6
E846601		0.82	0.021	0.54	0.62	39.4	<0.2	<10	170	1.50	1.61	0.16	0.19	30.50	27.0	8
E846602		0.70	0.026	0.16	1.26	9.7	<0.2	<10	110	0.51	0.30	8.22	0.24	23.90	10.2	14
E846603		0.74	0.047	0.17	1.28	40.0	<0.2	<10	100	0.63	1.80	0.13	0.20	32.40	24.7	17
E846604		0.76	0.032	0.24	1.73	49.7	<0.2	<10	90	1.30	2.46	0.11	0.53	31.70	40.3	21
E846605		0.92	0.025	0.17	1.44	53.2	<0.2	<10	70	1.17	2.00	0.09	0.28	50.40	40.1	17
E846606		0.70	0.032	0.21	1.36	54.7	<0.2	<10	80	0.82	2.12	0.21	0.42	31.90	30.4	19
E846607		0.58	0.024	0.15	1.45	29.7	<0.2	<10	70	0.83	2.89	0.18	0.20	42.80	23.6	19
E846608		0.50	0.012	0.05	0.98	13.3	<0.2	<10	50	0.55	1.13	0.07	0.09	37.30	13.2	12
E846609		0.92	0.024	0.59	1.28	53.9	<0.2	<10	120	0.88	1.98	0.11	0.16	39.20	32.4	15
E846610		0.62	<0.005	0.12	0.59	16.1	<0.2	<10	70	0.50	1.67	0.06	0.11	35.20	19.6	9
E846611		0.68	<0.005	0.08	0.43	12.7	<0.2	<10	70	0.49	1.09	0.05	0.09	34.70	17.3	7
E846612		0.70	0.019	0.18	0.69	45.7	<0.2	<10	50	0.64	2.94	0.04	0.48	30.40	24.7	10
E846613		0.70	0.031	0.32	0.68	19.5	<0.2	<10	60	0.50	1.43	0.04	0.21	34.10	20.5	15
E846614		0.82	<0.005	0.10	0.78	7.5	<0.2	<10	60	0.33	0.62	0.08	0.09	50.40	16.4	11

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E845874	2.32	107.0	5.26	3.42	0.09	0.14	0.06	0.108	0.09	16.5	13.6	0.74	2120	1.71	<0.01
E845905	2.00	109.0	3.95	4.37	0.11	0.15	0.06	0.071	0.14	19.5	27.3	1.90	1420	1.56	<0.01
E845906	1.24	77.1	2.72	2.48	0.08	0.11	0.06	0.059	0.08	12.8	16.0	5.07	1160	1.31	0.01
E845907	0.99	39.3	2.30	2.34	0.06	0.09	0.04	0.038	0.07	11.5	11.6	5.16	1060	1.44	0.02
E845908	2.15	58.9	2.64	3.05	0.09	0.09	0.03	0.052	0.14	11.6	18.7	2.99	1360	0.84	0.01
E845909	1.11	80.5	3.65	2.32	0.06	0.03	0.04	0.050	0.06	15.1	7.2	0.23	1700	0.82	<0.01
E845910	2.12	129.5	3.75	4.22	0.06	0.13	0.05	0.049	0.14	11.9	13.1	0.64	1540	1.33	0.01
E845911	0.94	106.5	2.82	2.47	0.06	0.09	0.01	0.032	0.06	16.3	6.5	0.35	1390	0.78	<0.01
E845912	0.80	71.1	2.88	2.19	0.06	0.05	0.01	0.034	0.05	15.1	6.5	0.25	1090	0.70	<0.01
E845913	1.75	47.8	2.95	3.41	0.06	0.04	0.03	0.028	0.06	17.0	10.9	0.46	985	0.67	<0.01
E845914	0.77	36.9	2.23	2.93	0.05	0.04	0.02	0.014	0.06	17.8	7.7	0.37	462	0.50	<0.01
E845915	2.61	86.8	4.93	4.79	0.11	0.04	0.02	0.053	0.12	31.0	9.6	0.80	2420	2.01	<0.01
E845916	1.59	58.0	4.59	2.84	0.09	0.05	0.02	0.078	0.08	23.3	5.8	0.35	2040	0.96	<0.01
E845917	1.12	77.9	3.13	1.90	0.06	0.08	0.03	0.042	0.06	16.3	4.9	0.25	1340	0.67	<0.01
E845918	0.65	72.4	3.31	1.71	0.07	0.09	0.01	0.057	0.05	19.0	4.4	0.17	2040	0.61	<0.01
E845919	1.18	58.3	2.79	1.71	0.05	0.04	0.04	0.045	0.06	16.1	5.4	0.12	1320	0.52	<0.01
E845920	0.46	64.7	3.10	0.95	0.06	0.06	0.01	0.053	0.04	15.1	2.8	0.10	2040	0.50	<0.01
E845921	0.87	47.4	2.94	1.71	0.06	0.12	0.03	0.035	0.04	17.1	5.8	0.19	2060	0.74	<0.01
E845922	1.18	36.3	2.76	2.10	0.06	0.06	0.03	0.038	0.04	16.2	8.1	0.26	921	0.53	<0.01
E845923	0.64	41.0	3.34	2.05	0.06	0.06	0.01	0.037	0.04	15.5	10.6	0.41	1240	0.69	<0.01
E845924	0.73	35.1	3.48	0.96	0.07	0.07	0.05	0.046	0.04	8.8	7.8	5.03	2200	1.25	0.01
E845925	1.39	171.0	5.29	3.09	0.09	0.08	0.06	0.117	0.05	18.0	16.6	0.56	2340	1.98	<0.01
E845926	0.52	74.5	3.76	3.97	0.10	0.06	0.02	0.043	0.03	15.3	27.4	0.79	555	1.70	<0.01
E845927	2.08	131.0	4.95	5.32	0.08	0.05	0.04	0.114	0.08	13.8	22.8	0.68	1410	2.11	<0.01
E845955	0.39	124.5	4.92	1.51	0.18	0.06	0.07	0.132	0.04	7.0	8.6	7.83	5490	5.44	0.02
E845956	0.77	173.0	4.51	1.93	0.13	0.08	0.07	0.129	0.04	9.0	12.0	7.19	5400	4.19	0.01
E846601	1.75	148.5	5.63	1.90	0.08	0.10	0.06	0.133	0.07	14.7	6.5	0.30	4300	1.99	<0.01
E846602	1.56	28.2	1.93	3.29	0.17	0.11	0.05	0.030	0.17	11.5	27.8	5.86	935	0.67	0.01
E846603	1.09	108.0	4.72	3.63	0.08	0.08	0.02	0.095	0.09	15.9	12.1	0.70	2420	1.43	<0.01
E846604	3.12	242.0	4.31	4.52	0.07	0.05	0.03	0.068	0.10	14.7	12.4	0.67	2580	1.95	<0.01
E846605	2.48	172.0	4.17	4.26	0.08	0.03	0.02	0.073	0.10	24.3	10.4	0.56	2350	1.85	<0.01
E846606	2.25	120.0	3.91	4.06	0.07	0.04	0.05	0.043	0.10	15.4	10.6	0.46	2170	2.09	0.01
E846607	2.10	106.0	3.67	4.17	0.07	0.04	0.03	0.057	0.11	21.5	12.9	0.48	988	1.41	<0.01
E846608	1.26	48.4	2.26	2.83	0.06	0.02	0.01	0.021	0.07	18.1	6.3	0.29	573	0.81	<0.01
E846609	1.33	110.5	3.73	4.05	0.06	0.03	0.03	0.049	0.10	19.0	9.7	0.36	1250	1.13	<0.01
E846610	0.66	88.1	3.49	1.89	0.06	0.04	0.01	0.053	0.05	16.8	5.5	0.22	1480	0.61	<0.01
E846611	0.46	59.6	3.51	1.29	0.06	0.03	0.01	0.056	0.04	16.4	4.2	0.16	1740	0.73	<0.01
E846612	1.00	112.5	4.68	2.08	0.06	0.05	0.02	0.071	0.06	14.2	5.1	0.25	2920	0.95	<0.01
E846613	0.67	62.2	3.78	2.01	0.06	0.02	0.01	0.050	0.04	16.4	7.4	0.24	2170	0.72	<0.01
E846614	0.54	38.9	2.83	2.26	0.08	0.03	<0.01	0.025	0.05	24.4	11.5	0.40	908	0.41	<0.01

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E845874		0.36	36.0	600	33.9	12.3	<0.001	0.01	1.95	4.8	1.2	0.2	9.7	0.01	0.06	7.6
E845905		0.28	37.2	630	83.2	16.9	<0.001	0.05	2.72	4.5	1.2	0.2	11.7	<0.01	0.15	5.9
E845906		0.26	21.7	530	51.7	9.2	<0.001	0.08	1.65	4.2	0.6	0.2	32.1	<0.01	0.05	3.5
E845907		0.37	20.1	600	66.9	7.1	<0.001	0.04	1.06	3.6	0.7	0.2	40.1	<0.01	0.04	2.6
E845908		0.24	25.6	460	19.6	18.0	<0.001	0.04	1.80	2.9	0.6	<0.2	21.5	<0.01	0.04	5.0
E845909		0.34	24.3	440	17.5	10.2	<0.001	0.02	3.69	2.0	0.3	0.2	4.1	<0.01	0.03	7.9
E845910		0.44	29.6	620	14.6	16.8	<0.001	0.05	2.49	3.1	1.9	0.3	10.4	<0.01	0.07	13.3
E845911		0.09	17.3	170	6.4	6.6	<0.001	<0.01	1.47	1.6	<0.2	<0.2	2.4	<0.01	0.02	14.9
E845912		0.11	16.2	170	6.5	6.5	<0.001	0.01	1.52	1.5	0.2	<0.2	2.0	<0.01	0.02	13.9
E845913		0.26	17.2	330	9.8	8.8	<0.001	0.02	0.99	2.3	0.2	0.2	4.9	<0.01	0.02	14.1
E845914		0.35	13.7	320	9.3	7.9	<0.001	0.01	0.58	1.8	0.2	0.2	5.8	<0.01	0.03	11.2
E845915		0.27	81.5	740	5.2	16.1	<0.001	0.04	1.49	4.9	0.3	0.3	23.4	<0.01	0.03	21.6
E845916		0.21	35.0	480	5.6	11.0	<0.001	0.04	1.38	3.3	0.3	0.3	11.9	<0.01	0.03	18.8
E845917		0.23	17.7	310	10.1	7.3	<0.001	0.02	1.33	2.2	0.4	0.2	4.5	<0.01	0.03	15.1
E845918		0.06	15.3	190	12.1	4.8	<0.001	0.01	1.54	1.5	0.2	<0.2	1.6	<0.01	0.02	14.0
E845919		0.22	13.7	300	13.5	8.9	<0.001	0.02	1.62	1.6	0.4	0.2	3.2	<0.01	0.03	6.9
E845920		0.08	14.8	170	12.4	3.9	<0.001	0.02	2.26	1.5	0.2	<0.2	2.2	<0.01	0.02	11.6
E845921		0.16	17.8	270	22.9	4.8	<0.001	0.01	1.48	2.1	0.2	<0.2	4.9	<0.01	0.03	14.6
E845922		0.27	15.9	320	17.2	7.1	<0.001	0.01	1.33	2.1	0.5	<0.2	5.1	<0.01	0.03	8.9
E845923		0.06	27.7	270	11.6	4.2	<0.001	0.04	1.72	2.1	0.2	<0.2	4.1	<0.01	0.03	8.8
E845924		0.10	21.0	470	19.0	4.3	<0.001	0.03	1.60	3.5	0.6	<0.2	16.4	<0.01	0.04	4.8
E845925		0.16	73.2	410	94.0	6.5	<0.001	0.03	2.05	3.4	1.1	<0.2	3.9	<0.01	0.11	10.3
E845926		0.11	46.3	260	17.2	3.5	<0.001	0.01	1.00	1.8	0.4	<0.2	1.6	<0.01	0.06	9.0
E845927		0.59	53.9	650	16.6	13.4	<0.001	0.04	1.47	3.4	0.9	0.3	6.0	<0.01	0.10	5.1
E845955		0.09	21.9	550	27.9	2.9	<0.001	0.07	2.07	3.2	0.9	<0.2	23.4	<0.01	0.05	3.2
E845956		0.10	23.7	540	23.2	3.8	<0.001	0.06	1.83	3.9	0.8	<0.2	20.7	<0.01	0.05	5.3
E846601		0.14	34.8	380	20.1	7.9	<0.001	0.03	2.91	3.3	0.5	0.2	5.6	<0.01	0.03	10.3
E846602		0.22	18.1	460	38.4	16.0	<0.001	0.03	0.98	3.4	0.4	<0.2	32.7	<0.01	0.03	4.3
E846603		0.19	33.7	350	17.8	9.9	<0.001	0.02	2.96	2.8	0.4	<0.2	5.4	<0.01	0.05	8.8
E846604		0.28	38.2	410	38.5	17.2	<0.001	0.02	3.24	3.4	0.9	0.2	5.0	<0.01	0.04	14.5
E846605		0.31	29.8	340	20.2	16.3	<0.001	0.02	2.78	3.6	0.7	0.2	5.1	<0.01	0.03	14.7
E846606		0.35	36.7	470	29.5	15.1	<0.001	0.03	5.31	2.9	0.9	0.2	9.5	<0.01	0.06	11.5
E846607		0.50	28.1	430	16.8	18.8	<0.001	0.03	1.85	3.1	0.9	0.2	7.9	<0.01	0.04	11.5
E846608		0.61	15.0	230	6.2	13.8	<0.001	0.01	0.93	1.9	0.4	0.2	3.6	<0.01	0.02	11.5
E846609		0.46	26.0	410	7.9	14.2	<0.001	0.02	2.51	2.4	0.7	0.3	5.5	<0.01	0.04	7.5
E846610		0.16	21.6	260	8.1	6.2	<0.001	0.01	2.08	2.0	0.5	<0.2	3.2	<0.01	0.03	11.0
E846611		0.10	24.2	250	6.5	4.5	<0.001	0.01	2.20	1.8	0.4	<0.2	3.0	<0.01	0.02	11.0
E846612		0.20	26.9	300	11.5	8.4	<0.001	0.01	4.66	2.1	0.6	<0.2	3.1	<0.01	0.03	12.3
E846613		0.09	27.5	190	12.7	5.2	<0.001	0.02	3.35	1.6	0.4	<0.2	2.1	<0.01	0.02	10.5
E846614		0.08	24.4	270	9.5	5.1	<0.001	0.01	1.76	1.5	0.3	<0.2	4.3	<0.01	0.02	9.3

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E845874		0.015	0.10	2.71	20	0.09	22.10	87	3.6
E845905		0.016	0.20	1.72	19	0.07	16.75	162	3.4
E845906		0.012	0.25	1.06	17	0.29	12.35	112	2.9
E845907		0.018	0.17	0.79	20	0.09	10.25	140	2.1
E845908		0.018	0.15	1.47	15	0.13	11.80	67	1.9
E845909		0.015	0.07	2.41	14	0.08	4.93	43	0.7
E845910		0.010	0.08	12.15	19	0.08	7.96	57	2.8
E845911		0.007	0.06	4.00	9	0.05	3.99	23	2.8
E845912		0.006	0.05	3.47	8	<0.05	3.23	22	1.6
E845913		0.010	0.07	3.17	20	0.07	4.07	28	0.8
E845914		0.013	0.06	2.57	17	0.08	3.22	28	0.6
E845915		0.027	0.15	20.00	43	0.10	7.20	17	0.8
E845916		0.015	0.14	4.33	23	0.16	5.38	19	1.5
E845917		0.008	0.05	5.66	12	0.06	7.49	28	2.3
E845918		<0.005	0.04	3.09	5	<0.05	3.48	30	2.9
E845919		0.006	0.06	3.56	9	0.06	3.73	40	0.8
E845920		<0.005	0.03	2.38	4	0.05	2.91	37	1.9
E845921		0.014	0.05	2.69	11	0.07	5.41	50	4.3
E845922		0.011	0.04	3.06	12	0.06	4.68	40	1.5
E845923		<0.005	0.03	1.56	7	<0.05	4.31	41	1.8
E845924		<0.005	0.15	0.96	12	<0.05	12.90	34	2.1
E845925		0.008	0.08	3.49	12	0.05	12.15	266	2.2
E845926		0.006	0.03	1.30	11	<0.05	3.54	43	1.5
E845927		0.023	0.11	1.45	30	0.14	6.96	67	0.9
E845955		<0.005	2.40	2.31	18	0.06	14.55	52	1.7
E845956		0.005	1.95	2.68	19	0.07	14.20	49	1.7
E846601		0.008	0.14	2.14	10	0.06	11.20	62	2.8
E846602		0.016	0.19	0.78	17	0.11	9.43	79	3.6
E846603		0.010	0.08	2.13	18	0.07	5.46	38	2.1
E846604		0.009	0.15	5.42	20	0.07	9.97	102	2.1
E846605		0.012	0.10	4.12	25	0.08	9.80	70	1.6
E846606		0.014	0.10	3.66	26	0.08	8.57	80	1.4
E846607		0.012	0.10	7.18	24	0.08	8.51	77	1.3
E846608		0.016	0.07	3.34	16	0.08	4.15	19	0.9
E846609		0.011	0.07	2.47	22	0.18	5.76	33	1.1
E846610		0.006	0.04	2.94	12	0.05	4.58	31	1.8
E846611		<0.005	0.03	2.02	7	<0.05	4.20	28	2.0
E846612		0.011	0.06	3.62	11	0.07	5.56	113	2.8
E846613		<0.005	0.04	2.41	8	<0.05	3.51	63	1.4
E846614		<0.005	0.03	0.88	6	<0.05	4.42	40	1.7

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087485

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E846615		0.78	0.010	0.21	0.83	13.8	<0.2	<10	130	0.48	0.89	0.08	0.15	44.90	25.9	13
E846616		0.58	<0.005	0.14	0.32	14	<0.2	<10	20	0.30	1.01	12.15	0.10	18.45	9.2	4
E846617		0.58	0.281	0.12	0.35	26.5	<0.2	<10	50	0.36	0.82	0.04	0.13	39.50	21.8	4
E846618		0.72	0.018	0.41	0.93	75.2	<0.2	<10	60	0.61	1.64	2.58	0.35	32.00	27.1	14
E846619		0.54	0.016	0.30	1.28	18.7	<0.2	<10	70	0.65	0.96	1.30	0.42	42.20	27.3	18

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E846615		1.28	56.7	3.74	2.28	0.07	0.03	0.01	0.049	0.07	21.3	12.2	0.37	1410	0.85	<0.01
E846616		0.71	30.6	3.26	0.83	0.05	0.04	0.03	0.040	0.05	9.0	5.1	7.10	2410	1.55	0.01
E846617		0.28	101.0	4.50	1.51	0.06	0.06	<0.01	0.058	0.03	19.0	2.0	0.13	1290	0.67	<0.01
E846618		1.34	124.0	4.82	2.51	0.06	0.07	0.08	0.096	0.11	15.5	10.4	1.96	2470	2.71	0.01
E846619		1.85	66.8	3.44	3.24	0.08	0.08	0.12	0.049	0.12	19.8	19.3	1.62	2380	1.54	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method / Analyte / Units / LOR	ME-MS41 Nb ppm 0.05	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2
E846615		0.13	31.9	290	17.2	7.5	<0.001	0.03	2.60	2.5	0.5	<0.2	4.7	<0.01	0.03	8.6
E846616		0.09	16.1	560	25.0	5.5	0.001	0.04	1.31	3.1	0.8	<0.2	19.5	<0.01	0.02	3.2
E846617		0.07	18.8	210	5.8	3.3	<0.001	0.02	2.39	1.9	0.4	<0.2	1.1	<0.01	0.03	10.6
E846618		0.23	42.6	740	49.9	14.0	0.001	0.05	2.45	4.6	1.3	0.2	12.6	<0.01	0.06	4.7
E846619		0.25	42.3	690	42.6	16.5	<0.001	0.04	1.82	3.5	0.8	0.2	8.5	<0.01	0.05	6.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E846615		0.005	0.05	2.35	9	<0.05	6.13	65	1.4
E846616		<0.005	0.19	0.96	14	<0.05	16.15	38	2.0
E846617		<0.005	0.02	2.46	33	0.05	3.97	26	3.6
E846618		0.012	0.27	1.64	23	0.18	17.45	162	2.6
E846619		0.015	0.19	2.27	20	0.06	16.65	167	3.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

CERTIFICATE VA07087733

Project: Werneckes

P.O. No.: FRG07-01

This report is for 183 Sediment samples submitted to our lab in Vancouver, BC, Canada on 25-JUL-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.2	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
E840079		0.58	0.019	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		0.44	0.022	0.51	2.79	573.0	<0.2	<10	90	2.65	7.29	0.05	0.49	117.00	16.1	33
E840081		0.50	<0.005	0.30	2.05	31.9	<0.2	<10	150	1.54	1.00	0.08	0.50	122.00	22.6	23
E840082		0.58	0.052	0.20	1.79	27.9	<0.2	<10	90	2.15	1.02	0.10	0.38	319.00	49.0	20
E840083		0.46	0.011	0.13	2.13	24.8	<0.2	<10	130	1.78	0.76	0.09	0.16	169.50	25.8	22
E840084		0.34	0.011	0.23	2.08	26.2	<0.2	<10	120	1.08	1.61	0.05	0.17	61.60	8.7	22
E840085		0.40	0.009	0.11	1.86	24.1	<0.2	<10	90	1.40	1.08	0.08	0.31	80.80	14.8	23
E840086		0.38	0.008	0.15	2.54	24.9	<0.2	<10	110	2.36	1.52	0.06	0.47	206.00	39.6	26
E840087		0.40	0.008	0.14	2.16	28.6	<0.2	<10	100	1.35	1.18	0.09	0.20	147.50	24.6	26
E840088		0.48	0.006	0.13	2.32	25.2	<0.2	<10	320	1.15	0.91	0.21	0.39	402.00	54.4	24
E840089		0.38	0.014	0.05	1.26	14.4	<0.2	<10	90	0.59	0.39	0.22	0.25	55.00	13.2	22
E840090		0.48	0.006	0.10	1.67	19.2	<0.2	<10	90	0.85	0.61	0.18	0.32	68.80	21.5	25
E840091		0.48	<0.005	0.12	2.12	22.0	<0.2	<10	90	1.12	0.98	0.10	0.21	77.30	24.8	24
E840092		0.30	0.005	0.09	2.35	17.8	<0.2	<10	90	0.80	0.65	0.06	0.16	47.20	11.6	25
E840093		0.42	<0.005	0.14	2.41	26.3	<0.2	<10	130	1.56	1.31	0.09	0.28	123.50	26.5	27
E840094		0.46	0.007	0.21	2.65	21.8	<0.2	<10	120	1.84	1.21	0.09	0.29	133.50	28.6	27
E840095		0.44	0.039	0.13	2.42	17.2	<0.2	<10	130	2.20	0.97	0.12	0.20	244.00	48.6	27
E840096		0.46	0.006	0.09	2.33	10.0	<0.2	<10	90	1.25	0.58	0.15	0.11	103.50	25.9	26
E840097		0.46	<0.005	0.25	1.69	14.1	<0.2	<10	100	1.05	1.08	0.07	0.18	115.00	19.7	19
E840098		0.42	0.007	0.07	1.89	16.8	<0.2	<10	60	0.64	0.63	0.05	0.12	42.20	8.4	22
E840099		0.40	<0.005	0.15	2.33	30.0	<0.2	<10	90	1.66	2.82	0.07	0.14	117.50	21.8	29
E840100		0.46	<0.005	0.10	2.20	16.7	<0.2	<10	110	1.85	0.85	0.17	0.25	176.50	47.6	25
E841720		0.40	0.012	0.39	2.05	63.9	<0.2	<10	140	1.76	2.69	0.12	0.12	155.50	34.6	26
E841721		0.28	<0.005	0.20	1.18	16.9	<0.2	<10	60	0.42	0.78	0.07	0.16	36.10	10.2	19
E841722		0.26	<0.005	0.11	1.35	11.9	<0.2	<10	160	0.52	0.58	0.59	0.11	51.50	15.5	19
E841723		0.52	<0.005	0.11	2.16	23.5	<0.2	<10	110	0.92	1.19	0.14	0.34	133.50	24.1	25
E841724		0.42	0.006	0.05	2.34	19.7	<0.2	<10	150	0.86	1.12	0.11	0.18	170.00	14.1	26
E841725		0.48	0.012	0.25	2.29	67.0	<0.2	<10	230	1.23	3.64	0.22	0.09	201.00	27.4	26
E841726		0.32	<0.005	0.20	1.74	13.9	<0.2	<10	100	0.66	0.75	0.07	0.13	34.00	11.2	23
E841727		0.22	0.007	0.14	1.40	12.9	<0.2	<10	140	0.77	0.57	0.12	0.22	71.00	21.1	21
E841728		0.26	<0.005	0.12	1.27	10.9	<0.2	<10	130	0.52	0.42	0.31	0.30	38.40	9.0	20
E841729		0.24	<0.005	0.22	1.32	13.4	<0.2	<10	140	0.60	0.50	0.21	0.30	37.00	9.6	21
E841730		0.40	<0.005	0.07	1.34	13.2	<0.2	<10	70	0.53	0.58	0.10	0.12	34.20	11.7	21
E841731		0.18	0.008	0.14	1.34	11.2	<0.2	<10	200	0.78	0.65	0.27	0.50	127.00	33.6	13
E841732		0.26	0.009	0.06	0.95	15.5	<0.2	<10	50	0.37	0.79	0.05	0.07	31.00	7.4	15
E841733		0.20	0.006	0.18	1.44	13.7	<0.2	<10	180	0.82	0.61	0.39	0.30	125.50	20.4	21
E841734		0.34	<0.005	0.13	1.16	13.8	<0.2	<10	60	0.50	0.84	0.10	0.13	42.00	7.4	18
E841735		0.38	0.010	0.06	1.37	18.6	<0.2	<10	110	0.64	0.79	0.18	0.18	41.90	11.7	22
E841736		0.14	0.015	0.14	0.87	11.0	<0.2	<10	100	0.49	0.31	1.70	0.24	39.90	8.0	12
E841737		0.44	0.013	0.06	0.94	13.6	<0.2	<10	90	0.53	0.51	0.57	0.07	36.50	8.9	15

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E840079		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		4.78	425.0	20.50	7.04	0.35	0.16	0.07	0.471	0.04	66.9	17.5	0.23	308	17.05	<0.01
E840081		1.60	68.5	4.59	5.13	0.11	0.11	0.06	0.052	0.06	52.2	39.0	0.59	660	2.97	0.02
E840082		1.73	98.7	4.53	5.28	0.21	0.14	0.03	0.050	0.04	91.1	37.5	0.58	773	3.11	0.01
E840083		2.45	88.1	4.86	4.19	0.11	0.08	0.03	0.038	0.04	54.6	30.9	0.52	629	2.31	<0.01
E840084		3.36	51.1	5.17	7.05	0.07	0.06	0.07	0.055	0.05	35.0	54.2	0.41	667	4.52	0.01
E840085		4.67	57.0	4.26	5.12	0.09	0.09	0.04	0.064	0.04	38.0	47.4	0.39	521	2.73	0.01
E840086		6.92	109.0	4.92	5.54	0.13	0.18	0.05	0.046	0.06	67.0	67.9	0.50	729	3.82	0.02
E840087		2.55	80.8	4.73	5.34	0.11	0.10	0.05	0.058	0.04	62.8	40.3	0.45	548	2.57	0.01
E840088		3.57	111.0	4.98	5.46	0.32	0.28	0.06	0.049	0.05	166.5	35.6	0.50	1030	2.19	0.02
E840089		0.98	42.5	2.90	3.42	0.08	0.07	0.03	0.026	0.04	26.5	17.1	0.41	456	1.33	<0.01
E840090		1.82	51.0	3.57	4.52	0.10	0.10	0.04	0.039	0.05	34.5	26.6	0.48	673	2.19	0.01
E840091		2.08	63.9	4.53	4.85	0.10	0.11	0.05	0.051	0.05	36.7	34.0	0.55	783	2.72	0.02
E840092		2.12	34.0	4.05	6.56	0.07	0.10	0.05	0.046	0.04	23.9	30.1	0.36	460	2.33	<0.01
E840093		3.40	77.4	4.93	6.01	0.13	0.11	0.06	0.061	0.06	59.9	41.7	0.60	806	3.36	0.02
E840094		3.54	75.8	5.03	5.92	0.12	0.11	0.05	0.068	0.05	65.0	54.7	0.62	845	2.39	0.02
E840095		3.89	74.2	4.80	6.69	0.14	0.12	0.02	0.048	0.08	91.6	79.2	0.68	953	1.74	0.01
E840096		2.73	42.3	4.66	5.94	0.12	0.07	0.01	0.028	0.08	52.2	75.4	0.74	868	1.00	0.01
E840097		2.71	60.9	3.68	6.05	0.09	0.07	0.05	0.053	0.06	66.6	23.8	0.26	810	2.29	0.01
E840098		1.91	30.2	3.81	6.83	0.07	0.05	0.07	0.036	0.04	20.9	23.5	0.23	235	2.03	<0.01
E840099		4.63	108.0	5.99	6.84	0.12	0.08	0.07	0.085	0.05	68.5	49.5	0.44	755	6.11	0.02
E840100		3.19	64.4	4.59	6.26	0.15	0.11	0.02	0.056	0.07	70.5	71.3	0.70	983	1.50	0.01
E841720		5.09	204.0	6.08	5.67	0.16	0.12	0.04	0.102	0.06	66.4	41.9	0.43	637	4.42	<0.01
E841721		1.48	38.5	3.37	4.63	0.06	0.03	0.03	0.032	0.04	21.9	21.0	0.38	361	1.79	<0.01
E841722		1.18	30.8	2.78	4.41	0.07	0.05	0.04	0.032	0.06	29.2	26.0	0.55	608	1.30	<0.01
E841723		3.50	68.7	4.60	5.76	0.10	0.08	0.08	0.068	0.05	56.5	40.4	0.38	758	2.52	0.01
E841724		5.87	57.2	4.69	6.67	0.09	0.08	0.05	0.042	0.05	71.6	62.1	0.48	700	1.58	<0.01
E841725		5.46	220.0	7.89	5.91	0.25	0.16	0.03	0.117	0.07	130.0	38.8	0.50	621	2.91	0.03
E841726		2.81	29.2	3.41	5.62	0.06	0.07	0.05	0.044	0.05	20.8	30.4	0.39	319	1.76	<0.01
E841727		2.29	55.5	2.85	4.44	0.11	0.06	0.04	0.036	0.05	45.9	25.1	0.47	463	1.55	<0.01
E841728		2.02	23.8	2.66	4.20	0.07	0.03	0.03	0.032	0.07	21.9	23.1	0.52	434	1.19	<0.01
E841729		2.59	26.9	3.02	4.39	0.06	0.02	0.04	0.038	0.08	19.2	25.1	0.51	726	1.52	0.01
E841730		1.83	30.5	3.12	4.45	0.07	0.05	0.04	0.033	0.06	20.4	26.1	0.49	576	1.48	<0.01
E841731		1.93	41.4	2.94	4.17	0.11	0.05	0.07	0.043	0.05	56.2	13.7	0.25	2550	1.99	<0.01
E841732		2.05	32.2	2.89	5.00	0.05	0.02	0.05	0.027	0.04	18.1	13.0	0.25	281	1.93	<0.01
E841733		2.27	39.0	2.79	4.84	0.15	0.08	0.05	0.036	0.05	80.2	25.3	0.43	634	1.66	0.01
E841734		2.18	28.9	2.94	4.49	0.09	0.02	0.06	0.030	0.06	25.6	24.4	0.40	378	1.44	<0.01
E841735		3.12	30.9	3.09	4.89	0.09	0.03	0.02	0.046	0.06	25.1	32.4	0.58	591	1.35	<0.01
E841736		1.93	29.8	1.83	2.60	0.11	0.05	0.06	0.026	0.04	27.7	18.8	0.55	847	0.93	0.01
E841737		2.05	16.5	3.05	4.60	0.10	0.02	0.02	0.032	0.05	15.4	24.7	0.43	580	1.27	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E840079		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		2.08	56.5	3050	87.1	4.8	0.001	0.45	12.00	5.6	6.7	0.6	80.2	0.06	0.93	119.0
E840081		0.98	44.8	760	27.2	7.8	<0.001	0.10	1.56	3.1	1.3	0.4	23.0	0.02	0.13	17.1
E840082		0.58	79.4	700	35.1	4.9	0.001	0.07	2.03	3.0	1.6	0.3	27.9	0.02	0.11	19.8
E840083		0.60	55.1	830	20.1	5.6	<0.001	0.07	1.40	2.2	1.1	0.3	22.8	0.01	0.10	11.8
E840084		1.30	23.9	780	22.7	12.6	<0.001	0.08	2.26	2.2	1.1	0.7	19.9	0.01	0.18	14.1
E840085		0.89	35.8	750	16.9	9.0	<0.001	0.06	1.99	2.4	1.0	0.4	16.9	0.01	0.11	14.4
E840086		0.99	81.9	810	19.1	10.1	0.001	0.13	2.75	3.2	1.6	0.4	21.3	0.02	0.13	27.4
E840087		0.97	49.6	720	30.0	9.1	<0.001	0.08	1.82	3.2	1.3	0.4	31.5	0.01	0.11	16.2
E840088		0.85	119.5	1010	49.5	6.4	0.001	0.08	1.76	4.1	2.8	0.3	90.5	0.03	0.09	21.8
E840089		0.72	31.7	890	14.9	5.9	<0.001	0.02	0.97	3.2	0.8	0.3	16.9	0.01	0.05	8.0
E840090		1.00	40.4	990	21.4	8.6	<0.001	0.05	1.20	2.9	1.1	0.4	20.5	0.01	0.08	8.6
E840091		1.00	40.5	890	28.1	8.1	<0.001	0.09	1.64	2.6	1.2	0.4	21.0	0.01	0.12	12.4
E840092		1.32	24.2	570	27.4	10.3	<0.001	0.03	1.09	2.8	0.9	0.6	12.5	0.01	0.09	7.3
E840093		1.04	47.2	880	35.0	10.9	<0.001	0.09	1.65	3.1	1.4	0.5	27.4	0.02	0.15	13.3
E840094		0.69	40.6	990	39.9	8.2	<0.001	0.12	1.94	2.9	1.5	0.3	23.7	0.02	0.17	17.4
E840095		0.66	63.7	630	18.4	9.1	<0.001	0.07	1.48	3.2	1.1	0.3	34.2	0.02	0.11	22.2
E840096		0.35	34.8	530	8.6	8.0	<0.001	0.04	1.00	2.5	0.7	0.3	27.0	0.01	0.06	18.5
E840097		0.70	23.0	880	21.4	13.8	<0.001	0.10	1.42	2.1	1.2	0.4	20.9	0.01	0.14	9.7
E840098		1.30	18.3	510	20.7	7.6	<0.001	0.03	1.07	2.4	0.8	0.6	8.9	0.01	0.09	5.6
E840099		0.66	38.1	1340	29.3	11.9	<0.001	0.14	4.17	2.8	2.0	0.5	27.9	0.01	0.29	21.7
E840100		0.47	58.2	590	19.7	7.5	<0.001	0.04	1.51	3.1	1.0	0.3	32.7	0.02	0.09	20.5
E841720		1.02	64.1	1030	49.7	9.3	<0.001	0.10	3.15	3.6	2.2	0.4	46.1	0.02	0.21	21.4
E841721		0.90	25.6	540	18.7	8.4	<0.001	0.03	1.18	2.1	0.6	0.3	12.2	<0.01	0.10	8.5
E841722		0.68	21.5	850	17.4	7.7	<0.001	0.07	0.73	2.4	0.8	0.3	20.7	0.01	0.07	6.0
E841723		0.78	43.7	1220	31.6	10.0	<0.001	0.10	1.83	2.4	1.3	0.4	29.7	0.01	0.14	9.7
E841724		1.09	42.5	620	22.2	11.9	<0.001	0.06	0.89	2.6	0.7	0.5	41.5	0.01	0.11	13.0
E841725		1.54	52.8	1240	78.2	6.6	0.001	0.23	4.03	5.9	3.3	0.4	109.5	0.03	0.48	69.9
E841726		1.20	23.8	340	20.4	13.3	<0.001	0.02	0.72	2.7	0.6	0.5	12.2	<0.01	0.09	8.6
E841727		0.85	44.8	620	16.6	12.3	<0.001	0.05	0.86	2.9	1.0	0.3	14.1	0.01	0.07	4.7
E841728		0.82	21.3	660	12.9	15.7	<0.001	0.04	0.65	2.4	0.6	0.3	13.7	0.01	0.06	3.8
E841729		0.79	23.9	810	15.3	18.0	<0.001	0.05	0.79	2.3	0.6	0.4	11.6	<0.01	0.07	3.1
E841730		0.98	25.2	560	14.4	11.8	<0.001	0.02	0.87	2.3	0.5	0.3	11.3	<0.01	0.07	8.1
E841731		0.50	23.0	1110	36.3	14.4	<0.001	0.10	0.76	1.9	1.2	0.3	16.1	0.01	0.07	2.1
E841732		0.84	18.3	550	17.8	9.3	<0.001	0.03	0.91	1.7	0.6	0.4	8.0	<0.01	0.09	3.7
E841733		0.78	27.1	820	20.2	9.7	<0.001	0.07	0.90	2.6	1.3	0.3	29.5	0.01	0.08	5.2
E841734		0.87	21.2	600	14.2	12.7	<0.001	0.03	0.90	2.1	0.6	0.3	11.8	<0.01	0.10	7.3
E841735		0.89	25.7	550	17.2	18.3	<0.001	0.02	0.92	3.0	0.5	0.4	13.3	<0.01	0.08	7.9
E841736		0.60	18.9	970	12.0	12.9	<0.001	0.14	0.68	1.9	1.2	0.2	22.9	0.01	0.05	2.6
E841737		1.01	17.7	500	14.5	20.7	<0.001	0.03	0.72	1.9	0.6	0.3	10.8	<0.01	0.07	4.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E840079		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
E840080		0.081	0.20	12.85	27	0.55	19.35	234	5.9
E840081		0.033	0.13	3.45	28	0.49	21.20	167	1.8
E840082		0.029	0.10	3.71	21	0.65	42.10	278	1.9
E840083		0.025	0.10	2.40	28	0.34	21.10	194	1.1
E840084		0.022	0.20	2.14	36	0.38	8.19	113	1.1
E840085		0.027	0.12	2.16	35	0.30	12.10	157	1.8
E840086		0.026	0.18	3.88	32	0.27	24.00	165	3.5
E840087		0.029	0.15	2.60	39	0.49	15.85	179	1.5
E840088		0.024	0.18	5.88	32	0.46	88.00	300	2.4
E840089		0.049	0.09	2.00	39	0.42	11.65	87	1.5
E840090		0.039	0.12	2.03	38	0.40	12.85	155	1.7
E840091		0.033	0.12	2.18	32	0.52	12.00	188	2.0
E840092		0.029	0.19	1.31	52	0.31	6.94	127	2.2
E840093		0.029	0.15	2.84	34	0.49	20.70	214	1.7
E840094		0.018	0.12	3.18	24	0.46	16.65	232	1.7
E840095		0.016	0.11	3.80	19	0.28	30.00	241	1.6
E840096		0.018	0.09	2.74	17	0.10	22.90	127	1.1
E840097		0.015	0.16	2.87	27	0.26	14.70	120	1.1
E840098		0.033	0.13	1.12	55	0.30	4.89	82	1.2
E840099		0.023	0.19	4.88	40	0.25	12.35	130	1.4
E840100		0.025	0.09	3.42	21	0.57	30.80	309	1.8
E841720		0.021	0.19	4.77	29	0.33	23.10	240	1.6
E841721		0.022	0.10	1.14	29	0.27	6.13	95	0.8
E841722		0.015	0.11	1.87	23	0.18	10.40	76	0.8
E841723		0.018	0.18	2.37	38	0.37	11.55	177	1.2
E841724		0.008	0.19	2.27	28	0.13	11.25	194	1.5
E841725		0.018	0.22	5.70	22	0.25	38.30	268	1.8
E841726		0.036	0.16	1.38	43	0.34	4.45	112	1.7
E841727		0.036	0.14	2.12	33	0.27	17.35	123	0.6
E841728		0.034	0.14	1.28	30	0.21	7.42	88	<0.5
E841729		0.034	0.13	1.24	31	0.35	6.10	98	<0.5
E841730		0.033	0.10	1.08	29	0.27	5.75	87	1.1
E841731		0.014	0.20	1.96	27	0.16	18.25	67	0.5
E841732		0.024	0.14	0.98	36	0.25	4.39	64	<0.5
E841733		0.022	0.12	2.48	28	0.29	25.60	106	0.7
E841734		0.027	0.12	1.21	27	0.20	5.27	73	0.5
E841735		0.033	0.15	1.23	29	0.20	7.25	99	0.7
E841736		0.021	0.13	2.16	14	0.10	16.15	63	1.0
E841737		0.040	0.11	0.98	26	0.22	6.10	55	0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E841738		0.38	<0.005	0.08	1.11	13.2	<0.2	<10	90	0.53	0.41	0.64	0.15	42.60	10.2	18
E841739		0.34	0.007	0.11	1.03	13.2	<0.2	<10	90	0.48	0.36	0.99	0.17	35.00	9.5	16
E841740		0.20	0.009	0.18	1.54	17.3	<0.2	<10	130	1.30	0.73	0.80	0.35	85.70	22.7	19
E841741		0.38	0.011	0.09	1.22	14.8	<0.2	<10	70	0.59	0.49	0.38	0.12	45.50	11.1	19
E841742		0.34	0.010	0.14	1.22	16.7	<0.2	<10	90	0.64	0.45	0.96	0.18	43.90	11.5	18
E842466		0.20	0.014	0.98	1.78	109.0	<0.2	<10	40	1.00	13.75	8.02	0.12	21.60	24.9	19
E842467		0.30	0.007	0.49	2.18	26.3	<0.2	<10	150	1.80	3.07	5.02	0.12	66.80	20.8	24
E842468		0.54	<0.005	0.04	1.61	8.2	<0.2	<10	100	0.88	0.53	0.20	0.05	73.70	13.9	24
E842469		0.28	0.009	0.11	1.73	13.6	<0.2	<10	130	1.68	0.59	0.41	0.09	84.20	16.5	27
E842470		0.26	0.011	0.23	1.83	18.5	<0.2	<10	240	1.33	0.89	0.84	0.32	39.20	19.9	26
E842471		0.34	<0.005	0.08	1.89	14.7	<0.2	<10	160	2.21	0.57	0.56	0.17	289.00	13.9	27
E842472		0.34	<0.005	0.04	1.16	4.9	<0.2	<10	40	0.38	0.37	0.04	0.04	51.30	8.4	24
E842473		0.32	<0.005	0.03	1.57	6.3	<0.2	<10	50	0.74	0.33	0.10	0.05	87.80	12.4	26
E842474		0.30	0.014	0.18	1.55	19.5	<0.2	<10	120	0.75	0.95	0.67	0.17	40.50	17.1	24
E842475		0.38	<0.005	0.43	1.16	42.3	<0.2	<10	120	1.27	2.81	2.26	0.27	30.90	24.2	16
E842476		0.26	<0.005	0.30	1.19	27.8	<0.2	<10	160	1.18	2.25	1.01	0.29	26.50	15.2	14
E842477		0.38	0.005	0.22	0.96	36.6	<0.2	<10	90	0.80	2.21	6.85	0.15	27.80	20.8	12
E842478		0.46	0.018	1.19	1.59	1165.0	<0.2	<10	120	1.47	6.27	0.46	0.04	36.30	154.5	21
E842479		0.20	<0.005	4.63	1.35	853.0	<0.2	<10	250	1.32	144.00	1.85	0.21	139.00	83.6	11
E842480		0.32	0.007	0.31	1.37	45.3	<0.2	<10	210	1.02	2.78	1.13	0.32	32.60	35.4	18
E842481		0.32	0.006	0.59	1.25	64.6	<0.2	<10	110	1.00	3.28	3.28	0.27	29.30	32.9	18
E842482		0.36	0.006	1.59	1.56	69.6	<0.2	<10	120	1.37	1.84	0.77	0.18	98.80	27.4	20
E842483		0.32	0.017	1.57	1.54	75.8	0.2	<10	130	1.33	1.77	0.81	0.20	107.00	26.0	19
E842484		0.22	<0.005	0.70	1.53	150.0	<0.2	<10	190	1.59	1.49	1.05	1.87	71.70	58.8	21
E842485		0.28	0.006	0.11	1.73	73.5	<0.2	<10	70	0.81	1.44	0.07	0.12	44.00	18.1	24
E842486		0.38	<0.005	0.16	2.06	88.4	<0.2	<10	50	1.67	1.70	0.05	0.07	163.50	40.4	31
E842487		0.54	0.533	3.93	1.65	1050.0	0.3	<10	90	1.10	10.45	0.34	0.22	54.20	231.0	27
E842488		0.30	<0.005	0.28	2.36	283.0	<0.2	<10	110	1.18	1.81	0.11	0.38	49.60	28.3	27
E842489		0.24	<0.005	0.75	1.19	38.5	<0.2	<10	150	0.68	0.71	1.08	1.42	27.10	10.5	14
E842490		0.24	<0.005	0.12	1.20	17.9	<0.2	<10	70	0.37	0.51	0.05	0.16	33.60	5.4	16
E842491		0.40	<0.005	0.12	1.19	27.0	<0.2	<10	120	0.60	0.70	0.58	0.29	32.60	9.9	18
E842492		0.50	<0.005	0.25	1.45	80.3	<0.2	<10	140	0.89	1.60	0.58	0.27	37.10	18.0	19
E842493		0.30	<0.005	0.18	1.01	80.3	<0.2	<10	530	0.69	2.37	1.05	0.21	60.10	20.0	17
E842494		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	0.01	0.01	1.08	0.1	<1
E842495		0.38	0.011	0.06	1.61	3.4	<0.2	<10	130	1.38	0.46	0.10	0.03	218.00	30.4	22
E842496		0.64	0.010	0.20	1.66	127.0	<0.2	<10	120	2.05	3.17	0.15	0.05	128.00	43.4	19
E842497		0.58	<0.005	0.07	1.47	20.2	<0.2	<10	50	0.57	0.73	0.05	0.09	37.80	12.3	21
E842498		0.66	<0.005	0.06	1.39	9.9	<0.2	<10	40	0.62	0.97	0.13	0.10	48.10	14.3	22
E842499		0.26	<0.005	0.06	1.81	7.4	<0.2	<10	60	0.78	0.46	0.04	0.07	38.70	10.8	21
E842500		0.48	<0.005	0.03	0.82	6.3	<0.2	<10	30	0.17	0.48	0.02	0.02	70.20	5.3	14

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E841738	1.95	23.1	2.62	3.56	0.11	0.04	0.03	0.034	0.05	21.1	24.8	0.66	871	1.02	<0.01
E841739	2.50	25.9	2.42	3.31	0.09	0.04	0.03	0.029	0.06	18.7	23.5	0.71	849	0.96	0.01
E841740	3.15	50.3	3.15	4.39	0.14	0.07	0.05	0.051	0.06	52.6	37.1	0.62	994	1.48	0.01
E841741	2.71	22.0	2.87	4.02	0.11	0.04	0.03	0.036	0.06	22.1	30.3	0.72	804	1.03	<0.01
E841742	3.21	36.2	2.76	3.79	0.12	0.06	0.04	0.039	0.07	25.8	26.8	0.81	1080	1.01	0.01
E842466	1.13	194.0	7.92	5.16	0.52	0.08	0.08	0.213	0.04	10.9	48.4	6.63	3920	2.38	0.01
E842467	3.01	71.2	6.48	5.98	0.17	0.08	0.06	0.220	0.06	46.3	64.2	4.52	4690	1.39	0.01
E842468	2.66	15.1	3.57	5.47	0.10	0.04	0.03	0.059	0.05	32.9	38.0	0.74	1035	0.72	<0.01
E842469	2.49	42.1	4.67	5.01	0.14	0.07	0.04	0.089	0.05	51.5	31.1	0.97	1780	0.85	0.01
E842470	1.62	93.9	6.18	5.62	0.16	0.08	0.09	0.154	0.06	36.5	19.9	1.00	4480	1.34	0.01
E842471	4.66	144.0	3.36	5.39	0.17	0.08	0.05	0.059	0.06	89.7	43.6	0.62	1100	1.06	<0.01
E842472	4.42	5.9	2.59	4.77	0.08	0.02	0.03	0.016	0.04	25.1	32.3	0.47	213	0.44	<0.01
E842473	2.87	34.4	3.08	4.84	0.10	0.04	0.03	0.023	0.04	39.9	42.4	0.60	365	0.57	<0.01
E842474	1.49	50.7	4.68	4.99	0.15	0.07	0.05	0.082	0.07	22.8	24.8	1.24	1820	1.45	0.01
E842475	1.16	126.5	5.71	3.28	0.12	0.07	0.09	0.219	0.05	16.5	18.3	1.63	4660	2.22	0.01
E842476	1.07	65.4	7.53	3.67	0.11	0.07	0.11	0.333	0.04	14.2	13.1	0.52	4990	1.83	<0.01
E842477	1.02	141.0	4.26	2.62	0.10	0.06	0.06	0.126	0.06	14.0	19.3	4.46	3050	1.69	0.01
E842478	2.28	673.0	6.77	3.78	0.11	0.12	0.07	0.227	0.07	20.4	40.5	0.77	4770	2.97	<0.01
E842479	1.93	1700.0	6.64	3.19	0.18	0.14	0.09	0.349	0.06	71.9	45.7	0.79	7910	2.81	0.01
E842480	0.77	230.0	6.14	3.99	0.11	0.08	0.11	0.425	0.04	17.0	16.8	1.11	7280	2.19	0.01
E842481	0.86	99.6	5.73	3.68	0.13	0.09	0.12	0.255	0.05	15.4	20.0	2.46	3630	3.19	0.01
E842482	1.97	79.6	3.71	3.94	0.14	0.11	0.12	0.158	0.07	64.7	42.3	0.88	2660	1.76	<0.01
E842483	1.83	78.6	3.71	3.92	0.15	0.12	0.13	0.165	0.07	69.0	40.6	0.84	2840	1.71	<0.01
E842484	2.61	167.5	8.40	4.60	0.18	0.11	0.15	0.168	0.06	39.1	17.0	0.65	8990	1.46	0.01
E842485	3.72	101.0	4.35	6.89	0.08	0.04	0.04	0.063	0.05	22.9	27.0	0.34	682	2.62	<0.01
E842486	3.97	229.0	5.53	7.02	0.16	0.05	0.04	0.064	0.04	82.3	44.2	0.57	917	2.53	<0.01
E842487	2.40	4690.0	6.35	5.08	0.13	0.06	0.03	0.632	0.07	33.7	37.4	0.92	2100	2.53	0.01
E842488	3.03	103.0	5.09	6.03	0.10	0.05	0.07	0.075	0.06	23.8	34.0	0.51	1495	3.07	<0.01
E842489	4.95	58.3	3.04	3.13	0.08	0.07	0.11	0.175	0.08	16.3	31.0	0.89	2040	1.70	0.01
E842490	3.38	17.9	2.70	4.46	0.06	<0.02	0.03	0.034	0.05	17.2	20.7	0.37	484	1.49	<0.01
E842491	2.22	33.3	2.88	3.64	0.07	0.04	0.03	0.046	0.05	15.9	26.9	0.68	1180	2.04	<0.01
E842492	1.49	143.5	5.53	4.02	0.10	0.08	0.04	0.090	0.05	21.9	28.7	0.70	3880	3.40	<0.01
E842493	0.65	215.0	3.19	3.79	0.11	0.05	0.09	0.150	0.05	32.5	14.5	0.36	8030	0.66	0.01
E842494	<0.05	0.9	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.5	<0.1	<0.01	19	0.08	<0.01
E842495	3.06	39.4	2.93	5.35	0.16	0.03	0.03	0.019	0.07	64.3	48.3	0.85	791	0.85	<0.01
E842496	4.44	1430.0	3.48	4.63	0.20	0.04	0.03	0.075	0.06	66.5	39.0	0.72	1110	7.98	<0.01
E842497	2.80	32.5	3.29	5.97	0.07	0.02	0.04	0.029	0.05	18.8	22.0	0.32	621	2.19	<0.01
E842498	2.82	29.3	3.71	5.29	0.09	0.03	0.03	0.018	0.05	24.4	26.7	0.47	652	2.97	<0.01
E842499	3.33	37.3	3.36	6.38	0.08	0.03	0.04	0.022	0.06	19.1	32.2	0.45	469	1.42	<0.01
E842500	1.62	17.3	2.73	7.52	0.09	<0.02	0.02	0.010	0.03	35.7	6.0	0.17	157	1.96	<0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E841738		0.68	22.4	600	14.1	15.5	<0.001	0.05	0.68	2.8	0.7	0.3	13.2	<0.01	0.06	4.8
E841739		0.79	22.1	630	13.7	15.4	<0.001	0.06	0.65	2.6	0.8	0.2	15.5	<0.01	0.05	4.6
E841740		0.69	37.5	900	18.0	19.4	<0.001	0.08	1.16	3.2	1.7	0.3	22.4	0.01	0.09	6.4
E841741		0.83	24.5	460	14.6	16.5	<0.001	0.03	0.65	3.4	0.6	0.3	10.4	<0.01	0.07	8.2
E841742		0.85	26.7	660	16.3	20.5	<0.001	0.06	0.76	3.5	1.0	0.3	16.4	0.01	0.06	5.8
E842466		0.20	38.6	1220	146.5	6.0	<0.001	0.28	7.27	4.9	1.2	<0.2	29.5	0.01	0.13	3.9
E842467		0.14	42.4	680	40.5	10.9	<0.001	0.05	2.13	4.8	0.9	0.2	18.6	0.01	0.09	16.2
E842468		0.43	30.3	540	9.3	12.9	<0.001	0.02	0.50	3.6	0.5	0.4	7.9	<0.01	0.06	12.2
E842469		0.48	35.8	730	13.1	13.0	<0.001	0.03	0.63	5.8	0.8	0.4	10.3	0.01	0.06	15.7
E842470		0.48	29.1	1030	16.6	15.9	<0.001	0.08	0.92	5.5	1.6	0.4	11.7	0.01	0.10	4.2
E842471		0.43	30.9	1410	13.5	18.3	<0.001	0.07	0.83	3.5	1.3	0.4	12.2	0.01	0.07	10.3
E842472		0.34	27.3	400	7.7	13.6	<0.001	0.01	0.41	2.0	0.3	0.4	5.7	<0.01	0.06	9.6
E842473		0.44	32.5	570	7.3	9.3	<0.001	0.01	0.63	2.9	0.4	0.3	6.9	<0.01	0.04	20.8
E842474		0.57	36.0	650	16.0	15.8	<0.001	0.03	0.99	6.0	0.8	0.4	10.9	<0.01	0.07	6.1
E842475		0.38	45.7	640	23.7	8.2	<0.001	0.06	2.00	4.3	1.2	0.2	13.8	0.01	0.07	4.0
E842476		0.38	26.3	1010	24.1	10.2	<0.001	0.07	1.33	4.1	1.2	0.3	12.5	0.01	0.08	2.5
E842477		0.33	33.3	740	16.8	7.5	<0.001	0.05	1.43	3.6	0.8	0.2	19.3	<0.01	0.05	5.6
E842478		0.13	107.5	770	12.1	9.0	<0.001	0.06	2.04	7.8	1.4	<0.2	10.4	0.01	0.21	14.7
E842479		0.12	89.5	1360	31.7	9.1	<0.001	0.26	8.44	3.4	2.0	0.2	30.0	0.02	0.20	5.9
E842480		0.42	38.2	620	17.0	7.3	<0.001	0.05	1.47	5.7	1.2	0.3	12.7	0.01	0.06	3.0
E842481		0.50	42.6	820	31.3	7.4	<0.001	0.08	2.65	5.0	1.1	0.3	20.3	0.01	0.06	6.3
E842482		0.24	44.4	880	24.0	11.2	<0.001	0.07	6.28	4.1	1.6	0.2	17.2	0.02	0.08	5.8
E842483		0.24	43.5	940	23.5	11.1	<0.001	0.07	5.51	4.0	1.7	0.2	17.4	0.02	0.08	5.7
E842484		0.30	63.2	1350	202.0	12.0	<0.001	0.11	3.98	5.0	2.4	0.3	16.2	0.02	0.12	4.3
E842485		1.11	23.4	570	22.7	14.4	<0.001	0.03	1.62	2.7	0.8	0.6	7.7	<0.01	0.10	6.3
E842486		0.64	37.8	900	14.4	11.3	<0.001	0.03	1.41	2.8	0.9	0.3	6.5	0.01	0.14	15.7
E842487		0.31	139.0	980	22.2	10.1	<0.001	0.28	3.02	7.3	1.9	0.3	10.1	0.01	0.89	17.1
E842488		1.07	40.3	680	39.6	19.4	<0.001	0.03	2.88	4.0	1.0	0.5	9.7	0.01	0.18	8.0
E842489		0.42	26.6	920	120.5	20.5	<0.001	0.10	3.10	2.9	1.5	0.2	19.3	0.01	0.13	2.3
E842490		0.77	12.3	430	29.8	14.4	<0.001	0.03	0.90	1.8	0.6	0.4	7.1	<0.01	0.07	2.0
E842491		0.45	21.8	920	25.4	11.9	<0.001	0.06	1.37	2.5	0.8	0.3	14.1	<0.01	0.11	2.6
E842492		0.39	34.5	980	22.5	11.4	<0.001	0.06	2.18	4.9	1.5	0.3	13.5	0.01	0.17	5.8
E842493		0.10	23.1	840	9.4	4.9	<0.001	0.09	0.97	7.3	1.8	0.2	9.0	0.01	0.04	3.1
E842494		<0.05	0.3	10	0.4	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.5	<0.01	<0.01	0.3
E842495		0.14	37.8	640	3.2	10.2	<0.001	0.02	0.34	2.0	0.6	0.3	2.9	<0.01	0.17	21.2
E842496		0.32	41.8	850	8.1	8.4	<0.001	0.04	3.28	2.7	1.2	0.2	5.1	<0.01	0.23	19.4
E842497		0.64	16.5	780	12.2	11.2	<0.001	0.04	0.86	1.4	0.7	0.4	5.4	<0.01	0.16	5.1
E842498		0.60	21.9	1000	10.2	9.1	<0.001	0.02	0.70	1.7	0.7	0.3	7.0	<0.01	0.15	10.2
E842499		0.53	19.2	780	9.2	13.8	<0.001	0.02	0.51	1.6	0.7	0.4	4.0	<0.01	0.13	10.5
E842500		0.47	8.5	410	7.2	9.2	<0.001	0.01	0.55	1.1	0.4	0.5	2.8	<0.01	0.07	6.0

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E841738		0.033	0.13	1.80	22	0.14	10.25	77	0.8
E841739		0.036	0.15	1.59	20	0.13	9.03	75	1.0
E841740		0.026	0.16	3.42	23	0.20	24.30	157	1.1
E841741		0.040	0.15	1.82	22	0.13	10.40	84	0.9
E841742		0.042	0.18	1.95	23	0.14	16.45	83	1.2
E842466		0.017	9.49	1.35	46	0.10	17.35	58	2.8
E842467		0.009	1.61	1.61	31	0.08	22.60	72	1.6
E842468		0.023	0.16	2.04	33	0.13	7.02	55	1.0
E842469		0.040	0.16	3.68	40	0.29	19.25	63	1.2
E842470		0.034	0.22	2.12	45	0.14	27.20	83	1.8
E842471		0.017	0.19	6.05	31	0.15	20.80	65	1.2
E842472		0.019	0.09	0.89	32	0.08	2.06	28	<0.5
E842473		0.021	0.08	1.46	30	0.15	5.21	51	1.0
E842474		0.050	0.53	1.34	47	0.19	14.45	68	1.6
E842475		0.020	0.47	0.98	34	0.15	21.60	68	1.6
E842476		0.017	0.39	1.09	33	0.13	22.70	53	1.2
E842477		0.021	0.53	1.11	24	0.11	14.05	42	1.5
E842478		<0.005	0.09	2.45	14	0.09	41.00	27	1.9
E842479		0.005	0.15	4.39	11	0.10	57.00	58	1.8
E842480		0.026	0.23	1.08	41	0.16	23.90	55	1.5
E842481		0.023	0.58	1.64	37	0.15	18.10	70	2.3
E842482		0.013	0.12	2.77	23	0.14	55.30	124	1.3
E842483		0.012	0.12	2.83	23	0.14	58.30	120	1.3
E842484		0.019	0.14	2.42	26	0.12	60.70	753	1.5
E842485		0.027	0.22	1.23	51	0.27	4.41	63	1.0
E842486		0.018	0.14	1.72	37	0.17	6.90	60	0.9
E842487		0.016	0.11	11.05	28	0.15	19.95	167	1.0
E842488		0.032	0.20	3.66	44	0.22	8.48	188	1.1
E842489		0.024	0.16	3.90	20	0.14	20.50	917	1.4
E842490		0.034	0.20	0.83	35	0.18	3.38	129	<0.5
E842491		0.023	0.12	1.63	27	0.17	5.51	200	1.0
E842492		0.019	0.11	7.91	29	0.23	21.80	149	1.5
E842493		0.012	0.05	4.38	24	0.08	39.90	52	<0.5
E842494		<0.005	<0.02	0.09	<1	<0.05	0.59	3	0.5
E842495		0.008	0.05	2.31	22	0.11	6.15	25	0.6
E842496		0.014	0.07	14.90	21	0.10	10.75	31	0.7
E842497		0.022	0.12	2.09	42	0.21	3.04	33	<0.5
E842498		0.027	0.07	1.70	37	0.27	4.22	36	0.8
E842499		0.013	0.13	1.38	35	0.15	2.24	36	0.9
E842500		0.021	0.12	0.90	43	0.17	1.89	18	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842501		0.52	<0.005	0.08	1.79	9.1	<0.2	<10	150	1.26	0.51	0.06	0.13	48.40	15.8	26
E842502		0.52	0.010	0.03	2.10	5.3	<0.2	<10	170	2.42	0.40	0.14	0.05	122.50	19.3	31
E842503		0.42	<0.005	0.04	1.32	8.3	<0.2	<10	100	0.78	0.57	0.15	0.18	40.90	22.6	25
E842504		0.50	<0.005	0.03	1.23	12.0	<0.2	<10	40	0.28	0.59	0.03	0.04	71.00	5.7	20
E842505		0.44	0.005	0.04	1.62	8.1	<0.2	<10	30	0.79	0.40	0.10	0.06	81.40	17.1	30
E842506		0.70	<0.005	0.06	1.38	18.9	<0.2	<10	40	0.27	0.75	0.04	0.09	53.70	7.2	26
E842507		0.76	0.022	0.05	1.24	28.9	<0.2	<10	150	0.99	0.85	0.22	0.18	68.00	28.3	23
E842508		0.40	<0.005	0.02	1.65	3.6	<0.2	<10	40	0.83	0.20	0.08	0.03	87.80	13.1	30
E842509		0.42	0.008	0.04	1.23	11.5	<0.2	<10	60	0.63	0.50	0.04	0.10	39.00	19.4	20
E842510		0.50	0.013	0.03	0.52	5.8	<0.2	<10	30	0.09	0.44	0.03	0.02	101.00	3.8	11
E842511		0.28	<0.005	0.06	2.07	13.0	<0.2	<10	60	0.54	0.53	0.05	0.10	39.40	8.4	25
E842512		0.42	0.012	0.08	1.23	26.4	<0.2	<10	100	0.72	0.96	0.51	0.12	30.20	36.8	16
E842513		0.42	<0.005	0.05	1.15	5.6	<0.2	<10	120	1.14	0.27	0.64	0.07	62.70	12.6	19
E842514		0.36	<0.005	0.04	2.88	21.0	<0.2	<10	80	0.62	0.42	0.09	0.13	33.90	16.9	32
E842515		0.50	<0.005	0.04	1.35	21.4	<0.2	<10	130	0.42	0.46	0.39	0.07	42.30	10.9	23
E842516		0.34	0.007	0.18	1.37	236.0	<0.2	<10	150	0.84	4.28	0.67	0.17	46.10	26.2	14
E842517		0.46	0.008	0.18	1.35	420.0	<0.2	<10	140	0.98	8.46	0.49	0.13	56.80	52.6	13
E842518		0.32	<0.005	0.41	1.75	822.0	<0.2	<10	80	0.62	4.54	0.12	0.23	26.10	33.3	14
E842519		0.26	0.006	0.09	1.11	10.9	<0.2	<10	40	0.43	0.66	0.02	0.13	83.00	10.1	10
E842520		0.56	<0.005	0.07	1.08	7.2	<0.2	<10	50	0.46	0.54	0.04	0.15	107.50	12.9	9
E842521		0.28	<0.005	0.06	1.11	6.6	<0.2	<10	50	0.54	0.59	0.03	0.11	88.30	8.1	9
E842522		0.18	<0.005	0.09	1.27	6.8	<0.2	<10	90	0.95	0.65	0.06	0.20	141.50	15.0	10
E842523		0.94	<0.005	0.05	0.80	7.8	<0.2	<10	40	0.49	0.97	0.03	0.09	127.50	13.3	7
E842524		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.01	<0.01	0.01	1.32	0.1	<1
E842525		0.44	<0.005	0.03	0.79	5.7	<0.2	<10	40	0.56	0.61	0.04	0.09	118.50	11.5	6
E842526		0.72	<0.005	0.05	0.80	8.1	<0.2	<10	50	0.47	0.78	0.03	0.08	119.50	13.6	6
E842527		0.48	<0.005	0.04	0.89	7.0	<0.2	<10	40	0.66	0.65	0.05	0.09	134.50	15.4	6
E842528		0.50	<0.005	0.07	1.06	9.2	<0.2	<10	50	0.40	0.73	0.03	0.09	78.70	10.8	9
E842529		0.24	<0.005	0.10	1.10	9.0	<0.2	<10	70	0.62	0.70	0.10	0.10	106.50	10.6	10
E842530		0.92	<0.005	0.05	0.85	2.9	<0.2	<10	40	0.45	0.47	0.03	0.07	181.00	11.7	7
E842531		0.36	<0.005	0.04	0.74	2.1	<0.2	<10	50	0.44	0.62	0.01	0.13	206.00	11.0	6
E842532		0.92	<0.005	0.12	1.08	6.3	<0.2	<10	50	0.44	0.79	0.04	0.10	127.00	11.3	12
E842533		0.36	<0.005	0.05	1.03	5.4	<0.2	<10	50	0.51	0.52	0.02	0.12	116.50	9.1	9
E842534		0.30	<0.005	0.04	1.08	5.6	<0.2	<10	40	0.45	0.54	0.02	0.14	128.50	8.3	9
E842535		0.28	<0.005	0.05	1.35	9.3	<0.2	<10	50	0.28	0.51	0.04	0.08	49.40	6.0	17
E842536		0.40	0.006	0.09	1.23	9.9	<0.2	<10	60	1.08	1.60	0.05	0.14	184.00	17.7	9
E842537		0.88	0.017	0.07	0.80	11.1	<0.2	<10	60	0.77	1.14	0.04	0.11	122.00	18.1	6
E842538		0.28	0.005	0.06	1.06	9.3	<0.2	<10	80	1.19	1.06	0.03	0.13	147.00	15.8	8
E842539		0.28	<0.005	0.10	1.53	10.3	<0.2	<10	60	0.67	0.76	0.03	0.12	115.00	12.9	12
E842540		0.32	<0.005	0.14	1.23	10.6	<0.2	<10	70	0.94	0.91	0.04	0.15	168.00	15.9	10

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842501	3.02	32.3	4.36	7.37	0.09	0.02	0.04	0.044	0.06	24.0	38.8	0.47	1380	2.38	<0.01
E842502	3.74	85.8	4.59	6.58	0.18	0.04	0.03	0.025	0.05	59.6	71.8	1.01	788	1.62	<0.01
E842503	0.99	55.1	4.08	4.12	0.08	0.02	0.02	0.048	0.05	19.1	23.7	0.49	1620	2.22	0.01
E842504	1.89	16.4	3.68	10.30	0.10	<0.02	0.03	0.016	0.04	35.6	7.8	0.21	226	2.23	<0.01
E842505	2.50	66.9	4.23	5.93	0.13	0.03	0.03	0.017	0.05	39.3	35.9	0.72	495	2.02	<0.01
E842506	1.71	19.2	5.89	15.15	0.10	<0.02	0.04	0.025	0.05	26.3	9.7	0.26	394	3.24	<0.01
E842507	1.17	107.0	4.03	4.62	0.12	0.03	0.02	0.030	0.06	31.9	25.4	0.56	1400	2.17	0.01
E842508	1.56	38.1	3.53	5.35	0.13	<0.02	0.04	0.011	0.05	42.6	44.8	0.92	408	1.27	<0.01
E842509	1.53	68.6	4.54	4.95	0.08	<0.02	0.04	0.054	0.05	18.1	15.4	0.24	2770	2.09	<0.01
E842510	0.87	22.5	1.97	4.46	0.11	<0.02	0.02	0.009	0.03	51.1	2.1	0.05	159	1.81	<0.01
E842511	1.36	45.6	3.84	6.22	0.07	0.05	0.04	0.045	0.05	18.0	28.5	0.35	514	2.15	<0.01
E842512	0.66	333.0	3.37	3.27	0.07	0.07	0.03	0.051	0.06	16.2	21.5	0.49	1435	2.69	0.01
E842513	1.26	41.5	2.44	3.36	0.09	0.04	0.02	0.015	0.07	31.1	27.0	0.49	432	0.86	0.01
E842514	1.24	26.7	3.71	6.18	0.08	0.07	0.05	0.038	0.06	16.8	31.2	0.42	637	1.79	0.01
E842515	0.98	26.6	2.93	5.28	0.08	0.03	0.04	0.019	0.05	21.3	25.9	0.53	451	1.99	0.01
E842516	0.55	296.0	5.18	3.56	0.12	0.06	0.04	0.077	0.05	25.4	18.2	0.60	4090	5.25	0.01
E842517	0.65	282.0	5.50	3.41	0.12	0.08	0.03	0.077	0.06	27.2	17.1	0.51	3350	8.15	0.01
E842518	1.14	301.0	9.39	5.54	0.12	0.03	0.07	0.104	0.05	12.8	12.3	0.21	2380	19.90	<0.01
E842519	1.69	24.2	2.36	3.76	0.07	0.03	0.06	0.027	0.05	34.4	15.9	0.18	631	1.29	<0.01
E842520	1.20	26.1	2.31	2.99	0.13	0.04	0.05	0.020	0.06	41.6	14.1	0.18	904	1.00	<0.01
E842521	1.69	19.0	2.58	3.34	0.12	0.07	0.03	0.019	0.06	36.8	16.3	0.16	433	1.00	<0.01
E842522	2.14	30.1	2.49	3.77	0.20	0.06	0.03	0.019	0.08	70.9	18.0	0.22	606	0.95	<0.01
E842523	1.02	21.6	2.40	2.74	0.15	0.03	0.03	0.016	0.06	50.2	12.9	0.16	874	1.16	<0.01
E842524	<0.05	0.5	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	<5	<0.05	<0.01
E842525	1.11	18.9	2.13	2.76	0.11	0.02	0.01	0.016	0.06	44.9	13.9	0.16	669	1.02	<0.01
E842526	1.06	23.1	2.44	2.73	0.14	0.03	0.02	0.021	0.08	47.6	11.8	0.16	975	1.03	<0.01
E842527	0.75	25.7	2.27	2.88	0.14	0.03	0.04	0.017	0.04	50.4	18.9	0.18	1005	1.11	<0.01
E842528	1.59	24.4	2.44	3.23	0.10	0.03	0.06	0.024	0.07	32.2	11.4	0.17	665	1.36	0.01
E842529	1.32	28.1	2.63	2.85	0.11	0.02	0.03	0.021	0.08	50.0	11.9	0.22	513	0.96	0.01
E842530	0.75	16.1	2.48	2.48	0.15	0.02	0.01	0.013	0.06	77.9	12.3	0.41	752	0.96	<0.01
E842531	0.81	18.4	2.60	2.37	0.16	0.03	0.01	0.012	0.08	82.7	8.2	0.14	733	0.68	<0.01
E842532	1.38	23.6	2.66	3.05	0.10	0.03	0.07	0.023	0.10	57.7	9.1	0.20	630	1.21	0.01
E842533	1.35	18.5	2.40	2.73	0.10	0.03	0.02	0.016	0.08	46.1	12.8	0.16	516	0.85	<0.01
E842534	1.58	17.1	2.51	2.77	0.10	0.03	0.02	0.017	0.07	46.2	13.5	0.17	511	0.87	<0.01
E842535	2.05	15.2	3.11	5.50	0.07	<0.02	0.04	0.024	0.07	21.5	10.0	0.21	346	1.64	0.01
E842536	2.84	43.8	2.53	3.28	0.15	0.03	0.03	0.033	0.08	63.7	16.1	0.18	1165	1.50	<0.01
E842537	1.37	36.1	2.71	2.17	0.11	0.03	0.03	0.034	0.11	52.1	10.0	0.15	1375	1.12	<0.01
E842538	2.89	39.5	2.64	2.80	0.12	0.04	0.03	0.032	0.09	57.7	14.4	0.16	1460	1.33	<0.01
E842539	2.93	26.2	3.10	4.14	0.10	0.03	0.02	0.032	0.08	40.2	18.8	0.21	994	1.62	0.01
E842540	2.72	33.2	2.59	3.23	0.12	0.03	0.02	0.028	0.08	49.2	17.2	0.19	1185	1.41	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842501		0.50	22.5	1000	11.3	16.7	<0.001	0.05	0.66	2.4	0.8	0.5	5.0	<0.01	0.10	11.6
E842502		0.16	43.5	690	6.5	8.8	<0.001	0.03	0.70	2.6	0.7	0.3	4.9	<0.01	0.08	27.2
E842503		0.69	26.7	700	9.3	9.3	<0.001	0.03	0.75	4.4	0.6	0.5	9.8	<0.01	0.09	9.0
E842504		0.95	11.5	440	11.0	6.4	<0.001	0.02	0.88	1.8	0.5	0.8	4.8	<0.01	0.08	6.0
E842505		0.41	31.6	790	7.9	10.4	<0.001	0.02	0.72	2.0	0.6	0.3	5.5	<0.01	0.08	13.0
E842506		1.01	16.7	1370	20.3	11.3	<0.001	0.05	1.15	1.8	0.8	0.9	6.7	<0.01	0.12	2.9
E842507		0.57	31.9	820	8.9	7.7	<0.001	0.02	0.77	3.6	0.8	0.4	9.3	<0.01	0.09	12.8
E842508		0.12	42.5	640	3.9	8.8	<0.001	0.03	0.34	1.6	0.5	0.3	2.2	<0.01	0.04	16.0
E842509		0.52	16.1	940	13.4	12.4	<0.001	0.04	0.54	2.8	0.7	0.4	4.4	<0.01	0.13	3.6
E842510		0.35	6.8	340	5.0	8.3	<0.001	0.01	0.47	1.1	0.4	0.6	2.5	<0.01	0.13	4.9
E842511		1.04	14.9	500	15.7	9.8	<0.001	0.02	0.53	3.2	0.6	0.6	6.0	<0.01	0.11	9.2
E842512		0.33	20.0	730	4.8	11.7	<0.001	0.06	0.45	4.5	0.9	0.4	6.5	<0.01	0.11	8.5
E842513		0.25	21.6	600	5.6	14.3	<0.001	0.06	0.32	2.6	0.7	0.3	7.4	<0.01	0.03	13.3
E842514		1.45	22.5	540	18.9	11.2	<0.001	0.03	0.85	4.1	1.1	0.6	10.1	0.02	0.06	7.2
E842515		0.70	19.6	460	8.8	11.8	<0.001	0.04	0.58	2.7	0.4	0.4	9.0	<0.01	0.05	5.2
E842516		0.29	27.8	820	9.8	9.2	<0.001	0.07	1.18	3.6	1.6	0.2	9.1	<0.01	0.17	2.6
E842517		0.32	35.5	1140	12.8	9.4	<0.001	0.10	1.80	3.9	1.6	0.2	9.1	<0.01	0.45	5.2
E842518		0.74	50.4	1270	28.4	11.2	<0.001	0.06	4.33	2.9	1.7	0.5	6.6	0.01	0.28	5.4
E842519		1.38	9.9	580	20.0	11.6	0.001	0.04	0.55	1.0	0.7	0.2	3.3	0.01	0.04	7.3
E842520		2.02	10.6	540	16.1	10.7	<0.001	0.03	0.63	1.3	0.9	0.2	3.8	0.01	0.04	13.0
E842521		2.12	8.9	390	15.4	11.2	<0.001	0.03	0.47	1.1	0.8	0.2	2.9	0.01	0.04	12.6
E842522		2.27	11.6	380	23.0	13.5	<0.001	0.02	0.48	1.7	1.3	0.2	5.1	0.01	0.04	14.8
E842523		2.24	9.9	260	17.5	7.7	<0.001	0.01	0.60	1.2	0.9	<0.2	3.0	0.02	0.03	22.2
E842524		<0.05	0.3	10	0.7	0.1	<0.001	<0.01	<0.05	0.1	<0.2	<0.2	0.6	<0.01	<0.01	0.4
E842525		2.34	8.6	260	16.2	8.7	<0.001	0.01	0.43	1.0	0.6	<0.2	2.9	0.02	0.02	19.8
E842526		2.12	9.0	270	17.8	9.1	<0.001	0.01	0.58	1.3	0.9	<0.2	2.7	0.02	0.03	23.7
E842527		1.98	9.4	280	14.3	5.9	<0.001	0.01	0.77	1.3	0.8	<0.2	2.6	0.02	0.05	20.7
E842528		1.72	10.6	510	14.3	13.8	<0.001	0.05	0.75	1.5	0.9	0.3	4.0	0.01	0.04	10.8
E842529		1.92	11.6	430	17.1	11.5	<0.001	0.03	0.62	1.7	0.7	0.2	6.6	0.01	0.03	15.9
E842530		1.45	10.2	210	13.1	5.7	<0.001	0.01	0.76	1.0	0.4	<0.2	3.2	0.02	0.02	30.0
E842531		1.97	9.5	240	18.9	9.3	<0.001	0.01	0.56	0.9	0.5	<0.2	3.4	0.02	0.02	27.4
E842532		2.14	12.1	540	49.0	14.3	<0.001	0.06	0.51	1.3	0.7	0.2	4.9	0.01	0.04	14.6
E842533		1.84	10.9	350	17.7	12.5	<0.001	0.02	0.37	0.9	0.4	<0.2	3.2	0.01	0.03	14.4
E842534		1.86	10.4	320	20.2	12.0	<0.001	0.02	0.40	0.9	0.4	0.2	3.2	0.01	0.03	15.3
E842535		1.48	11.9	510	15.0	15.9	<0.001	0.06	0.64	1.4	0.6	0.5	5.7	<0.01	0.06	4.4
E842536		1.88	12.2	450	32.6	15.1	<0.001	0.03	0.66	1.4	0.7	0.2	4.8	0.01	0.04	17.7
E842537		1.80	14.1	330	22.3	11.0	<0.001	0.02	0.68	1.3	0.6	<0.2	4.0	0.01	0.04	22.1
E842538		2.11	11.1	330	17.7	16.3	<0.001	0.03	0.63	1.5	0.7	0.2	3.2	0.02	0.04	22.1
E842539		1.80	11.3	550	30.1	19.1	<0.001	0.03	0.53	1.4	0.6	0.3	4.3	0.01	0.04	11.8
E842540		2.22	10.7	470	46.6	14.7	<0.001	0.04	0.54	1.2	0.6	0.2	3.4	0.01	0.04	16.2

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842501		0.015	0.15	2.96	39	0.18	5.19	41	0.5
E842502		0.021	0.08	5.45	31	0.11	8.47	41	0.8
E842503		0.042	0.14	1.59	44	0.34	5.87	59	0.5
E842504		0.037	0.16	1.14	69	0.26	2.61	32	<0.5
E842505		0.022	0.06	2.54	36	0.17	4.52	40	0.6
E842506		0.043	0.16	1.08	87	0.27	2.61	45	<0.5
E842507		0.039	0.10	2.51	38	0.51	8.60	45	0.6
E842508		0.018	0.04	2.39	22	0.11	3.06	30	<0.5
E842509		0.023	0.11	1.02	35	0.34	4.03	34	<0.5
E842510		0.018	0.11	0.53	29	1.21	1.70	15	<0.5
E842511		0.029	0.12	1.27	49	0.27	2.68	42	1.4
E842512		0.014	0.06	12.20	24	0.44	9.97	28	1.4
E842513		0.018	0.07	4.06	21	0.10	6.85	36	0.9
E842514		0.049	0.14	0.91	53	0.23	4.07	67	2.3
E842515		0.028	0.09	1.07	37	0.18	3.02	41	0.8
E842516		0.016	0.13	3.66	26	0.15	20.60	44	1.3
E842517		0.014	0.20	3.19	24	0.21	17.20	47	1.9
E842518		0.026	0.18	3.00	38	0.23	8.96	87	0.9
E842519		0.011	0.12	2.81	17	0.36	7.68	52	0.6
E842520		0.012	0.10	3.95	14	0.39	11.05	53	0.7
E842521		0.009	0.09	2.91	14	0.40	9.47	43	1.1
E842522		0.011	0.11	5.07	14	0.41	22.50	57	0.9
E842523		0.012	0.05	4.14	9	0.42	13.65	44	<0.5
E842524		<0.005	<0.02	0.09	<1	<0.05	0.65	2	0.5
E842525		0.011	0.06	3.77	8	0.40	12.70	58	<0.5
E842526		0.012	0.07	4.25	8	0.44	13.45	47	0.6
E842527		0.005	0.05	3.61	8	0.40	13.30	47	<0.5
E842528		0.012	0.13	3.29	18	0.39	8.86	55	0.7
E842529		0.014	0.08	3.80	16	0.31	18.50	56	<0.5
E842530		0.009	0.04	4.86	5	0.35	15.55	43	0.5
E842531		0.008	0.05	4.56	5	0.33	18.05	61	<0.5
E842532		0.009	0.13	3.59	14	0.38	14.70	62	0.5
E842533		0.010	0.07	2.71	12	0.35	9.91	68	0.5
E842534		0.009	0.08	2.51	12	0.32	9.51	67	0.7
E842535		0.024	0.15	1.19	40	0.30	4.37	57	<0.5
E842536		0.011	0.10	5.87	14	0.42	17.25	129	<0.5
E842537		0.008	0.08	6.33	7	0.37	16.20	48	<0.5
E842538		0.008	0.11	6.47	11	0.41	18.50	70	0.5
E842539		0.011	0.12	3.49	22	0.36	10.90	101	0.5
E842540		0.009	0.09	4.45	13	0.50	15.55	103	<0.5

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842541		0.50	<0.005	0.14	1.18	15.9	<0.2	<10	60	0.83	0.81	0.03	0.09	155.00	37.3	9
E842542		0.46	<0.005	0.20	1.05	19.6	<0.2	<10	50	1.19	1.45	0.03	0.18	141.00	35.9	8
E842543		0.48	<0.005	0.07	0.85	9.6	<0.2	<10	60	0.76	0.80	0.04	0.11	146.00	16.3	6
E842544		0.36	<0.005	0.21	0.84	14.8	<0.2	<10	70	0.71	0.95	0.05	0.11	166.00	26.9	9
E842545		0.50	0.011	0.15	0.91	15.8	<0.2	<10	50	0.68	0.94	0.04	0.07	100.50	22.2	9
E842546		0.46	<0.005	0.12	0.51	10.5	<0.2	<10	260	1.23	0.65	4.58	0.12	17.75	17.6	8
E842547		0.58	<0.005	0.10	1.06	10.8	<0.2	<10	70	0.67	0.96	0.04	0.11	145.00	14.5	7
E842548		0.30	<0.005	0.08	1.94	10.1	<0.2	<10	50	0.55	0.77	0.04	0.15	82.10	9.4	13
E842549		0.24	<0.005	0.12	1.28	14.4	<0.2	<10	80	1.34	0.98	0.09	0.10	180.50	22.9	10
E842550		0.42	<0.005	0.10	1.22	8.0	<0.2	<10	60	0.39	0.61	0.04	0.09	65.90	6.5	12
E842551		0.54	<0.005	0.07	1.32	7.8	<0.2	<10	80	0.52	0.63	0.19	0.13	72.70	6.9	12
E842552		0.38	0.005	0.04	1.25	8.3	<0.2	<10	70	0.59	0.77	0.06	0.06	104.50	8.5	10
E842553		0.26	<0.005	0.06	0.89	7.9	<0.2	<10	60	0.56	0.69	0.04	0.05	97.20	11.3	7
E842554		0.20	<0.005	0.09	1.37	9.5	<0.2	<10	130	0.84	0.86	0.07	0.16	42.60	12.4	15
E842555		0.20	0.005	0.15	2.04	15.0	<0.2	<10	210	1.14	0.55	0.38	0.32	49.00	12.9	27
E842556		0.22	0.012	0.11	0.93	66.7	<0.2	<10	170	0.59	19.65	1.15	0.19	63.80	73.1	10
E842557		0.20	0.005	0.10	1.59	12.0	<0.2	<10	260	0.88	0.59	0.48	0.24	82.80	11.7	23
E842558		0.34	0.005	0.08	1.66	16.0	<0.2	<10	190	0.78	0.78	0.27	0.15	54.00	11.0	23
E842559		0.44	0.007	0.11	1.52	11.3	<0.2	<10	210	1.08	0.84	0.47	0.08	67.40	17.0	24
E842560		0.30	0.005	0.07	1.76	13.7	<0.2	<10	120	1.49	0.79	0.13	0.13	267.00	19.9	24
E842561		0.32	<0.005	0.12	1.66	15.5	<0.2	<10	120	0.93	0.57	0.16	0.13	117.00	16.1	26
E842562		0.04	<0.005	<0.01	0.01	<0.1	<0.2	<10	10	<0.05	0.02	0.01	0.01	1.15	0.1	<1
E842563		0.32	0.006	0.07	1.62	12.7	<0.2	<10	50	0.78	0.49	0.13	0.11	90.60	11.0	26
E842564		0.70	0.006	0.23	1.79	11.9	<0.2	<10	40	0.48	0.62	0.07	0.07	136.50	10.4	32
E842565		0.88	0.020	0.63	2.24	95.6	<0.2	<10	60	1.75	2.56	0.10	0.95	283.00	103.5	36
E842566		0.60	<0.005	0.28	2.25	83.0	<0.2	<10	50	0.85	1.69	0.10	0.18	82.30	16.9	33
E842567		0.38	<0.005	0.35	2.33	128.0	<0.2	<10	40	1.24	3.02	0.04	0.15	138.50	25.0	33
E842568		0.36	<0.005	0.17	2.06	17.9	<0.2	<10	70	0.57	0.84	0.09	0.16	100.00	37.9	51
E842569		0.42	<0.005	0.45	1.53	36.6	<0.2	<10	70	0.84	1.02	0.09	0.46	52.70	15.4	21
E842570		0.48	<0.005	0.33	1.81	15.9	<0.2	<10	120	1.23	0.51	0.34	1.66	62.70	17.8	21
E842571		0.28	<0.005	0.30	0.94	35.3	<0.2	<10	140	0.82	0.71	1.29	2.30	51.40	17.1	7
E842572		0.28	<0.005	0.45	1.04	24.9	<0.2	<10	90	0.70	0.80	0.31	1.68	115.00	16.2	9
E842573		0.26	<0.005	0.29	0.73	20.4	<0.2	<10	90	0.40	0.53	1.15	1.10	41.30	11.7	5
E842574		0.36	<0.005	0.13	0.92	29.0	<0.2	<10	60	0.41	0.81	0.12	0.17	37.60	7.7	12
E842575		0.22	<0.005	0.26	0.78	12.8	<0.2	<10	110	0.38	0.59	1.28	1.25	33.10	10.8	8
E842576		0.24	<0.005	0.43	0.98	17.2	<0.2	<10	100	0.83	0.87	1.15	0.43	74.50	26.5	10
E842577		0.36	<0.005	0.15	1.39	14.7	<0.2	<10	130	0.72	1.37	2.34	0.07	49.90	16.7	19
E842578		0.38	<0.005	0.14	2.19	28.8	<0.2	<10	60	0.67	0.75	0.06	0.14	27.80	9.9	33
E842579		0.32	<0.005	0.17	1.11	15.0	<0.2	<10	60	0.34	0.59	0.06	0.08	33.00	4.4	18
E842580		0.46	<0.005	0.73	3.11	37.2	<0.2	<10	80	1.19	0.64	0.10	0.21	36.40	16.5	44

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842541		2.87	65.3	2.86	3.18	0.13	0.03	0.07	0.043	0.06	60.5	14.5	0.18	2620	2.42	0.01
E842542		2.69	92.8	2.67	2.85	0.10	0.02	0.03	0.032	0.05	51.6	17.6	0.17	1400	2.13	0.01
E842543		2.20	39.9	2.85	2.40	0.12	0.02	0.03	0.027	0.09	58.6	11.0	0.14	1460	1.40	0.01
E842544		3.64	66.5	2.80	2.59	0.13	0.02	0.05	0.027	0.07	70.8	8.8	0.13	1455	1.85	0.01
E842545		2.47	64.7	2.62	2.86	0.10	0.02	0.04	0.023	0.06	43.6	10.9	0.14	1005	1.98	<0.01
E842546		1.91	24.0	4.29	1.09	<0.05	0.05	0.13	0.070	0.07	8.1	3.3	2.57	2050	1.05	0.01
E842547		2.13	47.2	3.33	2.64	0.11	0.02	0.04	0.040	0.10	60.1	11.4	0.16	1460	1.04	0.01
E842548		2.25	31.7	4.05	3.79	0.09	0.05	0.09	0.036	0.07	34.6	17.6	0.19	675	1.23	0.01
E842549		3.42	64.1	2.88	3.50	0.18	0.04	0.04	0.032	0.10	99.2	14.8	0.19	1240	1.57	0.01
E842550		2.36	25.6	2.24	3.52	0.07	0.02	0.05	0.027	0.10	29.1	8.5	0.17	330	1.31	0.01
E842551		2.56	19.9	2.59	4.61	0.08	0.03	0.03	0.020	0.10	34.5	10.7	0.16	443	1.46	0.01
E842552		2.50	27.1	2.68	3.81	0.11	0.03	0.01	0.027	0.10	47.5	11.1	0.16	438	1.27	0.01
E842553		1.69	23.0	2.45	2.42	0.10	0.03	0.01	0.024	0.11	42.7	11.4	0.15	653	0.87	<0.01
E842554		1.65	113.0	4.36	4.67	0.06	<0.02	0.21	0.120	0.07	18.2	18.0	0.23	4170	3.45	0.01
E842555		1.50	27.7	5.02	5.16	0.08	0.06	0.07	0.077	0.07	24.7	26.7	0.70	3440	1.64	0.01
E842556		0.66	260.0	5.16	2.37	0.11	0.05	0.08	0.141	0.04	53.5	9.3	0.21	12300	2.96	0.01
E842557		1.24	48.8	3.71	4.46	0.13	0.06	0.03	0.064	0.05	68.2	30.4	0.72	2040	1.65	0.01
E842558		1.87	58.2	3.75	5.74	0.08	0.02	0.02	0.051	0.07	27.0	24.2	0.52	1215	1.78	0.01
E842559		1.88	67.2	3.76	4.33	0.10	0.06	0.02	0.037	0.07	32.8	38.5	0.90	1235	0.95	0.01
E842560		2.83	120.0	4.11	6.38	0.18	0.03	0.04	0.048	0.05	105.0	52.5	0.63	1815	1.49	0.01
E842561		2.22	120.5	3.27	4.70	0.13	0.04	0.03	0.034	0.05	57.4	39.5	0.65	972	1.07	0.01
E842562		<0.05	0.7	0.01	<0.05	<0.05	0.02	<0.01	<0.005	<0.01	0.6	0.1	<0.01	6	<0.05	<0.01
E842563		2.75	150.5	3.54	4.95	0.10	0.02	0.02	0.031	0.05	42.0	43.5	0.57	422	0.89	0.01
E842564		2.14	145.5	5.43	8.21	0.09	0.02	0.07	0.029	0.04	34.2	32.5	0.52	569	3.40	0.01
E842565		2.82	943.0	4.66	8.63	0.46	0.07	0.04	0.112	0.06	135.0	67.5	1.00	1750	1.81	0.01
E842566		1.59	61.0	5.32	6.44	0.13	0.04	0.09	0.030	0.05	22.6	39.9	0.48	696	1.50	0.01
E842567		1.97	125.5	5.87	8.56	0.14	0.05	0.03	0.044	0.04	24.1	45.6	0.63	720	2.15	<0.01
E842568		1.44	26.3	3.59	8.22	0.13	0.04	0.05	0.029	0.06	41.4	44.2	0.50	669	2.71	0.01
E842569		2.59	45.9	4.07	5.22	0.11	0.02	0.05	0.043	0.07	22.7	29.5	0.49	1310	2.16	0.01
E842570		5.37	37.0	4.40	5.32	0.19	0.05	0.07	0.062	0.18	34.0	41.5	1.02	4960	0.73	0.01
E842571		1.26	43.5	3.80	2.90	0.13	0.10	0.10	0.072	0.07	27.0	12.5	0.38	4990	1.71	0.01
E842572		1.73	46.7	3.93	3.72	0.24	0.06	0.10	0.067	0.06	59.4	18.0	0.28	3340	1.95	0.01
E842573		0.98	40.2	3.49	2.17	0.13	0.08	0.11	0.053	0.05	21.5	11.7	0.40	4970	1.62	0.01
E842574		1.22	28.5	3.86	3.57	0.09	<0.02	0.04	0.035	0.06	18.4	15.5	0.30	571	1.93	0.01
E842575		0.95	30.2	2.46	2.51	0.10	0.05	0.14	0.045	0.07	21.7	10.5	0.32	2930	1.20	0.01
E842576		1.65	56.2	3.30	2.90	0.15	0.07	0.04	0.056	0.07	34.8	25.4	0.72	2030	1.35	0.01
E842577		1.11	74.3	3.59	3.65	0.12	0.07	0.02	0.049	0.12	25.7	30.1	2.08	2050	0.89	0.01
E842578		1.84	45.7	5.89	8.81	0.10	0.03	0.07	0.037	0.06	13.6	26.8	0.33	720	1.79	0.01
E842579		3.68	12.6	2.67	7.13	0.08	<0.02	0.03	0.022	0.08	17.0	10.7	0.23	284	1.03	0.01
E842580		3.85	61.1	4.25	5.91	0.11	0.06	0.10	0.054	0.10	15.9	37.5	0.52	573	1.49	0.01

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842541		0.80	17.2	670	29.6	12.4	<0.001	0.04	0.81	1.7	0.7	0.2	3.6	0.01	0.06	17.9
E842542		1.35	20.6	490	61.3	10.1	<0.001	0.03	0.96	1.2	0.6	0.2	3.2	0.01	0.10	18.9
E842543		1.69	12.1	320	18.6	11.3	<0.001	0.01	1.18	1.5	0.5	0.2	3.7	0.02	0.05	24.8
E842544		0.65	19.0	540	37.4	13.2	<0.001	0.02	1.79	1.3	0.6	0.2	7.2	0.01	0.09	13.0
E842545		1.01	17.5	560	19.2	11.5	<0.001	0.03	1.39	1.1	0.5	0.2	4.4	0.01	0.08	12.1
E842546		0.13	22.0	950	21.2	6.7	<0.001	0.08	0.86	10.4	0.9	0.2	24.9	<0.01	0.06	1.3
E842547		1.62	13.5	390	16.3	14.6	<0.001	0.02	2.72	1.7	0.6	0.2	3.7	0.01	0.04	20.1
E842548		2.08	13.8	650	15.4	15.0	<0.001	0.05	1.13	1.8	0.8	0.3	4.4	0.01	0.05	13.8
E842549		1.53	15.5	490	30.5	16.9	<0.001	0.04	1.05	1.6	0.9	0.2	5.9	0.01	0.06	14.3
E842550		1.80	10.7	660	14.5	18.5	<0.001	0.08	0.68	1.3	0.7	0.3	5.0	0.01	0.05	6.3
E842551		1.67	10.4	610	18.1	19.5	<0.001	0.06	0.52	1.1	0.6	0.3	8.2	0.01	0.05	6.1
E842552		1.51	11.1	380	14.5	19.0	<0.001	0.03	0.62	1.2	0.5	0.3	4.9	0.01	0.04	9.2
E842553		2.05	10.6	240	15.3	13.7	<0.001	0.02	0.47	1.0	0.4	<0.2	3.3	0.01	0.03	16.3
E842554		0.47	11.4	1030	12.5	22.1	<0.001	0.08	0.64	1.7	0.6	0.4	4.4	<0.01	0.15	2.3
E842555		0.64	28.0	540	16.2	13.2	<0.001	0.04	0.82	5.3	0.9	0.5	12.3	<0.01	0.05	3.7
E842556		0.25	35.9	2590	10.1	6.2	<0.001	0.30	0.69	3.6	1.4	0.2	34.3	0.01	0.11	4.3
E842557		0.38	27.8	880	9.5	11.4	<0.001	0.05	0.76	3.4	0.8	0.3	10.3	<0.01	0.06	5.9
E842558		0.70	26.9	570	11.9	14.9	<0.001	0.03	0.76	3.4	0.5	0.5	10.1	<0.01	0.06	5.0
E842559		0.30	34.4	710	7.1	7.5	<0.001	0.04	0.70	3.1	0.5	0.3	9.6	<0.01	0.07	14.3
E842560		0.22	32.1	780	12.6	11.2	<0.001	0.03	0.59	4.1	0.6	0.4	6.0	<0.01	0.05	21.3
E842561		0.60	33.6	600	9.2	9.1	<0.001	0.01	0.67	3.8	0.6	0.4	11.1	<0.01	0.04	15.0
E842562		<0.05	0.5	10	0.5	0.1	<0.001	0.01	<0.05	<0.1	<0.2	<0.2	0.7	<0.01	<0.01	0.3
E842563		0.58	29.1	560	10.6	9.7	<0.001	0.01	0.65	2.7	0.4	0.4	9.3	<0.01	0.04	14.1
E842564		0.23	22.0	1570	9.9	11.9	<0.001	0.09	0.48	2.1	0.8	0.3	5.6	<0.01	0.11	12.3
E842565		0.29	52.5	810	50.4	10.6	<0.001	0.04	2.46	5.0	2.0	0.3	5.6	0.01	0.19	22.6
E842566		0.74	25.6	1480	11.0	10.9	<0.001	0.06	0.80	2.0	1.2	0.3	6.3	0.01	0.09	7.5
E842567		0.64	32.0	1140	17.5	12.2	<0.001	0.04	1.45	2.9	1.2	0.3	4.5	<0.01	0.11	14.4
E842568		0.75	30.3	1350	13.1	12.6	<0.001	0.05	0.80	3.5	1.2	0.4	9.3	<0.01	0.09	10.3
E842569		0.62	26.4	670	49.5	17.3	<0.001	0.06	2.15	1.7	0.9	0.3	5.9	<0.01	0.11	4.9
E842570		0.47	31.8	960	90.1	31.7	<0.001	0.05	0.97	3.1	1.7	0.3	10.2	0.01	0.09	5.6
E842571		0.47	21.4	1520	119.5	12.7	<0.001	0.15	1.64	1.9	1.8	0.2	36.9	0.01	0.16	3.9
E842572		0.31	33.4	990	60.9	14.6	<0.001	0.07	1.48	1.9	1.8	0.2	10.5	0.01	0.13	3.5
E842573		0.10	29.1	1220	73.0	8.3	<0.001	0.12	1.02	1.5	2.0	<0.2	25.0	0.01	0.14	1.4
E842574		0.54	22.0	740	33.2	10.1	<0.001	0.07	1.61	1.2	1.0	0.2	8.0	<0.01	0.11	3.5
E842575		0.25	18.9	1240	55.4	9.2	<0.001	0.13	0.74	1.6	1.5	0.2	26.5	<0.01	0.10	1.6
E842576		0.23	49.7	520	75.6	9.6	<0.001	0.08	2.06	2.2	1.5	<0.2	19.6	<0.01	0.15	7.5
E842577		0.12	27.2	520	10.3	7.9	<0.001	0.05	0.81	2.6	0.8	0.2	7.6	<0.01	0.05	10.1
E842578		1.18	14.3	1000	12.8	12.9	<0.001	0.05	0.86	2.4	1.1	0.6	6.0	0.01	0.08	5.8
E842579		1.47	9.7	310	16.8	19.4	<0.001	0.02	0.57	1.8	0.5	0.7	7.1	<0.01	0.07	3.3
E842580		1.78	30.3	860	32.9	18.8	<0.001	0.05	1.00	3.9	1.3	0.4	8.7	0.02	0.08	7.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842541		0.007	0.10	6.29	14	0.31	11.85	53	0.6
E842542		0.005	0.07	4.96	10	0.40	12.25	131	<0.5
E842543		0.007	0.07	4.93	9	0.41	15.75	49	<0.5
E842544		0.006	0.10	5.60	12	0.30	13.75	60	<0.5
E842545		0.008	0.08	3.76	14	0.38	9.62	41	<0.5
E842546		<0.005	0.08	0.85	17	0.08	21.50	61	0.9
E842547		0.005	0.11	4.16	11	0.37	14.65	49	<0.5
E842548		0.012	0.13	2.58	24	0.32	7.50	52	1.2
E842549		0.006	0.10	5.63	13	0.38	25.30	67	0.5
E842550		0.010	0.14	2.36	21	0.30	7.47	46	0.5
E842551		0.010	0.13	2.36	23	0.33	8.49	56	0.5
E842552		0.009	0.11	3.62	18	0.35	12.60	48	<0.5
E842553		0.006	0.07	3.46	7	0.37	10.40	46	0.5
E842554		0.024	0.23	1.77	39	0.20	5.08	52	<0.5
E842555		0.040	0.24	1.14	52	0.19	20.90	68	1.3
E842556		0.016	0.26	6.02	19	0.11	33.50	36	1.0
E842557		0.022	0.13	4.23	33	0.18	20.10	65	1.4
E842558		0.032	0.17	1.37	47	0.23	10.20	59	<0.5
E842559		0.038	0.16	2.20	29	0.16	8.73	38	2.1
E842560		0.013	0.16	4.63	27	0.10	15.70	145	0.6
E842561		0.035	0.14	2.43	35	0.19	13.25	113	0.8
E842562		<0.005	<0.02	0.10	<1	<0.05	0.71	3	0.6
E842563		0.027	0.09	1.75	32	0.16	8.00	139	0.5
E842564		0.008	0.08	3.74	30	0.08	7.10	93	0.5
E842565		0.011	0.11	3.49	23	0.15	25.60	255	0.8
E842566		0.018	0.09	1.54	34	0.16	5.36	89	0.8
E842567		0.018	0.12	2.08	35	0.37	9.45	113	1.0
E842568		0.027	0.14	1.63	61	0.19	5.25	69	0.8
E842569		0.028	0.16	1.21	25	0.11	4.44	263	<0.5
E842570		0.061	0.30	1.35	19	0.08	29.80	403	<0.5
E842571		0.016	0.12	2.21	9	0.07	19.00	439	1.9
E842572		0.014	0.12	1.95	14	0.08	20.00	324	0.7
E842573		0.009	0.10	2.10	5	0.06	29.00	237	1.0
E842574		0.019	0.09	0.83	20	0.14	3.58	141	<0.5
E842575		0.015	0.10	1.42	11	0.09	14.75	192	0.7
E842576		0.013	0.09	1.10	10	0.08	20.50	249	1.0
E842577		0.016	0.20	0.71	17	0.08	9.52	62	2.1
E842578		0.033	0.17	0.67	59	0.20	3.69	59	0.7
E842579		0.055	0.23	0.41	46	0.16	2.44	62	<0.5
E842580		0.049	0.22	0.90	39	0.18	5.52	154	1.6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E842581		0.26	<0.005	0.09	2.17	23.6	<0.2	<10	120	0.75	0.97	0.05	0.16	40.10	14.5	31
E842582		0.20	<0.005	0.11	3.04	30.2	<0.2	<10	260	1.30	1.03	0.07	0.23	106.00	27.9	43
E842583		0.30	<0.005	0.07	1.20	24.9	<0.2	<10	40	0.41	1.71	0.22	0.08	40.60	10.6	22
E842584		0.28	0.005	0.16	1.28	16.7	<0.2	<10	60	0.36	0.99	0.08	0.14	29.60	5.8	20
E842585		0.34	<0.005	0.04	1.05	18.3	<0.2	<10	40	0.25	0.91	0.05	0.07	33.80	4.9	21
E842586		0.36	<0.005	0.10	1.92	40.5	<0.2	<10	100	1.10	1.08	0.18	0.15	71.30	42.8	26
E842587		0.26	<0.005	0.14	1.24	16.5	<0.2	<10	50	0.38	0.82	0.04	0.10	31.50	6.7	18
E842588		0.46	<0.005	0.20	1.79	32.2	<0.2	<10	80	0.89	1.73	0.21	0.16	55.80	20.1	26
E842589		0.48	<0.005	0.15	1.50	38.7	<0.2	<10	90	0.79	3.51	0.35	0.27	42.20	20.2	24
E842590		0.36	<0.005	0.36	1.48	49.4	<0.2	<10	200	1.03	8.94	1.00	0.21	37.90	10.0	14
E842591		0.32	<0.005	0.17	0.99	16.1	<0.2	<10	90	0.53	0.60	1.18	0.34	59.70	9.9	7
E842592		0.34	<0.005	0.16	1.33	18.5	<0.2	<10	80	0.56	0.87	0.42	0.26	50.30	11.0	12
E842593		0.26	<0.005	0.18	1.38	11.8	<0.2	<10	100	0.31	0.62	0.57	0.18	29.80	5.8	12
E842594		0.30	<0.005	0.54	1.01	27.3	<0.2	<10	70	0.67	1.07	0.95	0.69	30.80	23.1	10
E845952		0.36	0.006	0.33	1.42	33.4	<0.2	<10	920	1.15	1.63	4.67	0.25	64.70	34.5	15
E845953		0.32	<0.005	0.74	0.63	76	<0.2	<10	60	0.91	5.87	10.95	0.10	18.10	35.8	7
E845954		0.32	0.005	0.66	0.56	58	<0.2	<10	50	0.82	5.13	12.10	0.11	16.30	24.8	6
E845601		0.34	<0.005	0.07	1.33	12.7	<0.2	<10	130	1.13	0.73	0.64	0.14	67.40	22.5	30
E845602		0.32	<0.005	0.05	0.92	4.8	<0.2	<10	80	0.81	0.22	1.52	0.11	39.20	9.3	30
E845651		0.52	<0.005	0.32	1.70	43.5	<0.2	<10	40	1.29	1.21	0.07	0.13	133.00	11.4	21
E846552		0.42	<0.005	0.12	1.91	23.9	<0.2	<10	110	1.54	1.18	0.17	0.35	254.00	116.5	22
E846553		0.18	<0.005	1.74	2.68	25.7	<0.2	<10	140	2.09	1.59	0.17	0.28	281.00	42.8	29
E846554		0.32	<0.005	0.66	2.52	84.1	<0.2	<10	100	3.07	3.61	0.08	0.14	292.00	23.0	23

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E842581		1.73	104.5	3.75	7.25	0.09	0.05	0.03	0.046	0.06	17.7	24.5	0.40	327	1.60	0.01
E842582		2.32	188.0	4.27	8.41	0.13	0.08	0.04	0.066	0.09	34.3	31.6	0.71	597	1.94	0.01
E842583		2.00	42.4	4.47	8.12	0.10	0.02	0.02	0.046	0.05	20.2	9.6	0.26	373	1.94	0.01
E842584		1.04	20.4	3.20	7.13	0.08	0.02	0.06	0.019	0.05	13.8	12.0	0.21	291	1.43	0.01
E842585		1.04	17.4	3.59	6.61	0.07	<0.02	0.02	0.015	0.04	15.2	9.0	0.24	227	1.22	0.01
E842586		4.03	76.1	4.10	6.36	0.13	0.03	0.03	0.031	0.09	29.6	56.6	0.69	1285	1.20	0.01
E842587		1.74	15.6	3.70	6.14	0.08	<0.02	0.04	0.017	0.06	15.8	18.9	0.32	538	1.27	0.01
E842588		1.56	62.5	3.48	4.52	0.10	0.03	0.04	0.036	0.05	19.4	34.8	0.63	701	0.88	0.01
E842589		1.58	75.2	3.47	4.91	0.09	0.03	0.05	0.032	0.07	18.8	29.9	0.47	809	1.06	0.01
E842590		0.82	42.2	4.50	4.04	0.12	0.06	0.04	0.065	0.08	19.3	27.4	0.62	3470	1.33	0.01
E842591		2.73	26.6	2.06	3.56	0.15	0.06	0.08	0.061	0.09	26.5	44.5	1.03	4670	1.22	<0.01
E842592		4.21	22.6	2.86	4.34	0.13	0.05	0.03	0.048	0.11	25.2	51.2	1.15	2160	1.83	0.01
E842593		2.47	18.4	2.99	2.42	0.11	0.03	0.04	0.029	0.17	16.7	28.1	1.40	3010	0.65	0.01
E842594		2.27	89.0	5.90	3.06	0.14	0.05	0.06	0.038	0.08	15.0	21.9	0.70	2600	2.24	0.01
E845952		3.43	157.0	4.20	5.28	0.21	0.16	0.07	0.113	0.24	32.2	43.3	4.19	4910	3.30	0.01
E845953		0.77	266.0	5.18	2.40	0.22	0.06	0.09	0.204	0.04	9.1	17.3	7.24	4340	3.55	0.02
E845954		0.55	143.0	4.88	2.17	0.24	0.06	0.09	0.157	0.04	8.1	16.1	7.86	4090	3.44	0.02
E845601		1.82	55.4	3.78	5.30	0.16	0.06	0.02	0.023	0.08	34.3	35.3	1.06	1050	1.10	0.01
E845602		1.93	29.0	2.09	4.90	0.16	0.06	0.01	0.021	0.12	20.2	20.2	1.30	704	0.47	0.02
E845651		1.98	95.9	5.82	5.73	0.25	0.08	0.01	0.057	0.05	59.5	44.7	0.71	489	4.46	0.02
E846552		3.93	134.5	4.28	5.97	0.21	0.07	0.03	0.049	0.06	74.0	39.7	0.60	1165	3.13	0.01
E846553		6.57	176.5	4.70	8.22	0.39	0.11	0.04	0.077	0.09	137.0	56.2	0.66	534	3.17	0.01
E846554		5.87	238.0	6.71	7.80	0.36	0.08	0.04	0.125	0.07	130.0	52.9	0.73	570	7.33	0.03

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E842581		1.26	26.2	390	15.4	13.9	<0.001	0.03	1.01	3.5	1.0	0.6	7.2	<0.01	0.07	7.1
E842582		1.27	43.2	350	21.1	20.0	<0.001	0.02	1.07	6.2	1.1	0.7	11.1	<0.01	0.08	10.9
E842583		1.13	13.8	390	14.7	11.3	<0.001	0.05	1.86	1.9	0.7	0.5	7.8	<0.01	0.09	7.9
E842584		1.07	12.3	490	11.2	10.4	<0.001	0.04	0.70	1.9	0.8	0.6	7.6	<0.01	0.07	4.7
E842585		0.76	10.9	490	8.5	7.0	<0.001	0.03	0.57	1.6	0.6	0.5	4.8	<0.01	0.06	4.8
E842586		0.52	33.6	860	12.5	19.3	<0.001	0.04	0.72	2.6	0.9	0.3	9.1	<0.01	0.09	10.0
E842587		0.71	12.7	570	7.9	15.7	<0.001	0.03	0.48	1.6	0.6	0.3	4.2	<0.01	0.06	5.9
E842588		0.64	39.5	690	10.1	8.0	<0.001	0.03	0.76	2.5	0.8	0.2	10.5	<0.01	0.06	8.9
E842589		0.70	29.8	780	25.4	13.5	<0.001	0.04	0.76	2.3	0.9	0.3	14.1	<0.01	0.05	6.7
E842590		0.28	20.7	870	17.1	12.4	<0.001	0.07	1.10	2.8	1.3	0.3	19.4	<0.01	0.10	4.0
E842591		0.41	15.7	730	24.8	23.4	<0.001	0.09	1.98	2.1	1.7	0.2	19.4	0.01	0.14	1.7
E842592		0.79	17.4	450	32.8	34.3	<0.001	0.05	1.07	2.5	1.2	0.2	11.9	<0.01	0.20	3.9
E842593		0.37	12.3	610	14.6	16.9	<0.001	0.06	0.41	1.4	0.9	<0.2	6.7	<0.01	0.10	1.9
E842594		0.35	65.9	900	90.4	17.4	<0.001	0.11	1.43	2.3	1.9	0.2	21.4	0.01	0.33	1.9
E845952		0.19	27.0	560	25.2	25.3	<0.001	0.06	1.32	5.5	1.5	0.4	15.3	<0.01	0.15	7.0
E845953		0.10	45.0	540	35.8	4.6	<0.001	0.10	5.19	3.4	1.4	0.2	22.2	<0.01	0.09	4.0
E845954		0.10	32.4	580	39.0	3.8	<0.001	0.11	5.13	3.0	1.4	<0.2	23.7	<0.01	0.07	2.7
E845601		0.88	36.3	780	7.6	13.0	<0.001	0.07	0.52	3.5	1.1	0.3	15.4	<0.01	0.09	13.9
E845602		1.14	26.5	840	8.2	20.9	<0.001	0.02	0.43	4.4	0.7	0.6	19.9	<0.01	0.03	9.5
E845651		0.77	31.2	700	28.0	5.7	<0.001	0.19	2.87	3.1	1.7	0.2	17.1	0.01	0.15	30.1
E846552		0.93	129.0	760	25.4	9.0	0.001	0.07	1.88	3.1	2.1	0.3	22.5	0.01	0.13	15.6
E846553		1.00	102.5	960	37.1	11.9	<0.001	0.10	2.13	5.0	3.6	0.5	37.3	0.02	0.16	20.5
E846554		1.66	71.7	1010	99.9	9.4	0.001	0.21	4.04	4.0	4.2	0.6	51.2	0.02	0.36	37.8

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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To: **EQUITY ENGINEERING LTD.**
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 7-SEP-2007
Account: EIAFRG

Project: Werneckes

CERTIFICATE OF ANALYSIS VA07087733

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E842581		0.031	0.16	0.99	55	0.23	4.31	89	1.4
E842582		0.039	0.25	2.04	61	0.23	8.10	139	2.6
E842583		0.034	0.17	1.31	50	0.11	3.97	86	<0.5
E842584		0.029	0.12	0.70	50	0.22	3.22	60	<0.5
E842585		0.036	0.09	0.59	52	0.16	3.11	44	<0.5
E842586		0.019	0.14	1.26	26	0.11	7.52	77	0.5
E842587		0.021	0.11	0.53	31	0.13	2.44	43	<0.5
E842588		0.027	0.07	0.96	28	0.22	6.25	77	0.7
E842589		0.031	0.09	0.97	32	0.15	5.81	92	0.5
E842590		0.007	0.08	1.05	16	0.07	15.30	48	1.2
E842591		0.018	0.23	0.89	7	0.07	31.60	112	0.7
E842592		0.039	0.29	1.02	15	0.09	19.00	94	0.8
E842593		0.043	0.20	0.59	14	0.05	15.95	114	<0.5
E842594		0.022	0.14	1.38	14	0.10	18.30	246	0.7
E845952		0.019	0.22	2.90	15	0.38	22.00	96	4.5
E845953		0.006	1.95	1.83	15	0.06	14.55	49	1.7
E845954		0.005	2.26	1.82	15	0.06	14.45	40	1.6
E845601		0.049	0.10	5.67	25	0.25	13.20	59	1.2
E845602		0.078	0.09	1.79	29	0.46	11.05	39	1.4
E845651		0.021	0.07	6.46	12	0.20	15.30	156	2.5
E846552		0.033	0.11	3.23	27	0.38	34.50	281	2.1
E846553		0.031	0.16	5.08	31	0.42	64.00	367	3.1
E846554		0.035	0.17	6.37	18	1.35	43.70	224	2.4

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g). NSS is non-sufficient sample.

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Finalized Date: 16-SEP-2007
Account: EIAFRG

CERTIFICATE VA07097250

Project: Werneckes

P.O. No.: FRG07-01

This report is for 4 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 10-AUG-2007.

The following have access to data associated with this certificate:

HENRY AWMACK	DARCY BAKER	MARK BAKNES
ROB DUNCAN	IAN DUNLOP	QUITY ENGINEERING GENERA
WES HODSON	DAVE KURAN	CHRIS LEE
DAVID MCKEE	MARK O DEA	NEIL P

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS41	51 anal. aqua regia ICPMS	

To: **EQUITY ENGINEERING LTD.**
ATTN: EQUITY ENGINEERING GENERAL
700 - 700 PENDER ST
VANCOUVER BC V6C 1G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Lawrence Ng, Laboratory Manager - Vancouver

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Project: Werneckes

CERTIFICATE OF ANALYSIS VA07097250

Sample Description	Method	WEI-21	Au-AA23	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.005	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
E845957		0.54	<0.005	0.53	0.71	23.0	<0.2	<10	160	0.53	0.51	6.96	0.69	29.30	10.9	18
E845958		0.24	<0.005	2.21	0.54	71.4	<0.2	<10	60	0.62	2.74	9.39	0.94	21.90	15.6	8
E846501		0.52	0.006	2.46	0.40	108.0	<0.2	<10	150	0.54	2.83	9.74	0.46	22.40	18.7	7
E846502		0.88	0.010	2.17	0.28	92	<0.2	<10	170	0.36	1.31	12.20	0.71	15.05	11.2	6

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07097250

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOR	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
E845957		1.08	38.5	2.70	2.33	0.08	0.10	0.15	0.038	0.10	15.4	9.4	3.93	919	3.32	0.02
E845958		1.98	62.7	7.03	1.56	0.12	0.05	0.69	0.076	0.10	11.9	7.9	5.79	1900	4.28	0.03
E846501		0.83	78.4	6.84	1.21	0.09	0.04	0.64	0.065	0.07	11.2	5.9	5.86	2040	2.80	0.03
E846502		0.50	67.7	6.63	0.90	0.08	0.07	0.55	0.052	0.04	7.9	4.1	6.98	1990	4.77	0.03

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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CERTIFICATE OF ANALYSIS VA07097250

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
E845957		0.43	34.0	680	56.7	7.9	0.002	0.11	2.52	3.4	0.8	0.3	31.9	<0.01	0.03	3.8
E845958		0.22	58.7	510	121.0	7.9	0.001	0.30	8.44	3.8	1.1	0.2	22.1	<0.01	0.04	2.5
E846501		0.27	39.7	400	176.0	6.1	<0.001	0.15	10.10	3.5	0.6	0.2	21.1	<0.01	0.04	2.9
E846502		0.22	29.0	360	253.0	3.4	0.001	0.46	9.91	2.5	0.7	<0.2	23.3	<0.01	0.04	2.1

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).

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Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.005	0.02	0.05	1	0.05	0.05	2	0.5
E845957		0.027	0.22	1.52	28	0.11	12.00	259	4.6
E845958		0.009	0.61	3.05	21	0.08	15.40	838	1.6
E846501		0.013	0.90	1.28	16	0.14	13.25	429	1.8
E846502		0.012	1.14	1.69	17	0.13	12.05	644	3.9

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. Gold determinations by ME-MS41 are semi-quantitative due to the small sample weight used (0.5g).